

Selected references for the Geology of Death Valley National Park and surrounding region

Compiled by
Philadelphia J. Morrow and Michael N. Machette,
U.S. Geological Survey, Denver, CO

The following list of approximately 3,750 references was collected from National Park Service and U.S. Geological Survey files, from a literature search using GEOREF, and from references supplied by participants of the April 9-11, 1999 "Conference on Status of Geologic Research and Mapping in Death Valley National Park" (see attached proceedings volume). References that are incomplete or seem to have errors are marked "reference incomplete" and should be used with caution. The list has not been heavily edited for consistency, nor has a substantial effort been made to cull or prioritize the list. However, it should serve as a great resource for those uninitiated in Death Valley geology. The compilers are greatly indebted to Blair Davenport (NPS), Mel Essington (NPS), Angela Jayko (USGS), and Chris Menges (USGS), each of whom supplied large source lists

Some of the references have been coded as to the subject matter using the following codes. These codes follow the references.

C	Geochemistry
G	Geophysics
H	Hydrology
I	Imagery/remote sensing
M	Mapping (geologic)
N	Neotectonics
Q	Quaternary geology, geomorphology, paleoclimate
S	Stratigraphy, paleontology
T	Structure, tectonics

A

- Abbott, E.W., Stratigraphy and petrology of the Mesozoic volcanic rocks of southeastern California: Houston, Texas, Rice University, unpublished Ph.D. dissertation, 205 p. (abstract in Dissertation Abstracts International, v. 338, p. 1614-1615)
- Abolins, M.J., 1988, I. Stratigraphic constraints on the number of discrete Neoproterozoic glaciations and the relationship between glaci and Ediacaran evolution; II. The Kwichup Spring thrust in the northwestern Spring Mountains, Nevada—Implications for large-mag extension and the structure of the Cordilleran thrust belt: Pasadena, California Institute of Technology, unpublished Ph.D. disserta 341 p. (M,S,T)
- Abrahams, A.D., Parsons, A.J., and Hirsh, P., 1985, Hillslope gradient-particle size relations—Evidence for the formation of debris slopes by hydraulic processes in the Mojave Desert: *Journal of Geology*, v. 93, p. 347-357.
- Abrams, M., Kahle, A., Gillespie, A., Conel, L., and Lang, H., 1985. Geologic utility of Landsat-4 TM data, *in* Landsat-4 Science Characterization Early Results: Vol. IV, Applications, J.L. Barker, ed., NASA Conference Publication 2355, 127-130, National Aeronautics and Space Administration, Washington, DC. (I)
- Abrams, R.B., Verosub, K.L., Finnerty, A., et al., 1987, Kinematics at Death Valley-Garlock fault zone junction: AAPG Rocky Mountain Section meeting: AAPG Rocky Mountain Section meeting, v. 71, p. 999.
- Ace Pacific Company, 1991, Report on the preliminary engineering investigation, Travertine Springs water supply system, Furnace Creek area, Death Valley National Monument. (incomplete reference)
- Ackermann, H.D, Mooney, W.D., Snyder, D.B., and Sutton, V.D., 1988, Preliminary interpretation of seismic-refraction and gravity studies west of Yucca Mountain, Nevada and California, *in* Carr, Mi.D., and Yount, J.C., eds., Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 23-34.
- Adams, R.W., Pluhar, C.J. and Kirshvink, J.L., 1990, Paleomagnetism and tephrochronology as aids in stratigraphic studies: Abstracts of proceedings from the 4th annual symposium of the Mojave Desert Quaternary Research Center, v. 37, p. 21.
- Adams, Roy D., 1993, Sequence-stratigraphic analysis of mixed carbonate-siliciclastic Cambrian sediments, Carrara Formation, southwest Basin and Range, California and Nevada: Massachusetts Institute of Technology. (incomplete reference)

- Adrian, B.M., Frisken, J.G., Bradley, L.A., et al., 1986, Analytical results and sample locality map of heavy-mineral-concentrate and rock samples from the Funeral Mountains Wilderness Study Area (CDCA-143), Inyo County, California: U.S. Geological Survey Open-File Report, 14 p. (incomplete reference)
- Akers, J.P., 1974, The relation of ground water in Amargosa Desert, California-Nevada to spring discharge in Death Valley, California: U.S. Geological Survey Administrative Report, 9 p.
- Albee, A.L., Abrams, M.J., Gillespie, A.R., and Kahle, A.B., 1984. Discrimination of lithologic units in the Panamint Mountains using spectral and multichannel image data: Geological Society of America Abstracts with Program, v. 16, no. 6, p. 427. (I,M)
- Albee, A.L., and Lanphere, M.A., 1962, Distribution of earlier and later Precambrian rocks in the central Panamint Range, California [Abstract], *in* Geological Society of America Special Paper 73 [or Special Paper 72], Geological Society of America, Extent unknown . (incomplete reference)
- Albee, A.L., and Lanphere, M.A., 1963, Distribution of earlier and later Precambrian rocks in the central Panamint Range, California: Geological Society of America Abstracts for 1962, Special Paper 73, p. 19.
- Albee, A.L., Labotka, T.C., Lanphere, M.A., and McDowell, S.D., 1981, Geologic map of the Telescope Peak quadrangle: US Geological Survey Map GQ-1532, 1 sheet, scale 1:62,500.
- Albee, A.L., Lanphere, M.A., and McDowell, S.D., 1971, Geology of the Telescope Peak quadrangle, *in* Geologic atlas of California: California Division of Mines and Geology, Extent unknown . (incomplete reference)
- Albers, J.P., 1967, Belt of sigmoidal bending and right-lateral faulting in the western Great Basin: Geological Society of America Bulletin, v. 78, p. 143–156. (T)
- Albers, J.P., and Stewart, J.H., 1962, Precambrian and Cambrian stratigraphy in Esmeralda County, Nevada, *in* United States Geological Survey Professional Paper 450-D, United States Geological Survey, Extent unknown . (incomplete reference)
- Albers, J.P., and Stewart, J.H., 1965, Preliminary Geologic Map of Esmeralda County, Nevada: U.S. Geological Survey Mineral Investigations Field Studies Map MF-298.
- Albers, J.P., and Stewart, J.H., 1967, Belt of Sigmoidal Bending and Right-Lateral Faulting in the Western Great Basin: Geological Society of America Bulletin, v. 78, p. 143-156.
- Albers, J.P., and Stewart, J.H., 1972, Geology and Mineral Deposits of Esmeralda county, Nevada: Nevada Bureau of Mines and Geology, Bulletin 78, 80 p.
- Alberts, E.C., 1945, Amazing crater - Ubehebe: National Parks Magazine, v. 83, p. Location unknown. (incomplete reference)
- Albright, G., Cooper, J.D., Albright, G., et al., 1989, Stop 3A, Stratigraphy and sedimentology of the Quartz Spring Sandstone and Tin Mountain Limestone, Funeral Mountains, California: Cavalcade of carbonates: Pacific Section, Society of Economic Paleontologists and Mineralogists, Field Trip Guidebook 61, 37-45.
- Albright, G.R., 1989, Stratigraphy and sedimentology of the Quartz Spring Sandstone and Tin Mountain Limestone, Funeral Mountains, California, *in* Cooper, J. D., Editor, Cavalcade of carbonates: Los Angeles, CA, Pacific Section, Society of Economic Paleontologists and Mineralogists, p. 37-45.
- Albright, G.R., 1991, Late Devonian and Early Mississippian paleogeography of the Death Valley region, California, *in* Cooper, John D., and Stevens, Calvin H., Editors, Paleozoic paleogeography of the western United States, II: Los Angeles, CA, Pacific Section, Society of Economic Paleontologists and Mineralogists, p. 253-269.
- Alldrick, D.J., 1985, Stratigraphy and petrology of the Stewart mining camp (104B/1): Geological Fieldwork, 1985-1, p. 316-341.
- Alldrick, D.J., Panteleyev, A. and McMillan, W.J., 1984, Geologic setting of the precious metal deposits in the Stewart area (104B/1): Geological fieldwork, 1983, a summary of field activities, 1984-1, p. 149-164.
- Allen, R.D. and Kramer, H., 1957, Ginorite and sassolite from Death Valley, California: American Mineralogist, v. 42, p. 56-61.
- Alley, W.P., and Fertig, D.S.A.K.A.W., 1971, New Locality Record For The Pupfish /Cyprinodon Nevadensis/ At Badwater, Death Valley, California.: Calif. Fish Game, v. 57, no. 2, p. 128.
- Almashoor, S.S., 1983, The petrology of a quartz monzonite pluton in the southern Greenwater Range, Inyo County, California: (incomplete reference)
- Anderson, D.E., and Wells, S.G., 1994, Preliminary fluvial geomorphology of the Amargosa River, California: San Bernardino County Museum, Abstracts of proceedings from the 8th annual Mojave Desert Quaternary Research Symposium, v. 41.

- Anderson, D.E., and Wells, S.G., 1996a, Latest Quaternary lacustrine events of Lake Manly—A record from ten shallow cores along a 75 km transect in southern Death Valley basin: Geological Society of America, Abstracts with Programs, v. 28, no. 7, p. 458.
- Anderson, D.E., and Wells, S.G., 1997, Late Pleistocene Death Valley Lakes—Subsurface records of changing paleoenvironments, *in* Reynolds, R.E., and Reynolds, J., eds., Death Valley—The Amargosa Route: San Bernardino County Museum Association Quarterly, v. 44, no. 2, p. 89-92.
- Anderson, D.E., and Wells, S.G., 1997, Latest Quaternary lakes in Death Valley, California, USA: paleogeography and high-stands [abs.]: Fourth International Conference on Geomorphology, September, Bologna, Italy. (incomplete reference)
- Anderson, D.E., Balling Jr., R.C., Vose, R., and Wells, S.G., 1996, Modern Hydroclimatology and Late Holocene Fluvial History of the Amargosa River near Tecopa, California, *in* Reynolds, R.E., and Reynolds, J., eds., Death Valley—The Amargosa Route: San Bernardino, San Bernardino County Museum Association Quarterly, v. 44, no. 2, p. 43-47.
- Anderson, D.E., Poths, J. and Wells, S.G., 1998, Cosmogenic ³He age estimates for the terminal highstand of Plio-Pleistocene Lake Tecopa, California—Integration of the upper Amargosa River with the Death Valley drainage basin: Geological Society of America Abstracts with Programs, Rocky Mountain Section, 50th annual meeting, v. 30, p. 2.
- Anderson, D.E., Poths, J., and Wells, S.G., 1994, Cosmogenic ³He Ages of Lake Tecopa Wave-cut Scarps at Shoshone, California [abs.]: EOS [Transactions of the American Geophysical Union], p. 288. (incomplete reference)
- Anderson, D.E., Wells, S.G. and Reynolds, J., 1994, Preliminary fluvial geomorphic studies of the Amargosa River through Amargosa Canyon, San Bernardino and Inyo counties, California: (incomplete reference)
- Anderson, D.E., Wells, S.G., Bailing, R.C., Jr., and Vose, R., 1996, Late Holocene hydroclimatology of the Amargosa River, San Bernardino County, California. (incomplete reference)
- Anderson, Diana Elder, 1994, Fluvial geomorphology and Late Quaternary hydroclimatology of the Amargosa River: reconstruction of paleofloods and lake-building events at the Great Basin/Mojave Desert boundary [dissertation proposal], Riverside CA, University of California, Riverside. (incomplete reference)
- Anderson, G.H., 1933, Geology of the North Half of the White Mountain Quadrangle, California-Nevada: California Institute of Technology, Ph.D. Dissertation, 237 p. (unpublished).
- Anderson, G.H., 1937, Granitization, Albitization, and Related Phenomena in the Northern Inyo Range of California-Nevada: Geological Society of America Bulletin, v. 48, p. 1-74.
- Anderson, G.H., and Maxson, J.H., 1935, Physiography of the northern Inyo Range [Abstract], Proceedings of the thirty-third annual meeting of the Cordilleran Section of the Geological Society of America, University of California, Berkeley, April 12 1934-April 14 1934, p. p. 318.
- Anderson, K.C. and Wells, S.G., 1996, Late Pleistocene lacustrine record of Lake Dumont and the relationship to pluvial lakes Mojave and Manly: Geological Society of America Abstracts with Programs, 48th annual meeting, v. 28, no. 7, p. 458.
- Anderson, K.C., and Wells, S.G., 1997, Late Pleistocene and Holocene Valley-fill Deposits of Lake Dumont, *in* Reynolds, R.E., and J. Reynolds, J., eds., Death Valley—The Amargosa Route: San Bernardino, San Bernardino County Museum Association Quarterly, v. 44?, p. 29-32. (incomplete reference)
- Anderson, L.C., 1973, Unique *Chrysothamnus* hybridization in Ash Meadows, Nevada: Bulletin Torrey Botanical Club, v. 100, p. 171-177.
- Anderson, L.W., and Klinger, R.E., 1996, Quaternary faulting on the Bare Mountain fault, *in*, Seismotectonic framework and characterization of faulting at Yucca Mountain, Nevada: Synthesis Report by the U.S. Geological Survey to the U.S. Department of Energy, Chapter 4.12, p. 4.12-1 to 4.12-75.
- Anderson, L.W., Klinger, R.E., and Piety, L.A., 1996, Bare Mountain and Death Valley-Furnace Creek faults-Distinctly different Quaternary faults near Yucca Mountain: Geological Society of America, Abstracts with Programs, v. 28, no. 7, p. A-194.
- Anderson, R.E., 1971, Thin-skin distension in Tertiary rock of southwestern Nevada: Geological Society of America Bulletin, v. 82, p. 43-58.
- Anderson, R.E., Barnhard, T.P., Snee, L.W., 1994, Roles of plutonism, midcrustal flow, tectonic rafting, and horizontal collapse in shaping the Miocene strain field of the Lake Mead area, Nevada and Arizona: Tectonics, v. 13, no. 6, p. 1,381-1,410.
- Anderson, R.E., Bucknam, R.C., Crone, A.J., Haller, K.M., Machette, M.N., Personius, S.F., Barnard, T.P., Cecil, M.J., and Dart, R.L., 1995, Characterization of Quaternary and suspected Quaternary faults, regional studies, Nevada and California: U.S. Geological Survey Open-File Report 95-599, 56 p.

- Anderson, R.E., Crone, A.J., Machette, M.N., Bradley, L.A., and Diehl, S.F., 1995, Characterization of Quaternary and suspected Quaternary faults, Amargosa area, Nevada and California: U.S. Geological Survey Open-File Report 95-613, 41 p.
- Anderson, S.P. and Anderson, R.S., 1990, Debris-flow benches, dune-contact deposits record paleo-sand dune positions in North Panamint Valley, Inyo County, California: *Geology*, 18, 524-527.
- Anderson, T.B., 1997, Middle Cambrian thrombolite bioherms in the Jangle Limestone Member of the Carrara Formation, southern Nopah and Resting Springs ranges, southeastern California: AAPG Pacific Section meeting abstracts, v. 81, 679.
- Anderson, T.B., Zoback, M.L. and Rowland, S.M., 1990, Environmental significance of stromatolites in the Pyramid Shale Member of the Cambrian Carrara Formation, Emigrant Pass, southern Nopah Range, California: Geological Society of America, Cordilleran Section, 86th annual meeting, v. 22, p. 3.
- Anderson, W.W., Arnold, J., Baldwin, D.G., and others, 1991, Four decades of inversion polymorphism in *Drosophila pseudoobscura*: *Proc. National. Academy of Science. USA*, v. 88, p. 10367-10371.
- Andraski, B.J., 1988, Physical properties of trench backfill at a simulated burial site for low-level radioactive waste near Beatty, NV [abs.]: 80th Annual Meeting, American Society of Agronomy, Anaheim, Calif., December 1988, Program of Agronomy Abstracts, v. 80, p. 178.
- Andraski, B.J., 1990, Rubber-balloon and drive-core sampling for determining bulk density of an alluvial desert soil [abs.]: 1990 Annual Meetings, American Society of Agronomy, San Antonio, Texas, October 1990, Agronomy Abstracts, p. 208.
- Andraski, B.J., 1990, Soil-water movement at a simulated burial site for low-level radioactive waste near Beatty, Nevada-First year results [abs.], in Nevada decision point-Which water course to the future?: Annual Conference, Nevada Water Resources Association, Las Vegas, Nev., February 1990, Program Information and Abstracts, unpaginated.
- Andraski, B.J., 1990, Water movement and trench stability at a simulated arid burial site for low-level radioactive waste near Beatty, Nevada: La Grange Park, Ill., American Nuclear Society, Nuclear Waste Isolation in the Unsaturated Zone, Las Vegas, Nev., 17-21 September 1989, La Grange, Illinois, Conference Proceedings, p. 166-173.
- Andraski, B.J., 1991, Balloon and core sampling for determining bulk density of an alluvial desert soil: *Soil Science Society of America Journal*, v. 55, p. 1188-1190.
- Andraski, B.J., 1991, Soil-water regime at a low-level radioactive waste site, Amargosa Desert, Nevada [abs.]: Characterization of Transport Phenomena in the Vadose Zone, A Workshop Sponsored by Soil Science Society of America and American Geophysical Union, Tucson, University of Arizona, April 1991, Proceedings, p. 2-3.
- Andraski, B.J., 1991, Vegetation and land-disturbance effects on recharge potential, Amargosa Desert, Nevada [abs.]: 1991 Annual Meetings, American Society of Agronomy, Denver, Colo., October 1991, Agronomy Abstracts, p. 212.
- Andraski, B.J., 1992, Water movement through soil at a low-level radioactive-waste site in the Amargosa Desert: *U.S. Geological Survey Yearbook, Fiscal Year 1991*, p. 73-75.
- Andraski, B.J., 1994, Disturbance effects on soil properties and water balance at a low-level radioactive waste site, Amargosa Desert, Nevada [abs.]: 86th Annual Meeting, American Society of Agronomy, Seattle, November 1994, Agronomy Abstracts, v. 86, p. 227.
- Andraski, B.J., 1996, Properties and variability of soil and trench fill at an arid waste-burial site: *Soil Science Society of America Journal*, v. 60, p. 54-66.
- Andraski, B.J., 1996, Simulated trench studies near Beatty, Nevada-Initial results and implications, in Stevens, P.R., and Nicholson, T.J., eds., Joint U.S. Geological Survey, U.S. Nuclear Regulatory Commission Workshop on research related to low-level radioactive waste disposal, May 4-6, 1993, National Center, Reston, Virginia, Proceedings: *U.S. Geological Survey Water-Resources Investigations Report 95-4015*, p. 111-118.
- Andraski, B.J., 1996, Waste burial in arid environments—Application of information from a field laboratory in the Mojave Desert [abs.]: RCRA Corrective Action Conference, U.S. Environmental Protection Agency, March 1996, San Francisco, p. 10-1.
- Andraski, B.J., 1997, Overview of U.S. Geological Survey unsaturated-zone research at a site in the Amargosa Desert, southern Nevada—1976-96 [abs.]: 17th Annual Hydrology Days, American Geophysical Union, Ft. Collins, Colo., April 1997, Proceedings.
- Andraski, B.J., 1997, Soil-water movement under natural-site and waste-site conditions—A multiple-year field study in the Mojave Desert, Nevada: *Water Resources Research*, v. 33, no. 9, p. 1901-1916.

- Andraski, B.J., 1997, Test-trench studies in the Amargosa Desert, southern Nevada—Results and application of information to landfill covers in arid environments, in Reynolds, T.D., and Morris, R.C., eds., *Landfill capping in the semi-arid west—Problems, perspectives, and solutions*, May 21-22, 1997, Jackson Lake Lodge, Wyo., Conference Proceedings: Idaho Falls, Idaho, Environmental Science & Research Foundation, ESRF-019, p. 165-179. Abstract
- Andraski, B.J., and Jacobsen, E.A., 1998, Comparison of Brooks-Corey and Rossi-Nimmo retention functions in modelling soil-water movement at a site in the Amargosa Desert, Nevada [abs.]: *Eos, American Geophysical Union Transactions*, v. 79, no. 45, p. F382.
- Andraski, B.J., and Prudic, D.E., 1997, Soil, plant, and structural considerations for surface barriers in arid environments—Application of results from studies in the Mojave Desert near Beatty, Nevada, in *Barrier Technologies for Environmental Management, Summary of a Workshop*: Washington, D.C., National Academy Press, p. D50-D60.
- Andraski, B.J., and Stonestrom, D.A., 1998, Hydrogeologic studies at the USGS Amargosa Desert Research Site, in Taylor, E.M., ed., *Quaternary geology of the Yucca Mountain area, southern Nevada: Annual Meeting, Friends of the Pleistocene, Pacific Cell, October 1998, Field Trip Guide*, p. 210-216.
- Andraski, B.J., Fischer, J.M., Prudic, D.E., et al., 1991, Low-level radioactive waste and mixed low-level radioactive and hazardous wastes, in Trask, N.J., and Stevens, P.R., compilers, *U.S. Geological Survey Research in Radioactive Waste Disposal—Fiscal Years 1986-1990*: U.S. Geological Survey Water Resources Investigations Report 91-4084, p. 34-40.
- Andraski, B.J., Prudic, D.E., and Nichols, W.D., 1995, Waste burial in arid environments—Application of information from a field laboratory in the Mojave Desert, southern Nevada: U.S. Geological Survey Fact Sheet FS-179-95, 4 p.
- Andraski, B.J., Witherspoon, P.A., Fiore, J.H., et al., 1990, Water movement and trench stability at a simulated arid burial site for low-level radioactive waste near Beatty, Nevada: *Proceedings of the topical meeting on Nuclear waste isolation in the unsaturated zone, Focus '89*, p. 166-173. (incomplete reference)
- Andreasen, G.E., and Petrafeso, F.A., 1963, Aeromagnetic map of the east-central part of the Death Valley National Monument, Inyo County, California: Washington, DC, United States Geological Survey, Geophysical Investigations Map GP-428, 1 sheet, 1:62,500.
- Annable, Carol R., 1985, *Vegetation and flora of the Funeral Mountains, Death Valley National Monument, California - Nevada, Las Vegas, NV*, University of Nevada, Las Vegas. (incomplete reference)
- Anonymous, 1913, *Prospecting for potash in Death Valley, California*: *Mining World*, p. 855-856.
- Anonymous, 1935, *Death Valley National Monument, California*. (incomplete reference)
- Anonymous, 1982, Increase in mining area proposed for Death Valley National Monument.: *California Mining Journal*., v. 51, no. 12.
- Antevs, E., 1948, Climate changes and pre-white man, in *The Great Basin, with emphasis on glacial and post-glacial times*: *University of Utah Bulletin*, v. 38, Biological Series, v. 10, p. 167-191. (incomplete reference)
- Antevs, E., 1952, Cenozoic climates of the Great Basin: *Geology Rundschau, Band (v.) 40*, p. 94-108.
- Antevs, E., 1955, *Geologic-Climatic Dating in the West*: *American Antiquity*, v. XX, no. 4, p. 317-335.
- Anthony, J.W., 1987, Automatic stratigraphic correlation of borehole-geophysical data using a Fortran 77 computer program [abs.]: *EOS [Transactions of American Geophysical Union]*, 1987 fall annual meeting, v. 68, p. 1291.
- Applegate, J.D.R., 1994, *The unroofing history of the Funeral Mountains metamorphic core complex, California*: Cambridge, Massachusetts Institute of Technology, Ph. D. dissertation, 241 p., scale of accompanying map 1:10,000.
- Applegate, J.D.R., 1995, Transform-normal extension on the Northern Death Valley fault system, California-Nevada: *Basin Research*, v. 7, p. 269-280. T
- Applegate, J.D.R., and Hodges, K.V., 1993, Episodic unroofing of the Funeral Mountains metamorphic core complex, Death Valley, California: *Geological Society of America, 1993 annual meeting, Abstracts with Programs*, v. 25, p. 411-412.
- Applegate, J.D.R., and Hodges, K.V., 1995, Mesozoic and Cenozoic extension recorded by metamorphic rocks in the Funeral Mountains, California: *Geological Society of America Bulletin*, v. 107, p. 1063-1076. T
- Applegate, J.D.R., Hodges, K.V., Walker, J.D., et al., 1992, Sequence and timing of deformation in the footwall of the Funeral Mountains metamorphic core complex, California: *Geological Society of America, 1992 annual meeting, Abstracts with Programs*, v. 24, p. 278-279. (incomplete reference)

- Applegate, J.D.R., Walker, J.D. and Hodges, K.V., 1992, Late Cretaceous extensional unroofing in the Funeral Mountains metamorphic core complex, California: *Geology*, v. 20, p. 519-522.
- Applegate, J.D.R., Walker, J.D., Hodges, K.V., et al., 1991, Structural and geochronological constraints on Late Cretaceous extensional deformation in the Funeral Mountains metamorphic core complex, southeastern California: Geological Society of America, annual meeting, Abstracts with Programs, v.23, p. 83. (incomplete reference)
- Arce, G., 1995, From Badwater to Bliss: *Earth*, v. 4, p. 24-33.
- Argus, D.F., and Gordon, R. G., 1989, Comparison of Pacific-North America Motion Averaged Over the Past Few Years to its Motion Averaged Over the Past Few Million Years, Sierra Nevada-North America Motion and Kinematics of the Great Basin and San Andreas Fault: Geological Society of America Abstracts with Program, v. 21. (incomplete reference)
- Armin, R.A., and Moyer, L., 1983, Subsidence analysis of the Cordilleran miogeocline, implications for timing of late Proterozoic rifting and amount of extension: *Geology*, v.11, p. 702-705.
- Armstrong, A.K., Frisken, J.G., Jachens, R.C., et al., 1987, Mineral resources of the Funeral Mountains Wilderness Study Area, Inyo County, California: U.S. Geological Survey Bulletin, A1-A14. (incomplete reference)
- Armstrong, A.K., Garrison, M.T., Frisken, J.G., et al., 1987, Mineral resources of the Greenwater Valley Wilderness Study Area, Inyo County, California: U.S. Geological Survey Bulletin, B1-B13. (incomplete reference)
- Armstrong, A.K., Smith, C.L., Kennedy, G.L., et al., 1987, Mineral resources of the Nopah Range Wilderness Study Area, Inyo County, California: U.S. Geological Survey Bulletin, C1-C18. (incomplete reference)
- Armstrong, Arthur Jeffrey, 1980, Correlation of Devonian rocks in southwestern Nevada-southeastern California, with reference to central Nevada, Fresno CA: California State University, Fresno. (incomplete reference)
- Armstrong, R.I., and Suppe, J., 1973, Potassium-argon geochronometry of Mesozoic igneous rocks in Nevada, Utah, and southeastern California: Geological Society of America Bulletin, v. 84, p.1375-1392.
- Armstrong, R.L., 1963, Geochronology and geology of the eastern Great Basin in Nevada and Utah: Unpublished Ph.D. dissertation, Yale University, New Haven, Conn, 202 p.
- Armstrong, R.L., 1966, K-Ar dating using neutron activation for Ar analysis: Granitic plutons of the eastern Great Basin, Nevada and Utah: *Geochim. et Cosmochim. Acta*, v. 30, no 6, p. 565-600.
- Armstrong, R.L., 1968, Sevier orogenic belt in Nevada and Utah: Geological Society of America Bulletin, v. 79, p. 429-458.
- Armstrong, R.L., 1970, Geochronology of Tertiary igneous rocks, eastern Basin and Range province, western Utah, eastern Nevada and U. S. A.: *Geochimica et Cosmochimica Acta*, v. 34, p. 203-232.
- Armstrong, R.L., 1982, Cordilleran metamorphic core complexes from Arizona to southern Canada, Annual Reviews: Earth and Planetary Sciences, v. 10, p. 129-154.
- Armstrong, R.L., and Suppe, L. 1973, Potassium-argon, geochronometry of Mesozoic igneous rocks in Nevada, Utah and southern California: Geological Society of America Bulletin, v. 84, p. 1375-1392.
- Artega, F.E., Savard, C.S., Johnson, M.E. and Stone, J.C., 1991, Hydrogeologic data from selected wells and test holes in and adjacent to the Nevada Test Site, Nye County, Nevada, through 1986: U.S. Geological Survey Open-File Report 87-536, 23 p.
- Ashley, R.P., and Keith, W.J., 1973, Geochemical map showing distribution and abundance of copper in silicified rocks, Goldfield Mining District, Esmeralda and Nye counties, Nevada: United States Geological Survey Miscellaneous Field Studies Map MF - 474, 1 sheet.
- Asmerom, Y., Jacobsen, S.B., and Wernicke, B., 1994, Variations in magma source regions during large-scale continental extension, Death Valley region, western United States: *Earth and Planetary Science Letters*, v. 125, p. 235-254.
- Asmerom, Y., Snow, J. K., Holm, D.K., Jacobsen, S.B., Wernicke, B.P., and Lux, D.R., 1990, Rapid uplift and crustal growth in extensional environments: An isotopic study from the Death Valley region, California: *Geology*, March 1990, v. 18, p. 223-226.
- Audell, H.S. and Miller, R.H., 1979, Upper Ordovician and Lower Silurian rocks from the Panamint Range, Inyo County, California: The Geological Society of America, Cordilleran Section, 75th annual meeting, v. 11, p. 67.
- Austin, Carl F., 1958, Geochemical exploration in silicated limestones at Darwin, California, Utah. (incomplete reference)
- Austin, George, 1968, Birds, *in* Ecological studies of aquatic habitats in Death Valley National Monument with special reference to Saratoga Springs, 82 p. (incomplete reference)

- Austin, W.H., 1990, Remote sensing and geophysical studies demonstrate the Indian Wells Valley and Rose Valley are open basins, Kern, Inyo, and San Bernardino Counties, California: Consulting Geologist, Austin Enterprises, Inc., 1055 West College Avenue, Santa Rosa, California, 95401. 36 p.
- Austin, W.H., 1990, Structural investigations at the Coso geothermal area using remote sensing information, Inyo County, California: AAPG annual convention, v. 74, p. 602.
- Author unknown, 1952, The case of the skating stones: *Life*, v. 32, no. 10, p. 53-54. (incomplete reference)
- Avon, L., and Durbin, T.J., 1992, Evaluation of the Maxey-Eakin method for calculating recharge to ground-water basins in Nevada: Las Vegas Valley Water District. Cooperative Water Project, Series Report No. 7, 44 p.
- Avon, L., and Durbin, T.J., 1994, Evaluation of the Maxey-Eakin method for estimating recharge to ground-water basins in Nevada: American Water Resources Association, *Water Resources Bulletin*, v. 30, no. 1, p. 99-111.
- Avon, L., and Durbin, T.J., 1994, Hydrologic evaluation of recent water-level decline at Devils Hole: Hydrologic Consultants Inc., Las Vegas Valley Water District, Cooperative Water Project Series, Report No. 12, 47 p., 1 Appendix, 16 tables, 33 figures.
- Awramik, S.M., 1982, Late Cambrian microbial endoliths of the Nopah Formation, Death Valley, California: Geological Society of America, Cordilleran Section, 78th annual meeting, v. 14, p. 146.
- Axelrod, D.I., 1940, A record of *Lyonothamnus* in Death Valley, California: *Journal of Geology*, v. 48, p. 526-531.
- Axelrod, D.I., 1950, Evolution of Desert Vegetation in Western North America: Carnegie Inst. Wash. Pub. 590, p. 215-306.
- Axelrod, D.I., 1957, Late Tertiary Floras and the Sierra Nevadan Uplift: Geological Society of America, *Bulletin*, v. 68, p. 19-46.
- Axelrod, D.I., and Ting, W.W., 1960, Late Pliocene floras east of the Sierra Nevada: Univ. Calif. Publications in Geological Sciences, v. 39, p. 1-118.
- Axen, Gary J., 1991, Tertiary extension, magmatism and thrust reactivation in the southern Great Basin, and a mechanical model for detachment faulting: Harvard University, unpublished Ph.D. thesis, 235 p. MST)
- Axen, G.J., 1992, Pore pressure, stress increase and fault weakening in low-angle normal faulting: *Journal of Geophysical Research*, v. 8979-8991.
- Axen, G.J., 1993, Ramp-flat detachment faulting in and low-angle normal reactivation of the Tule Springs thrust, southern Nevada: *Geological Society of America Bulletin*, v. 105, p.1076-1090. (M,T)
- Axen, G.J., 1984, Thrusts in the eastern Spring Mountains, Nevada: Geometry and mechanical implications: *Geological Society of America Bulletin* 95, p. 1202-1207.
- Axen, G.J., 1985, Geologic map and description of structure and stratigraphy, La Madre Mountain, Spring Mountains, Nevada: Geological Society of America Map and Charts Series MC-51. (incomplete reference)
- Axen, G.J., 1987, The Keystone and Red Spring thrust faults in the La Madre Mountain area, Spring Mountains, Nevada, *in* Hill, M.L., ed., *The Decade of North American Geology, Centennial Field Guide v. 1, Cordilleran Section*, Geological Society of America, p. 50-57.
- Axen, G.J., and Wernicke, B.P., 1987, Magnitude and style of Miocene upper-crustal extension in the southern Nevada area: *Geological Society of America, Abstracts with Programs*, v. 19, p. 576.
- Axen, G.J., and Wernicke, B.P., 1989, Reply to Comment on "On the role of isostasy in the evolution of normal fault systems" by D.C. Carpenter and others: *Geology*, v. 17, p. 775-776. (T)
- Axen, G.J., and Wernicke, B.P., 1991, Comment on "Tertiary extension and contraction of lower plate rocks in the central Mojave metamorphic core complex, southern California" by Bartley, J. M., Fletcher J.M., and Glazner, A.F.: *Tectonics*, v. 10, p. 1084-1088.
- Axen, G.J., Taylor, W.J., Bartley, J.M., 1993, Space-time patterns and tectonic controls of Tertiary extension and magmatism in the Great Basin of western United States: *Geological Society of America Bulletin*, v. 105, p. 56-76. (T)
- Axen, G.J., Wernicke, B.P., Taylor, W.J., and Skelly, M.F. , 1990, Mesozoic and Cenozoic tectonics of the Sevier thrust belt in the Virgin River Valley area, southern Nevada, *in* Wernicke. B.P., ed., *Basin and Range extension near the latitude of Las Vegas, Nevada: Geological Society of America Memoir*, v. 176, p. 123-154. (M,T)
- Aydin, A., and Nur, A., 1982, Evolution of pull-apart basins and their scale independence: *Tectonics*, v. 1, p. 91-105. (T)

B

-
- Bach, A.J., Dorn, R.I., Elliott-Fisk, D.L., and Phillips, F.M., 1992, Glacial avulsion in Pleistocene moraine complexes of the east-central Sierra Nevada, California, *in* Hall, Jr., C.A., Doyle-Jones, V., and Widawski, B., eds., *The history of Water, eastern Sierra Nevada, Owens Valley, White-Inyo Mountains: White Mountain Research Symposium*, v. 4, University of California at Los Angeles, p. 17-31.
- Bachman, G.O., and Machette, M.N., 1977, Calcic soils and calcretes in the southwestern United States: U.S. Geological Survey Open-File Report 77-794, 163 p.
- Bachman, S.B., 1978, Pliocene-Pleistocene Break-up of the Sierra Nevada-White-Inyo Mountains Block and Formation of Owens Valley: *Geology*, v. 6, P. 461.
- Bacon, D., Cahill, T.A., and Tombrello, T.A., 1996, Sailing stones on Racetrack Playa: *Journal of Geology*, v. 104, p. 121-125.
- Bagg, R.M., 1945, Death Valley [California] a desert wonderland: *Natural History*, 54, p. 168-179. (incomplete reference)
- Bailly, P.A., 1951, *Geology of the southeastern part of Mineral Ridge, Esmeralda County, Nevada*, Stanford, CA, Stanford University. (incomplete reference)
- Baily, J.L., Jr., 1956, Observations on the recently extinct mollusk fauna of Panamint Lake: *The Nautilus*, p. 100-103.
- Baker, C.E., 1980, The Terry borate deposit, Amargosa Valley, Inyo County, California: *California Geology*, v. 33, no. 8, p. 181-187.
- Baker, C.E., and Baker, J.M., 1985, A re-evaluation of the origin and diagenesis of borate deposits, Death Valley region, California, *in* Barker, J.M., and Lefond, S.J., eds., *Borates - Economic Geology and Production: American Institute of Minerals, Metal and Petroleum Engineer*, Chapter 7, New York, p. 101-135.
- Baker, C.L., 1913, The nature of the later deformation in certain ranges of the Great Basin: *Journal of Geology*, v. 21, p. 273-278.
- Ball, S.H., 1905, Notes on ore deposits of southwestern Nevada and eastern California: *United States Geological Survey Bulletin*, v. Volume unknown, p. 53-73. (incomplete reference)
- Ball, S.H., 1907, A geological reconnaissance of southwestern Nevada and eastern California: *U.S. Geological Survey Bulletin* 308, 218 p., 1 plate, map scale 1:250,000.
- Ball, S.H., *Mines of Silver Peak Range, Kawich Range and other Southern Nevada Districts—A geologic reconnaissance in southwestern Nevada and eastern California: Las Vegas, NV, Stanley Paher, Nevada Publications*, p. 160-182, 195-212, 218 pages. (incomplete reference)
- Banta, B.H., 1962, A preliminary account of the herpetofauna of the Saline Valley hydrographic basin, Inyo County, California: *The Wasmann Journal of Biology*, v. 20, no. 2, p. 161-251.
- Barker, C.E., and Barker, J.M., 1985, A re-evaluation of the origin and diagenesis of borate deposits, Death Valley region, California, *in* Barker, James M., and Leford, S. J., Editors, *Borates—Economic geology and production: New York, NY, Society of Mining Engineers, A.I.M.M.P.E.*, p. 101-135, (incomplete reference)
- Barker, J.M., 1976, Borate exploration and mining in the Death Valley region: Private Consultant, Tenneco Mining Inc., American Institute of Mining Engineers, Society of Mining Engineers, Annual Meeting, Las Vegas, Nevada, February 22-26, 1976, 24 p.
- Barker, J.M., and Wilson, J.L., 1975, Borate deposits in the Death Valley region: Borate exploration and mining in the Death Valley region, *in* Papke, Keith G., Schilling, John H., Barker, James M., and others, *Guidebook: Las Vegas to Death Valley and return: Reno NV, Mackay School of Mines, University of Nevada, Nevada Bureau of Mines and Geology Report* 26, p. 22-32, 39 p.
- Barnard, R.M., 1966, Stratigraphic and structural evolution of Kramer borate ore body, Boron, California, *in* Rau, J.L., ed., *Symposium on salt*, v. 1: Northern Ohio Geologic Society, Inc., p. 133-150.
- Barnes, H., and Palmer, A.R., 1961, Revision of stratigraphic nomenclature of Cambrian rocks, Nevada Test Site and vicinity, *in* *Geological Survey Research*, 1961: U.S. Geological Survey Professional Paper 424-C, p. C100-C103.
- Barnes, H., and Poole, F.G., 1968, Regional thrust-fault system in Nevada Test site and vicinity, *in* Eckel, E.B., ed., *Nevada test site: Geological Society of America Memoir* 110, 290p..
- Barnes, H., Ekren, E.B., Rogers, C.L., and Hedlund, D.C., 1982, Geologic and tectonic maps of the Mercury quadrangle, Nye and Clark Counties, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1197, 1 sheet, map scale 1:24,000.
- Barnes, H., Houser, F.N., and Poole, F. G., 1963, Geologic map of the Oak Spring quadrangle, Nye County, Nevada: *United States Geological Survey Geological Quadrangle Map* GQ-214, 1:24,000.

- Barnes, J.J., 1973, Origin of a Cambrian sandstone-mudstone intertongue (Zabriskie Quartzite-Harkless Formation): Geological Society of America, Abstracts with Programs, v. 5, no. 7, p. 541.
- Barnes, J.J., and Klein, G.deV., 1975, Tidal deposits in the Zabriskie Quartzite (Cambrian), eastern California and western Nevada, *in* Ginsburg, R.N., ed., Tidal deposits: New York, NY, Springer-Verlag, p. 163-170.
- Barrett, P.J.A.D.L.T., 1993, Recent Water Level Fluctuations In Devils Hole, Death Valley National Monument.: Proc. Desert Fishes Council, v. 24, p. 26. (incomplete reference)
- Barthelmy, D.A., 1972, Geology and occurrence of nitrate deposits in the Confidence Hills, Death Valley, and possible mechanisms for the formation of nitrate deposits, San Diego State College, 23 pp. maps; ill. (incomplete reference)
- Bartley, J.M., and Wernicke, B.P., 1984, The Snake Range decollement interpreted as a major extensional shear zone: Tectonics, v. 3, p. 657. (T)
- Bartley, J.M., Fletcher, J.M., and Glazner, A.F., 1990, Tertiary extension and contraction of lower-plate rocks in the central Mojave metamorphic core complex, southern California: Tectonics, v. 9, p. 521-534.
- Bartley, J.M., Glazner, A.F., and Schermer, E.R., 1990, North-south contraction of the Mojave Block and strike-slip tectonics in southern California: Science, June 15, 1990, v. 248 (4961), p. 1398-1401.
- Barton, C.C., and Larsen, E., 1985, Fractal geometry of two-dimensional fracture networks at Yucca Mountain, southwest Nevada, *in* Stephansson, Ove, ed., Fundamentals of rock joints: Proceedings of the International Symposium on Fundamental Rock Joints, Bjorkliden, Lapland, Sweden, p. 77-84.
- Basse, R.A., 1978, Deepwater sedimentation in the Late Precambrian Amargosa basin: the Kingston Peak-Noonday sequence, Silurian Hills, California: Geological Society of America, Abstracts with Programs, v. 10, p. 94-95. (incomplete reference)
- Bass-Laszlo, S., Leviton, A.E., Aldrich, M.L., et al., 1984, Conodonts from the Pogonip Group, Nopah Range, southern Great Basin: 65th annual meeting of the Pacific Division, American Association for the Advancement of Science, 3, Part 1, p. 31. (incomplete reference)
- Bass-Laszlo, S.L., 1984, Early Ordovician through Early Silurian conodonts, Nopah Range, southern Great Basin, California: Geological Society of America, 97th annual meeting, v. 16, p. 439. (incomplete reference)
- Bass-Laszlo, S.L., 1984, Ordovician and Silurian conodonts, Nopah Range, Inyo County, California: 171.
- Bateman, P.C., 1965, Geology and tungsten mineralization of the Bishop District, California: U.S. Geological Survey Professional Paper 470, 208 p., 7 figures, map scale 1:743,500
- Bateman, P.C., 1992, Pre-Tertiary bedrock geologic map of the Mariposa 10 x 20 quadrangle, Sierra Nevada, California-Nevada: U.S. Geological Survey Miscellaneous Investigation Series Map 1-1960, scale 1:250,000.
- Bateman, P.C., and Irwin, W.P., 1954, Tungsten in southeastern California, *in* Jahns, R.H., ed., Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VIII, Contribution 4, p. 31-39.
- Bateman, P.C., and Merriam, C.W., 1954, Geology of the Owens Valley region, Inyo County, California, *in* Jahns, R.H., ed., Geology of southern California: California Division of Mines and Geology, California Division of Mines and Geology Bulletin 170, 1 sheet 1:250,000.
- Bateman, R.L., Mindling, A.L., Naff, R.L., 1974, Development and management of ground water in relation to preservation of desert pupfish in Ash Meadows, southern Nevada: University of Nevada, Desert Research Institute, Technical Report Series H-W, Hydrology and Water Resources Publication 17, 30 p., 3 Appendices.
- Bateman, R.L., Mindling, A.L., Naff, R.L., et al., 1972, Development and management of ground water and related environmental factors in arid alluvial and carbonate basins in southern Nevada: University of Nevada, Desert Research Institute, Center for Water Resources Research, Project Report. No. 18, 43 p.
- Bates, Edmond Elkins, Jr., 1965, Stratigraphic analysis of the Cambrian Carrara Formation, Death Valley region, California-Nevada: University of California at Los Angeles, unpublished Masters thesis, 228p. (incomplete reference)
- Bauer, S.J., Ehgartner, B.L., and Hardy, M.P., 1989, Preliminary methodology for design of stable drifts for the Yucca Mountain Project.: Albuquerque, New Mexico: Sandia National Laboratories, SAND89-2073C, 9 p.
- Baxter, S.M., 1984, The formation and deformation of Cinder Hill, Death Valley, California, 16 p. maps. (incomplete reference)

- Beanland, S., and Clark, M.M., 1993, Late Quaternary history of the Owens Valley fault zone, eastern California, and surface rupture associated with the 1872 earthquake: Geological Society of America, 89th annual Cordilleran Section meeting and 46th annual Rocky Mountain Section meeting, v. 25, no. 7. (incomplete reference)
- Beanland, S., and Clark, M.M., 1994, The Owens Valley fault zone, eastern California, and surface faulting associated with the 1872 earthquake: U.S. Geological Survey Bulletin, 29, 4 sheets. (incomplete reference)
- Beard, B.L., 1986, Soft sediment deformation features in the lacustrine deposits of Lake Tecopa Inyo County, California, 19 p., (incomplete reference)
- Beatley, J.C., 1971, Ecologic and geographic distributions of the vascular plants of southern Nye County, and adjacent parts of Clark, Lincoln, and Esmeralda counties, Nevada. (incomplete reference)
- Beaty, C.B., 1960, Gradational Processes in the White Mountains of California and Nevada: University of California-Berkeley, Ph.D. Dissertation, 260 p. (unpublished).
- Beaty, C.B., 1961, Topographic effects of faulting, Death Valley, California: Annals of the Association of American Geographers, v. 51, no. 2, p. 234-240.
- Beaty, C.B., 1963, Origin of alluvial fans, White Mountains, California and Nevada: Annals of the Association of American Geographers, v. 53, p. 516-535.
- Beaty, C.B., 1968, Sequential Study of Desert Flooding in the White Mountains of California and Nevada: U.S. Army Natick Laboratories, Technical Report 68-31-ES, 96 p.
- Beaty, C.B., 1969, Terraces on an Alluvial Fan, Western Nevada, USA: Communications, VIII Congress, International Union for Quaternary Research, Paris, p. 6.
- Beaty, C.B., 1970, Age and estimated rate of accumulation of an alluvial fan, White Mountains, California, USA: American Journal of Science, v. 268, p. 50-77.
- Baumont, P., and Oberlander, T.M., 1971, Observations on stream discharge and competence at mosaic canyon, Death Valley, California: Geological Society of America Bulletin, v. 82, no. 6, p. 1695-1698.
- Baumont, P., and Oberlander, T.M., 1973, Litter as a geomorphological aid, Death Valley, California: Geography, v. 58, no. pt. 2, p. 136-141.
- Bechtold, I.C., Reynolds, J.T., and Wagner, G., 1975, Application of Skylab imagery to resource exploration in the Death Valley region: National Aeronautics and Space Administration Technical Memorandum X-58168, v. I-B, Geology Information Systems and Services, p. 665-672., Washington, DC. (I,M)
- Beck, D.A., and Glancy, P.A., 1995, Overview of runoff of March 11, 1995, in Fortymile Wash and Amargosa River, southern Nevada: U.S. Geological Survey Fact Sheet FS-210-95, 4 p.
- Beck, W., Donahue, D.J., Jull, A.J.T., Burr, G., Broecker, W.S., Bonani, G., Hajdas, I., Malotki, E., and Dorn, R.I., 1998, Ambiguities in direct dating of rock surfaces using radiocarbon measurements: Science, v. 280, p. 2132-2139.
- Bedinger, M.S. Doug, 1998, Death Valley: a hydrogeologic ecosystem in perspective, *in* Ground water resource issues of Death Valley National Park related to Timbisha Shoshone proposed reservations, U.S. National Park Service, 106 pages. (incomplete reference)
- Bedinger, M.S., 1989, Geohydrologic aspects for siting and design of low-level radioactive waste disposal: U.S. Geological Survey Circular 1034, 36 p.
- Bedinger, M.S., 1994, Compilation of technical notes for development of the Department of Interior (DOI) regional model of the carbonate-rock province of Nevada and adjacent states: Private Consultant Report, 29 p., 11 Appendix, 1 plate.
- Bedinger, M.S., 1994, Memorandums pertaining to ground water model calibration of northeast quadrant, carbonate-rock province, Nevada and adjacent states (Stetson Contract): Private Consultant. (incomplete reference)
- Bedinger, M.S., Harrill, J.R., Langer, W.H., Thomas J.M., and Mulvihill, D.A., 1985, Maps showing ground-water levels, springs, and depth to ground water, Basin and Range Province, Nevada: U.S. Geological Survey Water-Resources Investigations Report 83-4119-B, 10 p., 2 plates, map scale 1:500,000.
- Bedinger, M.S., Lanager, W.H., and Reed, J.E., 1989, Ground-water hydrology: Studies of geology and hydrology in the Basin and Range Province, Southwestern United States, for isolation of high-level radioactive waste- -characterization of the Death Valley Region, Nevada and California., US Geological Survey, Studies of geology and hydrology for isolation of high-level radioactive waste, pages F28-F35. Available from Books and Open Files Reports Section, USGS Box 25425, Denver, CO 80225.

- Bedinger, M.S., Langer, W.H., and Moyle, W.R., 1984, Maps showing ground water units and withdrawal, Basin and Range Province, Southern California: U.S. Geological Survey Water-Resources Investigations Report 83-4116-A, 10 p., 2 plates, map scale 1:500,000.
- Bedinger, M.S., Langer, W.H., and Reed, J.E., 1986, Synthesis of hydraulic properties of rocks with reference to the Basin and Range Province, southwestern United States: U.S. Geological Survey Water-Supply Paper 2310. (incomplete reference)
- Bedinger, M.S., Langer, W.H., and Reed, J.E., 1989, Ground water hydrology *in* Bedinger, M. S., Sargent, K. A., and Langer, William H., eds., Studies of geology and hydrology in the Basin and Range Province, Southwestern United States, for isolation of high-level radioactive waste—characterization of the Death Valley Region, Nevada and California: U.S. Geological Survey Professional Paper 1370-F, p. 28-35.
- Bedinger, M.S., Langer, W.H., and Reed, J.E., 1989, Hydraulic properties of rocks in the Basin and Range Province *in* Bedinger, M. S., Sargent, K. A., and Langer, William H., Sherman, F. B., Reed, J.E., and Brady, B.T., eds., Studies of geology and hydrology in the Basin and Range Province, Southwestern United States, for isolation of high-level radioactive waste—Basis of characterization and evaluation: U.S. Geological Survey Professional Paper 1370-A, p. 16-18.
- Bedinger, M.S., Sargent, K.A., and Langer, W.H., 1989, Studies of geology and hydrology in the Basin and Range Province, Southwestern United States, for isolation of high-level radioactive waste—characterization of the Death Valley Region, Nevada and California: U.S. Geological Survey Professional Paper 1370-F, 49 p., 8 plates.
- Bedinger, M.S., Sargent, K.A., and Reed, J.E., 1984, Geologic and hydrologic characterization and evaluation of the Basin and Range province relative to the disposal of high-level radioactive waste — Part 1, introduction and guidelines: U.S. Geological Survey Circular 904-A. (incomplete reference)
- Belasky, P., 1988, Stratigraphy and paleogeographic setting of the Mississippian Monte Cristo Group in the Spring Mountains, Nevada: San Jose, CA, San Jose State University. (incomplete reference)
- Bell, J.W., Feuerbach, D.L., Ramelli, A.R., 1994, Geologic map of the Crater Flat area, Nevada: Nevada Bureau of Mines and Geology, Map101. (incomplete reference)
- Benmore, W.C., 1974, Stratigraphy and paleoecology of the lower Johnnie Formation, southern Nopah Range, eastern California. (incomplete reference)
- Benmore, W.C., 1978, Stratigraphy, sedimentology and paleoecology of the late Paleozoic or earliest Phanerozoic Johnnie Formation, eastern California and southwestern Nevada: Unpublished Ph.D. dissertation, University of California at Santa Barbara. (incomplete reference)
- Bennett, R.A., Davis, J.L., and Wernicke, B.P., 1998, Continuous GPS measurements of contemporary deformation across the northern and Range, Geophysical Research Letters, v. 25, p. 563-566. (N)
- Bennett, R.A., Davis, J.L., and Wernicke, B.P., 1999, Present-day deformation of the western U.S. Cordillera, *Geology*, v. 27 (in press) (incomplete reference)
- Bennett, R.A., Wernicke, B.P., Davis, J.L., Elósegui, P., Snow, J.K., Abolins, M.J., House, M.A., Stirewalt, G.L., Ferrill, D.A., 1997, Global positioning system constraints on fault slip rates in the Death Valley region, California and Nevada: *Geophysical Research Letters*, v. 24, p. 3073-3076. (N)
- Benson, L., and Klieforth, H., 1989, Stable isotopes in precipitation and groundwater in the Yucca Mountain Region, southern Nevada: Paleoclimatic implications: American Geophysical Union, *Geophysical Monograph* 55, p. 41-59.
- Benson, L.V., Currey, D.R., Dorn, R.I., Lajoie, K.R., Oviatt, C.G., Robinson, S.W., Smith, G.I., and Stine, S., 1990, Chronology of expansion and contraction of four Great Basin lake systems during the past 35,000 Years: *Paleogeography, Paleoclimatology, Paleocology*, v. 78, p 241-286.
- Benson, L.V., and Klieforth, H., 1989, Stable isotopes in precipitation and ground water in the Yucca Mountain region, southern Nevada—Paleoclimate implications, *in* Peterson, D.H., ed., *Aspects of climate variability in the Pacific and the western Americas*: American Geophysical Union, *Geophysical Monograph* 55, p. 41-59.
- Benson, L.V., and Mckinley, P.W., 1985, Chemical composition of ground water in the Yucca Mountain area, Nevada - 1971-1984: U.S. Geological Survey Open-File Report 85-484, 10 p.
- Benson, L.V., Currey, D.R., Dorn, R.I., Lajoie, K.R., Oviatt, C.G., Robinson, S.W., Smith, G.I., and Stine, S., 1990, Chronology of expansion and contraction of four Great Basin lake systems during the past 35,000 years: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 78, p. 241-286.

- Benson, L.V., Robinson, J.H., Blankennagel, R.K., and Ogard, A.E., 1983, Chemical Composition of ground water and the locations of permeable zones in the Yucca Mountain area, Nevada: U.S. Geological Survey Open-File Report 83-854, 19 p.
- Bentley, C.B., 1984, Geohydrologic data for test well USW G-4 Yucca Mountain Area, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-063, 48 p.
- Bentley, C.B., Robison, J.H., and Spengler, R.W., 1983, Geohydrologic data for test well USW H-5 Yucca Mountain Area, Nye County, Nevada: U.S. Geological Survey Open-File Report 83-853, 34 p.
- Beratan, K.K., and Murray, B., 1992, Stratigraphy and depositional environments, southern Confidence Hills, Death Valley, California, *in* The Confidence Hills, southern Death Valley, California—Depositional environments, magnetostratigraphy, and Plio-Pleistocene strata: San Bernardino County Museum Association Quarterly, v. 39, no. 2, p. 7-11. S
- Beratan, K.K., Hsieh, J., and Murray, B., 1999, in press, Pliocene/Pleistocene stratigraphy and depositional environments, southern Confidence Hills, Death Valley, California, *in* Wright, L. A., and Troxel, B. W., eds., Cenozoic basins of the Death Valley region: Geological Society of America Special Paper 333. (incomplete reference)
- Berenbrock, C., 1987, Ground-water data for Indian Wells Valley, Kern, Inyo, and San Bernardino Counties, California, 1977-84: U.S. Geological Survey Open-File Report 86-315, 55 p.
- Berenbrock, C., and Martin, P., 1991, The ground-water flow system in Indian Wells Valley, Kern, Inyo, and San Bernardino Counties, California: U.S. Geological Survey Water-Resources Investigations Report 89-4191, 81 p.
- Berger, D.L., 1992, Lithologic properties of carbonate rock aquifers at five test wells in the Coyote Spring Valley area, southern Nevada, as determined from geophysical logs: U.S. Geological Survey Water-Resources Investigation Report 91-4167, 26 p.
- Bergfeld, D., Nabelek, P.I. and Labotka, T.C., 1996, Carbon isotope exchange during polymetamorphism in the Panamint Mountains, California, USA: *Journal of Metamorphic Geology*, v. 14, p. 199-212.
- Bergfeld, D., Nabelek, P.I., Labotka, T.C., et al., 1992, Stable isotope evidence for hydrologic conditions during regional metamorphism in the Panamint Mountains, California: Geological Society of America, 1992 annual meeting, v. 24, p. 249-250.
- Bergfeld, D., Nabelek, P.I., Labotka, T.C., et al., 1993, Stable isotope evidence for fluid flow during regional metamorphism in the Panamint Mountains, California: Geological Society of America, 1993 annual meeting, v. 25, p. 80.
- Berkstresser, C.F., 1974, Tallest (?) sand dune in California: *California Geology*, v. 27, p. 187. (incomplete reference)
- Berlin, G.L., 1980. Possible fault detection in Cottonball Basin, California: An application of radar remote sensing. *Remote Sensing of Environment*, v. 10, no. 1, p. 33-42. (I,N)
- Berry, W.B.N., and Boucot, A.J., 1970, Correlation of the North American Silurian rocks: Geological Society of America Special Paper 102, 289 p.
- Beutner, M.L., Andraski, B.J. and Runge, E.C.A., 1989, Comparison of standard and simplified hydrometer methods for textural analysis of a desert soil near Beatty, Nevada: Proceedings, 81st annual meeting of the American Society of Agronomy, Las Vegas, NV, October 1989, v. 81, p. 184.
- Biasi, G. and Humphreys, E., 1992, P-wave image of the upper mantle structure of central California and southern Nevada: *Journal of Geophysical Research Letters*, v. 19, p. 1161-1164.
- Biddle, K. and Blick, N.C., 1985, Strike-slip deformation, basin formation, and sedimentation: Society for Sedimentary Geology (or previously The Society of Economic Paleontologists and Mineralogists), Special Publication Number 37, 386 p. (incomplete reference)
- Bierman, P.R., and Gillespie, A.R., 1990, Varnish cation-ratio dates—How precise can they be?: Geological Society of America, Abstracts with Programs, v. 22, p. 8.
- Bierman, P.R., and Gillespie, A.R., 1991, Accuracy of rock varnish chemical analyses—Implications for cation-ratio dating: *Geology*, v. 19, p. 196-199.
- Bierman, P.R., and Gillespie, A.R., 1991, Range fires—A significant factor in exposure-age determination and geomorphic surface evolution: *Geology*, v. 19, p. 641-644.
- Bierman, P.R., and Gillespie, A.R., 1994, Evidence suggesting that methods of rock-varnish cation-ratio dating are neither comparable nor consistently reliable: *Quaternary Research*, v. 41, p. 82-90.
- Bierman, P.R., and Gillespie, A.R., 1994. Evidence against reliability and reproducibility of rock-varnish cation-ratio dating methods: *Quaternary Research*, v. 40, p. 82-90. (Q,C)

- Bierman, P.R., Gillespie, A., Whipple, K.X., et al., 1991, Quaternary geomorphology and geochronology of Owens Valley, California, *in* Geological excursions in Southern California and Mexico: Geological Society of America field trip, p. 199-223. (incomplete reference)
- Bierman, P.R., Gillespie, A.R., and Caffee, M.W., 1995, Cosmogenic ages for earthquake recurrence intervals and debris flow fan deposition, Owens Valley, California: *Science*, v. 270, p. 447-450.
- Bischoff, J.L., Fitts, J.P., and Fitzpatrick, J.A., in press, Responses of sediment geochemistry to paleoclimate change in Owens Lake Basin, California - an 800 ka record of saline/fresh cycles: Geological Society of America Special Paper (in press as of 1996) (incomplete reference).
- Bischoff, J.L., Rosenbauer, R.J., and Smith, G.I., 1985, Uranium-series dating of sediment from Searles Lakes: Differences between continental and marine climatic records: *Science*, v. 227, p. 1222-1224.
- Bish, D.L., and Chipera, S.J., 1989, Revised mineralogic summary of Yucca Mountain, Nevada: Los Alamos National Laboratory Report LA-11497-MS, 68 p.
- Blackford, J.L., 1944, Salinas and dry lakes: *Nature Magazine (Paris)*, v. 37, p. 371-372.
- Blackmon, Paul D., 1953, Soil samples from Racetrack Playa, Death Valley National Monument, Calif.. (incomplete reference)
- Blackwelder, E., 1929, Geology of Death Valley [abs.]: *Pan-American Geologist*, v. 51, p. 369.
- Blackwelder, E., 1930, Geology of Death Valley [Abstract]: *Geological Society of America Bulletin*, v. 41, p. 150.
- Blackwelder, E., 1931, Pleistocene glaciation in the Sierra Nevada and Basin Ranges: *Geological Society of America Bulletin*, v. 42, p. 865-922.
- Blackwelder, E., 1933, Lake Manly, an extinct lake of Death Valley: *Geographical Review*, v. 23, p. 464-471.
- Blackwelder, E., 1934, Supplementary Notes on Pleistocene Glaciation in the Great Basin: *Journal of the Washington Academy of Science*, v. 24, p. 217-222.
- Blackwelder, E., 1935, Pleistocene Lake Tecopa: *Geological Society of America, Abstracts with Programs*, p. 333.
- Blackwelder, E., 1935, Talus slopes in the Basin and Range province: *Proceedings of the Geological Society of America for 1934*, p. 317.
- Blackwelder, E., 1941, Lakes of two ages in Searles Basin [abs.]: *Geological Society of America Bulletin*, v. 52, p. 1943-1944.
- Blackwelder, E., 1948, Historical significance of desert lacquer [abs.]: *Geological Society of America Bulletin*, v. 59, p. 1367.
- Blackwelder, E., 1948, The geological background in The Great Basin, with emphasis on glacial and postglacial times: *University of Utah Bulletin*, v. 38, no. 20, *Biological Series* v.10, no. 7 p. 3-16. (incomplete reference)
- Blackwelder, E., 1954, Pleistocene lakes and drainage in the Mojave region, southern California, *in* Jahns, R.H., ed., *Geology of southern California: California Division of Mines Bulletin No. 170*, p. 35-40.
- Blackwelder, E., 1979, Late Quaternary Faulting along the Northern Death Valley-Furnace Creek Fault System, California and Nevada: University of Nevada, Reno, unpublished Ph.D. thesis, 250 p., 2 appendices, 10 plates, (work in progress).
- Blackwelder, E., and Ellsworth, E.W., 1936, Pleistocene lakes of the Afton Basin, California: *American Journal of Science*, v. 31. (incomplete reference).
- Bladow, T.L., 1988, Regional metamorphism in the Keane Wonder Mine area, Death Valley National Monument Gregory, Jennifer L., and Baldwin, E.J., eds., *Geology of the Death Valley region: South Coast Geological Society, Inc.*, p. 372-375, 429 p.
- Blair, T.C. and McPherson, J.G., 1994, Alluvial fans and their natural distinction from rivers based on morphology, hydraulic processes, sedimentary processes, and facies assemblages: *Journal of Sedimentary Research*, v. A 64, no. 3, p. 450-489.
- Blair, T.C., and McPherson, J.G., 1994, Alluvial fan processes and forms, *Chapter 14 in* Abrahams, Athol D., and Parsons, Anthony J., Editors, *Geomorphology of Desert Environments: London, Chapman & Hall, London*, p. 354-402.
- Blair, T.C., and Reynolds, R.J., 1999, in press, Sedimentology, stratigraphy, and paleotectonic interpretations of Lower Pliocene fan-delta lacustrine deposits, Hole in the Wall and Wall Front Members, Furnace Creek basin, Death Valley, California, *in* Wright, L. A., ; Troxel, B. W., eds., *Cenozoic basins of the Death Valley region, California: Geological Society of America Special Paper 333*. (incomplete reference)
- Blake, J.G., and Charles L.D., and Linda F. T., 1981, Spatial variation in transferring allele frequencies among herds of feral donkeys in Death Valley National Monument, California: *Journal Mammal.*, v. 62, no. 1, p. 58-63.

- Blake, John Gilman, 1977, Serum protein polymorphisms of the feral ass (*Equus Asinus*) In Death Valley National Monument: University of Nevada (Las Vegas), M.S. thesis (incomplete reference)
- Blakely, R.J., 1988, Curie temperature isotherm analysis and tectonic implications of aeromagnetic data from Nevada: *Journal of Geophysical Research*, v. 93, p. 11,817–11,832. (T,G)
- Blakely, R.J., 1995, *Potential theory in gravity and magnetic applications*: Cambridge University Press, New York, 441 p. (G)
- Blakely, R.J., and Connard, G.G., 1989, Crustal studies using magnetic data, *in* Pakiser, L.C., and Mooney, W.D., editors, *Geophysical framework of the continental United States*: Geological Society of America Memoir 172, p. 45–60. (G)
- Blakely, R.J., and Jachens, R.C., 1991, Regional study of mineral resources in Nevada: insights from three-dimensional analysis of gravity and magnetic anomalies: *Geological Society of America Bulletin*, v. 103, p. 795–803. (T,G)
- Blakely, R.J., and McKee, E.H., 1985, Subsurface structural features of the Saline Range and adjacent regions of eastern California as interpreted from isostatic residual gravity anomalies: *Geology*, v. 13, p. 781–785. (T,G)
- Blakely, R.J., Jachens, R.C., and Calzia, J.P., 1994, Regional aspects of the Death Valley extended terrane based on new gravity and magnetic compilations : *Geological Society of America Abstracts with Programs*, v. 26, no. 2, p. 38-39. T
- Blakely, R.J., Jachens, R.C., Calzia, J.P., and Langenheim, V.E., 1998, Cenozoic basins of the Death Valley extended terrane as reflected in regional-scale gravity anomalies, *in* Wright, L.A., and Troxel, B.W., eds., *Cenozoic basins of the Death Valley region*: Geological Society of America Special Paper 333, in press. (T,G)
- Blakey, J.F., 1966, *Temperature of surface waters in the coterminous United States*: U.S. Geological Survey Hydrologic Investigations Map HA-235, map scale 1:5,000,000.
- Blanc, R.P., and Cleveland, G.B., 1961, Pleistocene lakes of southeastern California, parts I and II: *California Division of Mines, Mineral Information Service*, v. 14, no. 4, p. 1-8.
- Blanc, Robert P., 1958, *Geology of the Deep Spring Valley area, White- Inyo Mountains, California*: University of California at Los Angeles, unpublished Masters Thesis. (incomplete reference)
- Blank, H.R., 1988, Basement structure in the Las Vegas region from potential field data: *Geological Society of America Abstracts with Programs*, v. 20, p. 144. (incomplete reference) (T,G)
- Blankennagel, R.K., and Weir, J.E., Jr., 1973, *Geohydrology of the eastern part of Pahute Mesa, Nevada Test Site, Nevada*: U.S. Geological Survey Professional Paper 712-B, 35 p.
- Blifford, I.H.J., and Gillette, D.A., 1971, Applications of the lognormal frequency distribution to the chemical composition and size distribution of naturally occurring atmospheric aerosols: *Water Air Soil Pollution*, v. 1, no. 1, p. 106-114. (incomplete reference)
- Blom, R., and C. Elachi, 1987, Multifrequency and multipolarization radar scatterometry of sand dunes and comparison with spaceborne and airborne radar images: *Journal of Geophysical Research*, v. 92, p. 7877-7889. (I)
- Blumberg, D.G., and Greeley, R., 1993, AIRSAR views of aeolian terrain, *in* *Summaries of the Fourth Annual JPL Airborne Geoscience Workshop*: JPL Publication 93-26, 1993, p. 9-12.
- Blumberg, D.G., and Greeley, R., 1993, Field studies of aerodynamic roughness length: *Journal of Arid Environment*, v. 25, p. 39-48. (I,Q)
- Blumberg, D.G., and Greeley, R., 1994. *Spaceborne Radar Laboratory-1: estimates of aerodynamic roughness*: *Geological Society of America Abstracts with Programs*, v. 26, no. 7, p. 128. (I,G)
- Boardman, J.W., and Kruse, F.A., 1994, Automated spectral analysis, a geological example using AVIRIS data, north Grapevine Mountains, Nevada: University of Colorado, Department of Geological Sciences, Paper presented at the tenth Thematic Conference on Geologic Remote Sensing, San Antonio, Texas, 9-12 May, 1994, p. I-407 to I-418.
- Bodewig, C. and Rath, G.V., 1885, Colemanit aus Californien: *Zeitschrift fuer Kristallographie*, p. 179-186. (incomplete reference)
- Boland, S., and Goodlett, G., 1997, *Desert tortoise survey conducted in Death Valley National Park*. (incomplete reference)
- Boley, F.I., Palsedge, J.A., and Baum, J.H., 1962, Altitude dependence of the longitudinal distribution of atmospheric Cerenkov radiation: *The Physical Review*, v. 126, no. 2, p. 734-735.
- Bonilla, M.G., 1970, Surface faulting and related effects, *in* Wiegel, R.L., ed., *Earthquake Engineering*: Prentice-Hall, Inc., Englewood Cliffs, NJ, p. 47-74.

- Bonilla, M.G., 1982, Evaluation of potential surface faulting and other tectonic deformation: U.S. Geological Survey Open-File Report 82-732, 58 p.
- Bonner, L.J., Elliott, P.E., Etchemendy, L.P., Swartwood, J.R., 1998, Water resources data, Nevada, water year 1997: U.S. Geological Survey Water-Data Report NV-97-1, 636 p.
- Boothroyd, J.C., and Nummedal, D., 1975, Depositional patterns of Alaskan and Icelandic coastal sandurs compared with some Death Valley alluvial fans: Geological Society of America, Abstracts With Programs, v. 7, no. 7, p. 1004.
- Borg, I.Y., Stone, R., Levy, H.B., and Ramspott, L.D., 1976, Information pertinent to the migration of radionuclides in ground water at the Nevada Test Site, Part 1, Review and analysis of existing information: Lawrence Livermore National Laboratory Report UCRL-52078 Part 1, 216 p.
- Borns, D.J., 1990, An integrated study of Basin and Range processes along a transect from Death Valley to Yucca Flat: Geological Society of America, 1990 annual meeting, v. 22, p. 192. (incomplete reference)
- Bostic, R.E., Kane, R.L., Kipfer, K.M., and Johnson, A.W., 1997, Water resources data, Nevada, water year 1996: U.S. Geological Survey Water-Data Report NV-96-1, 611 p. 27.
- Boucher, M.S., 1994, Precision and accuracy of manual water-level measurements taken in the Yucca Mountain Area, Nye County, Nevada, 1988-90: U.S. Geological Survey Water-Resources Investigations Report 93-4025, 18 p.
- Boucher, M.S., 1994, Water levels in wells J-11 and J-12, 1989-91, Yucca Mountain area, Nevada: U.S. Geological Survey Open-File Report 94-303, 9 p.
- Bouton, Katherine Alice, 1984, A spectral reflectance study of the sedimentary Paleozoic rocks around Racetrack Valley in Death Valley National Monument., California State University, Northridge; Master's thesis. (incomplete reference)
- Bowers, J.C., 1990, Potential hazards from floodflows in Grapevine Canyon, Death Valley National Monument, California and Nevada: U.S. Geological Survey Water-Resources Investigations Report 89-4063, 19 p., 1 plate.
- Bowser, C.J., and Dickson, F.W., 1966, Chemical zonation of the borates of Kramer borate ore body, Boron, California, *in* Rau, J.L., ed., Symposium on salt: v. 1: Northern Ohio Geologic Society, Inc, p. 122-132.
- Bowser, Carl J., 1964, Geochemistry and petrology of the sodium borates in non-marine evaporite environments: Los Angeles, CA, University of California. (incomplete reference)
- Boyd, J., 1929, The saline deposits of Death Valley, California: Chem. Eng. and Min. Rev., Melbourne, v. 21, p. 287-290. (incomplete reference)
- Boyd, J., 1929, The saline deposits of Death Valley: Mining Journal, v. 13, p. 7-9, 14-16.
- Boyer, S.E., and Allison, M.L., 1987, Estimates of extension in the Basin and Range Province: Geological Society of America, Abstracts with Programs, v. 19, p. 597. (incomplete reference)
- Bradbury, J.P., 1997, A diatom record of climate and hydrology for the past 200 ka from Owens Lake, California, with comparison to other Great Basin records: Quaternary Science Reviews, v. 16, p. 203-219.
- Bradbury, J.P., 1997, A diatom-based paleohydrologic record of climate change for the past 800 k.y. from Owens Lake, California: An 800,000-year paleoclimatic record from core OL-92, Owens Lake, Southeast California: Geological Society of America, Special Paper 317, p. 99-112.
- Bradley, H.C., 1963, Race Track theories: Pacific Discovery, v. 16, no. 2, p. 24-26.
- Bradley, W.G.A.J.E.D., 1971, The Ecology Of Small Mammals At Saratoga Springs, Death Valley National Monument, California: J.Ariz. Acad. Sci., v. 6, no. 3, p. 206-215. (incomplete reference)
- Brady R.H., III, 1985, Geology of the Avawatz Mountains, San Bernardino County, California: Davis, University of California, unpublished Ph. D thesis, scale 1:24,000. (incomplete reference)
- Brady, B.T., 1989, Mineral and energy resources Studies of geology and hydrology in the Basin and Range Province, Southwestern United States, for isolation of high-level radioactive waste—Characterization of the Death Valley Region, Nevada and California: US Geological Survey, Studies of geology and hydrology for isolation of high-level radioactive waste, pages F36-F49 Available from Books and Open Files Reports Section, USGS Box 25425, Denver, CO 80225.
- Brady, R.A., Wernicke, B.P., and Fryxell, J.E., 1999, Kinematic evolution of a large-offset continental normal fault system, South Virg Mountains, Nevada, Geological Society of America Bulletin, v. 111 (in press). (M,T)

- Brady, R.H. III, 1982, Geology at the intersection of the Garlock and Death Valley fault zones, northeastern Avawatz Mountains, California—A field guide, *in* Cooper, John D., Troxel, Bennie W., and Wright, Lauren A., Editors, Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook, field trip no. 9, 78th Anniversary Meeting of the Cordilleran Section, Geological Society of America: Shoshone CA, Death Valley Publishing Company, p. 53-59.
- Brady, R.H., III, 1986, Cenozoic geology of the northern Avawatz Mountains in relation to the intersection of the Garlock and Death Valley fault zones, San Bernardino County, California: Davis, University of California, Ph.D. dissertation, map scale 1:24,000, 292 p., 2 pls., 19 figs. (T)
- Brady, R.H., III, 1986, Stratigraphy and tectonics of the northern Avawatz Mountains at the intersection of the Garlock and Death Valley fault zones, San Bernardino County, California—A field guide, *in* Troxel, B.W., ed., Quaternary tectonics of southern Death Valley, California—Field trip guide: Shoshone, California, Published by Bennie W. Troxel, Prepared for Friends of the Pleistocene, Pacific Cell, October 31, November 1 and 2, 1986, p. 1-12. (S,T)
- Brady, R.H., III, 1988, Southward continuation of the southern Death Valley fault zone from the Avawatz Mountains to the Bristol Mountains, San Bernardino County, California: Geological Society of America Abstracts with Programs, v. 20, no. 3, p. 145. T()
- Brady, R.H., III, 1989. Thematic Mapper and field investigations at the intersection of the Death Valley and Garlock fault zones, California. *Remote Sensing of Environment* 28, 207-217. (T,I)
- Brady, R.H., III, 1991, Geology at the intersection of the Garlock and Death Valley fault zones, northern Avawatz Mountains [California]—Mojave Desert Quaternary Research Center field trip road log: *California Geology*, v. 44, no. 10, p. 222- 231. (T)
- Brady, R.H., III, 1993, Neogene sedimentary rocks in the southern Owlshhead Mountains: constraint on displacement of the eastern Garlock zone, *in* Sherrod, D., and Neilson, J., eds., Tertiary stratigraphy of highly extended terranes, California, Arizona and Nevada: U. Geological Survey Bulletin 2053, p. 25-29.
- Brady, R.H., III, and Nilsen, T.H., 1984, Neogene stratigraphy of the Avawatz Mountains between the Garlock and Death Valley fault zones, southern Death Valley, California, implications as to late Cenozoic tectonism: Fluvial sedimentation and related tectonic framework, western North America: *Sedimentary Geology*, v. 38, p. 127-157.
- Brady, R.H., III, and Troxel, B.W., 1981, Eastward Termination of the Garlock Fault in the Avawatz Mountains, San Bernardino County, California: Geological Society of America Abstracts with Programs, v. 13, no. 2, p. 46-47.
- Brady, R.J., 1998, The geology of the Gold Butte breakaway zone and the mechanical evolution of normal fault systems: California Institute of Technology, Ph.D. thesis, 189 p. (M,C,T)
- Brady, W.J., and Fisk, E.L., 1973, The possible use of Jackass Flats for geothermal energy research. Mercury, Nevada: Reynolds Electrical & Engineering Co., Apr. 7, 1973, p.
- Brandt, Roger, 1990, List of fossils found in Death Valley National Monument. (incomplete reference)
- Bredehoeft, J.D., 1967, Response of well-aquifer systems to earth tides: *Journal of Geophysical Research*, v. 72, no. 12, p. 3075-3087.
- Bredehoeft, J.D., Belitz, K., and Sharp-Hannen, 1992, The hydrodynamics of the Big Horn Basin: A study of the role of faults: *American Association of Petroleum Geologists Bulletin*, v.76, no. 4, p. 530-546.
- Bredehoeft, J.D., Black, W., and Handshaw, B.B., 1982, Regional ground-water flow concepts in the United States: historical perspective *in* Narasimhan, T. N., ed., Recent trends in hydrogeology: Geological Society of America Special Paper 189, p. 297-316.
- Bredehoeft, J.D., King, M.J., and Tangborn, W., 1996, An evaluation of the hydrology at Yucca Mountain - the lower carbonate aquifer and Amargosa River: Private Consultants, The Hydrodynamics Group, Oversight Consultants, P.O. Box 352 (234 Scenic Drive) La Honda, California 94020, 23 p., 12 figures, 2 tables.
- Brennan, R., and Quade, J., 1995, Radiocarbon dating of fossil mollusk shells in the Yucca Mountain region, *in* Conference on high-level radioactive waste management, 6th meeting, Las Vegas, Nevada, Proceedings: American Society of Civil Engineers, p. 182-183. (incomplete reference)
- Brewer, R., 1964, Cutans—Their definition, recognition, and classification: *Journal of Soil Science*, v. 11, p. 280-292.

- Brikowski, T., 1993, Predicted fate of Tritium residuum from groundwater tracer experiments in the Amargosa Desert, Southern Nevada: University of Nevada at Las Vegas, Water Resources Center, Desert Research Institute, Publication 45103, DOE/NV/10845-19, UC 703, 22 p.
- Britten, H.B., and Rust, R.W., 1996, Population structure of a sand dune-obligate beetle, *Eusattus muricatus*, and its implications for dune management: *Conservation Biology*, v. 10, no. 2, p. 647-652.
- Brocher, T.M., 1995, Seismic reflection investigations, in, Major results of geophysical investigations at Yucca Mountain and vicinity, southern Nevada: U.S. Geological Survey Open-File Report 95-74, p. 121-134.
- Brocher, T.M., and Hunter, W.C., 1996, Seismic reflection evidence against a shallow detachment beneath Yucca Mountain, Nevada: *Proceedings of the Seventh International Conference on High Level Waste Management*, p. 148-150.
- Brocher, T.M., Carr, M.D., Fox, K.F., Jr., and Hart, P.E., 1993, Seismic reflection profiling across Tertiary extensional structures in the eastern Amargosa Desert, southern Nevada, Basin and Range Province: *Geological Society of America Bulletin*, v. 105, p. 30-46.
- Brocher, T.M., Hart, P.E., and Carle, S.F., 1990, Feasibility study of the seismic reflection method in Amargosa Desert, Nye County, Nevada: U.S. Geological Survey Open-File Report 89-133, 150 p.
- Brocher, T.M., Hart, P.E., Hunter, W.C., and Langenheim, V.E., 1996, Hybrid-source seismic reflection profiling across Yucca Mountain—Regional lines 2 and 3: U.S. Geological Survey Open-File Report 96-28, 97 p. .
- Brocher, T.M., Hunter, W.C., and Langenheim, V.E., 1998, Implications of seismic reflection and potential field geophysical data on the structural framework of the Yucca Mountain-Crater Flat region, Nevada: *Geological Society of America Bulletin*, v. 110, no. 8, p. 947-971.
- Brocher, T.M., Oliver, H.W., Ponce, D.A., et al., 1995, Seismic reflection investigations: Major results of geophysical investigations at Yucca Mountain and vicinity, southern Nevada: U.S. Geological Survey Open-File Report, p. 121-133. (incomplete reference)
- Brogan, G.E. and Slemmons, D.B., 1970, Late Quaternary Fault Patterns Along the Death Valley - Furnace Creek Fault Zones, Death Valley and Fish Lake Valley, California and Nevada: *Geological Society of America Abstracts with Programs*, v. 2, no. 2, p. 74.
- Brogan, G.E., 1979, Late Quaternary faulting along the northern Death Valley - Furnace Creek fault system, California and Nevada: University of Nevada at Reno, unpublished Ph.D. dissertation, 250 p., 2 appendices, 10 plates.
- Brogan, G.E., Kellogg, K.S., Slemmons, D.B., and Terhune, C.L., 1991, Late Quaternary faulting along the Death Valley-Furnace Creek fault system, California and Nevada: *U.S. Geological Survey Bulletin* 1991, 23 p., 4 plates.
- Brothers, K., Buqo, T.S., and Tracy, J., 1993, Hydrology and steady state ground-water model of Coal and Garden Valleys, Lincoln and Nye Counties, Nevada: Las Vegas Valley Water District, Cooperative Water Project, Series Report Number 8, 52 p.
- Brothers, K., Buqo, T.S., and Tracy, J., 1993, Hydrology and steady state ground-water model of Snake Valley, East-Central Nevada and West-Central Utah: Las Vegas Valley Water District, Cooperative Water Project, Series Report Number 9. (incomplete reference)
- Brothers, K., Buqo, T.S., and Tracy, J., Kaufmann, R.F., Stock, M., Bentley, C., Zdon, A., and Kepper, J., 1993, Hydrology and steady state ground-water model of Cave Valley, Lincoln and White Pine Counties, Nevada: Las Vegas Valley Water District, Cooperative Water Project, Series Report Number 11, 48 p.
- Brown, C.B., 1994, Sedimentology, fluid inclusion geochemistry and paleoclimate implications from a salt core of Death Valley, California, 189. (incomplete reference)
- Brown, J.H., 1971, The Desert Pupfish: *Scientific America*, v. 225, no. 5, p. 104-110.
- Brown, J.O., Jr., 1981, The paleoecology of the *Palliseria* facies of the Antelope Valley Limestone. (incomplete reference)
- Brown, R.G., and Nichols, W.D., 1990, Selected meteorological data for an arid climate over bare soil, near Beatty, Nye County, Nevada, November 1977 through May 1980: U.S. Geological Survey Open-File Report 90-195, 48 p.
- Brown, T.P. and Lehman, L.L., and Nieber, J.L., 1994, Testing conceptual unsaturated zone models for Yucca Mountain, in *Proceedings, International High-level Radioactive Waste Conference*, Las Vegas, Nevada, May 22-26, 1994, p. 1999-2006. (incomplete reference)
- Brown, T.P., and Lehman, L.L., 1994, Updated analysis of water levels in Devil's Hole, Nevada: Private Consultants, L. Lehman & Associates, Burnsville, Minnesota, 15 p.
- Brown, W., 1953, Report on Devils Hole, Nevada, diving exploration: *The California Caver*, v. 5, no. 9, p. 3-4.

- Brown, W.J., and Rosen, M.R., 1995, Was there a Pliocene-Pleistocene fluvial-lacustrine connection between Death Valley and the Colorado River?: *Quaternary Research*, v. 43, p. 286-296.
- Brown, W.J., Rosen, M.R. and Reynolds, R.E., 1992, The depositional history of several desert basins in the Mojave Desert, implications regarding a Death Valley-Colorado River hydrologic connection, Old routes to the Colorado: San Bernardino County Museum Association Special Publication, v. 92, no. 2, p. 77-82. (incomplete reference)
- Broxton, D.E., Bish, D.L., and Warren, R.G., 1987, Distribution and chemistry of diagenetic minerals at Yucca Mountain, Nye County, Nevada: *Clays and Clay Minerals*, v. 35, no. 2, p. 89-110.
- Broxton, D.E., Chipera, S.J., Byers, F.M., Jr., and Rautman, C.A., 1993, Geologic evaluation of six non-welded tuff sites in the vicinity of Yucca Mountain, Nevada, for a surface-based test facility for the Yucca Mountain Project: Los Alamos National Laboratory Report LA-12542-MS, 83 p.
- Broxton, D.E., Warren, R.G., Byers, F.M., and Scott, R.B., 1989, Chemical and mineralogic trends within the Timber Mountain - Oasis Valley complex, Nevada - evidence for multiple cycles of chemical evolution in a long-lived silicic magma system: *Journal of Geophysical Research*, v. 94, no. B5, May 10, 1989, p. 5961-5984.
- Brun, J.P., and Pons, J., 1981, Strain patterns of pluton emplacement in a crust undergoing noncoaxial deformation: *Journal of Structural Geology*, v. 3, p. 219-229.
- Brunson, F.R., Overzet, D., and Greslin, R., 1985, Baseline floodplain analysis, Death Valley flood studies: Unpublished Engineering Report, Denver Service Center. (incomplete reference)
- Brunson, F.R., 1987, Structural flood mitigation, Scottys Castle supplement, Death Valley National Monument, California and Nevada: National Park Service, Denver Service Center, unpublished Engineering Report, 6 p., tables and drawings.
- Brunson, F.R., 1987, Structural mitigation, Emigrant Canyon and Ranger Station supplement: National Park Service, Denver Service Center, unpublished Engineering Report, 3 p., tables and drawings.
- Brunson, F.R., Davis, D., Gorden, T., Overzet, D., Snyder, S., and Tiernan, D., 1988, Flood mitigation study and environmental assessment, Death Valley National Monument, California and Nevada: National Park Service, Denver Service Center, *Death Valley Flood Studies*, v. III, March 1988, 224 p.
- Brunson, F.R., Gorden, T., and Greslin, R., 1985, Structural mitigation, Death Valley flood studies: Unpublished Engineering Report, Denver Service Center. (incomplete reference)
- Bryan, T.S., 1975, Origin of Death Valley borate deposits. (incomplete reference)
- Bryant, W.A., 1988, Deep Springs fault zone, northern Inyo County, California: California Department of Conservation, Division of Mines and Geology Fault Evaluation Report FER-202, map scale 1:62,500, 12 p. (N)
- Bryant, W.A., 1988, Northern Death Valley-Furnace Creek fault zone, southern Mono and eastern Inyo Counties, California: California Department of Conservation, Division of Mines and Geology Fault Evaluation Report FER-193, map scale 1:62,500, 20 p. (N)
- Bryant, W.A., 1989, Deep Springs fault, Inyo County, California—An example of the use of relative-dating techniques: *California Geology*, v. 42, no. 11, p. 243-255. (N,Q)
- Bryant, W.A., 1989, Panamint Valley fault zone and related faults, Inyo and San Bernardino Counties, California: California Department of Conservation, Division of Mines and Geology Fault Evaluation Report FER-206, map scale 1:62,500, 33 p. (N)
- Bryson, R.P., 1937, Faulted fanglomerates at the mouth of Perry Aiken Creek, northern Inyo Range, California-Nevada: Pasadena, California Institute of Technology, M.S. thesis, 50 p., 41 figs. (N)
- Buchiarelli, P.A., 1987, A brief history of Panamint Valley and the Panamint Mountains, *in* Gath, E. M., and others, Editors, *Geology and mineral wealth of the Owens valley region, California*, South Coast Geological Society, Inc., p. 65-69. (incomplete reference)
- Buckley, C.P., 1974, Interpretation of Mesozoic displacement along the Furnace Creek Fault, Fish Lake Valley, Nevada: *Geological Society of America Abstracts with Programs*, v. 6, no. 3, p. 149.
- Bucknam, R.C., Anderson, R.E., Crone, A.J., Haller, K.M., Machette, M.N., and Personius, S.F., 1996, Reconnaissance study of prehistoric surface ruptures on 15 faults, Yucca Mountain region, Nevada and California: *Geological Society of America, Abstracts with Programs*, v. 28, no. 7, p. A-194.

- Buesch, D.C., Dickerson, R.P., Drake, R.M., and Spengler, R.W., 1994, Integrated geology and preliminary cross section along the north ramp of the of Exploratory Studies Facility, Yucca Mountain, *in* Proceeding of the Fifth Annual International High-Level Radioactive Waste Management Conference, American Nuclear Society, v. 2, p. 1055-1065.
- Buesch, D.C., Spengler, R.W., Moyer, T.C., and Geslin, J.K., 1996, Proposed stratigraphic nomenclature and macroscopic identification of lithostratigraphic units of the Paintbrush Group exposed at Yucca Mountain, Nevada: U.S. Geological Survey Open-File Report 94-469, 26 p., 3 appendixes.
- Bugo, T.S., Drici, Q., and Goings, D.B., 1992, Hydrology and steady state ground-water model of Three Lakes Valley, south Clark County, Nevada: Las Vegas Valley Water District, Cooperative Water Project, Water for Nevada's Future, Report Number 4, 80 p., Appendices.
- Bull, W.B., 1972, Recognition of alluvial-fan deposits in the stratigraphic record, *in* Rigby, J.K., ed., Recognition of ancient sedimentary environments: Society for Sedimentary Geology (or previously The Society of Economic Paleontologists and Mineralogists), Special Publication, p.63-83. (incomplete reference)
- Bull, W.B., 1991, Geomorphic responses to climatic change: New York, Oxford University Press, 326 p.
- Bull, W.B., and McFadden, L.D., 1977, Tectonic geomorphology north and south of the Garlock Fault, *in* Doehring, D.O., ed., Geomorphology in arid regions: Boston, Mass., Allen & Unwin, p. 115-138.
- Bunch, R.L., 1991, Bibliography of selected water-resources publications on Nevada by the U.S. Geological Survey, 1885 through 1990: U.S. Geological Survey Open-File Report 90-595, 41 p.
- Bunch, R.L., 1994, Bibliography of selected water-resources publications on Nevada by the U.S. Geological Survey, 1885 through 1993: U.S. Geological Survey Open-File Report 94-53, 38 p.
- Bunch, R.L., 1996, Bibliography of selected water-resources publications on Nevada by the U.S. Geological Survey, 1885 through 1995: U.S. Geological Survey Open-File Report 96-184, 64 p.
- Buono, A., and Packard, E.M., 1982, Delineation and hydrologic effects of a gasoline leak at Stovepipe Wells Hotel, Death Valley National Monument, California: U.S. Geological Survey Water-Resources Investigations 82-45, 22 p.
- Buono, A., and Packard, E.M., 1982, Evaluation of increases in dissolved solids in ground water, Stovepipe Wells Hotel, Death Valley National Monument, California: U.S. Geological Survey Open-File Report 82-513, 19 p.
- Buqo, T.S., 1997, Baseline water supply and demand evaluation of southern Nye County, Nevada: Private Consultant, P.O. Box 127, Blue Diamond, Nevada, 42 p.
- Buqo, T.S., 1997, Water supply forecast for southern Nye County, Nevada: Private Consultant, P.O. Box 127, Blue Diamond, Nevada, 5 p.
- Burbey, T.J., 1995, Pumpage and water-level change in the principal aquifer of Las Vegas, Nevada, 1980-1990: U.S. Geological Survey Water-Resources Information Report 34, 33 p, 16 figures, 3 tables.
- Burbey, T.J., 1997, Hydrogeology and potential for ground-water development, carbonate-rock aquifers, southern Nevada and southeastern California: U.S. Geological Survey Water-Resources Investigations 95-4168, 60 p.
- Burbey, T.J., and Prudic, D.E., 1991, Conceptual evaluation of regional ground-water flow in the carbonate-rock province of the Great Basin, Nevada, Utah, and adjacent states: U.S. Geological Survey Open-File Report 90-560, 85 p.
- Burbey, T.J., and Prudic, D.E., 1991, Conceptual evaluation of regional ground-water flow in the carbonate-rock province of the Great Basin, Nevada, Utah, and adjacent states: U.S. Geological Survey Professional Paper 1409-D, 84 p.
- Burchfiel, B.C., 1964, Precambrian and Paleozoic stratigraphy of the Specter Range quadrangle, Nye County, Nevada: American Association of Petroleum Geologists Bulletin, v. 48, p. 40-56.
- Burchfiel, B.C., 1965, Structural geology of the Specter Range quadrangle, Nevada and its regional significance: Geological Society of America Bulletin, v. 76, p. 175-192, map scale 1:62,500.
- Burchfiel, B.C., 1966, Reconnaissance geologic map of the Lathrop Wells 15-minute Quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-474, 1 sheet, map scale 1:62,500.
- Burchfiel, B.C., 1966, The Tin Mountain landslide and the origin of metabreccia: Geological Society of America Bulletin, v.77, p. 95-100.
- Burchfiel, B.C., 1969, Geology of the Dry Mountain Quadrangle, Inyo County, California: California Division of Mines and Geology, Special Report 99, 19 p., 1 plate, map scale 1:62,500.

- Burchfiel, B.C., and Davis G.A., 1975, Nature and controls of Cordilleran orogenesis in the western United States: Extensions of an earlier synthesis: *American Journal of Science*, v. 275A, p. 363-396.
- Burchfiel, B.C., and Davis, G.A., 1971, Clark Mountain thrust complex in the Cordillera of southeastern California—Geologic summary and field trip guide: University of California at Riverside, Campus Museum Contribution No. 1, p. 1-28.
- Burchfiel, B.C., and Davis, G.A., 1971, The foreland thrust and fold belt of southeastern California: *Geological Society of America, Abstracts with Programs*, v. 3, no. 6, p. 371.
- Burchfiel, B.C., and Davis, G.A., 1972, Structural framework and evolution of the southern part of the Cordilleran orogen, western United States: *American Journal of Science*, v. 272, p. 97-118.
- Burchfiel, B.C., and Davis, G.A., 1988, Mesozoic thrust faults and Cenozoic low-angle normal faults, eastern Spring Mountains Nevada, and Clark Mountains thrust complex, California, *in* Weide, D.L., and Faber, M.L., eds., *This extended land, geological journeys in the southern Basin and Range*: Geological Society of America, Cordilleran Section, Field Trip Guidebook, p. 87-106.
- Burchfiel, B.C., and Stewart, J.H., 1966, "Pull-apart" origins of the central segment of Death Valley, California: *Geological Society of America Bulletin*, v. 77, no. 4, p. 439-442. (T)
- Burchfiel, B.C., and Stewart, J.H., 1975, Nature and Controls of Cordilleran Orogenesis, Western United States—Extensions of an Earlier Synthesis: *American Journal of Science*, v. 275-A, p. 363-396.
- Burchfiel, B.C., Fleck, R.J., Secor, D.T., Victellette R.R., and Davis, G.A., 1974, Geology of the Spring Mountains, Nevada: *Geological Society of America Bulletin*, v. 85, p. 1013-1022, scale of accompanying map 1:62,500.
- Burchfiel, B.C., Fleck, R.J., Secor, D.T., Vincelette, R.R., and Davis, G.A., 1974, Geology of the Spring Mountains, Nevada, *in* Death Valley Region, California and Nevada Guidebook, Geological Society of America Field Trip No. 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 17-23.
- Burchfiel, B.C., Hamill IV, G.S., and Wilhelms, D.E., 1982, Geologic map with discussion of stratigraphy of the Montgomery Mountains and the northern half of the Nopah and Resting Springs Ranges, Nevada and California: *Geological Society of America, Map and Chart Series MC 44*.
- Burchfiel, B.C., Hamill, G.S., IV, and Wilhelms, D.E., 1982, Stratigraphy of the Montgomery Mountains and the northern half of the Nopah and Resting Springs ranges, Nevada and California: *Geological Society of America, Map and Chart Series MC-44*, Extent unknown 1:62,500.
- Burchfiel, B.C., Hamill, G.S., IV, and Wilhelms, D.E., 1983, Structural geology of the Montgomery Mountains and the northern half of the Nopah and Resting Spring Ranges, Nevada and California: *Geological Society of America Bulletin*, v. 94, p. 1359-1376, map scale 1:62,500. T
- Burchfiel, B.C., Hodges, K.V., and Royden, L.H., 1987, Geology of Panamint Valley—Saline Valley pull-apart system, California: Palinspastic evidence for low-angle geometry of a Neogene range-bounding fault: *Journal of Geophysical Research*, v. 92, no. B10, p. 10,422-10,426. (T,M)
- Burchfiel, B.C., Hodges, K.V., Walker, J.D., and others, 1985, The Kingston Range detachment system—Structures at the eastern edge of the Death Valley extensional zone, southeastern California: *Geological Society of America, Abstracts with Programs*, v. 17, no. 6, p. 345.
- Burchfiel, B.C., Molnar, P., Peizhen, Z., Qidong, D., Zhang, W., and Yipeng, W., (reported as in press in 1989), Late Cenozoic rocks and structures at Morman Point, and their relation to the evolution of Death Valley, California: *Geological Society of America Bulletin* (incomplete reference).
- Burchfiel, B.C., Molnar, P., Zhang, P., Deng, Q., Zhang, W., and Wang, Y, 1995, Example of supradetachment basin within a pull-apart tectonic setting: Morman Point, Death Valley, California: *Basin Research*, v. 7, p. 199-214.
- Burchfiel, B.C., Pelton, P.J., and Sutter, J., 1970, An early Mesozoic deformation belt in south-central Nevada-southeastern California: *Geological Society of America Bulletin*, v. 81, p. 211-215.
- Burchfiel, B.C., Quidong, D., Molnar, P., et al., 1989, Intracrustal detachment within zones of continental deformation: *Geology*, v. 17, p. 748-752.
- Burchfiel, B.C., Stewart, J.H., Hodges, K.V., and Royden, L.H., 1987, Geology of Panamint Valley - Saline Valley Pull-Apart System, California—Palinspastic Evidence for Low-Angle Geometry of a Neogene Range-Bounding Fault: *Journal of Geophysical Research*, v. 92, no. B10, p. 10,422-10,426.

- Burchfiel, B.C., Walker, J.D., and Hodges, K.V., 1988, The Kingston Range detachment system, SE California: Geological Society of America, Abstracts with Programs, v. 20, no. 3, p. 147.
- Burchfiel, B.C., Walker, J.D., Davis, G.A., and Wernicke, B., 1983, Kingston Range and related detachment faults—A major "breakaway" zone in the southern Great Basin: Geological Society of America, Abstracts with Programs, v. 15, no. 6, p. 536.
- Burchfiel, B.C., Walker, J.D., Klepacki, D.W., et al., 1985, The Kingston Range detachment system, structures at the eastern edge of the Death Valley extensional zone, southeastern California: Geological Society of America, Cordilleran Section, 81st annual meeting, Abstracts with Programs, v. 17, p. 345.
- Burchfiel, B.C., Wernicke, B., Willemin, J.H., Axen, G.J., and Cameron, C.S., 1982, A new type of decollement thrust: *Nature*, v. 300, p. 513-515.
- Burchfiel, B.C., Wernicke, B.P., Wernicke, B.P., et al., 1989, Day 5, Spring Mountains breakaway zone, Amargosa Chaos, and the Death Valley pull-apart basin—Sedimentation and tectonics in western North America *in* v. 3, Extensional tectonics in the Basin and Range Province between the southern Sierra Nevada and the Colorado plateau: Field trips for the 28th International Geological Congress: p. 39-45 (incomplete reference).
- Burchfiel, B.C., Cameron, C.S., Guth, P.L., and others, 1980, A Triassic overlap assemblage in northern Mojave/Death Valley region, California: an interpretation [Abstract]: Geological Society of America, Abstracts With Programs, v. 12, no. 7, p. 395.
- Bureau of Land Management, 1972, Report to Pupfish Preservation Committee, Amargosa Canyon Area. (incomplete reference)
- Burghardt, J., and Wood, J., 1994, Abandoned mineral land inventory study—An evaluation of the utility of existing data sources, Death Valley National Monument, Nevada triangle: Mining and Minerals Branch, Land Resources Division, National Park Service, March 1994, 17 p., 5 appendices.
- Burke, R.M. and Birkeland, P.W., 1978, Reevaluation of Multiparameter Relative Dating Techniques and Their Application to the Glacial Sequence Along the Eastern Escarpment of the Sierra Nevada, California: *Quaternary Research* 11, p. 21-51.
- Burke, R.M., Lundstrom, S., Harden, J., Gillespie, A.R., and Berry, M., 1986. Soil chronosequence on eastern Sierra Nevada fans, CA, supports remote sensing studies. Geological Society of America Abstracts with Program, v. 18, no. 6, p. 553. (I,Q)
- Burnley, P.C., 1986, Metamorphic petrology, structure and stratigraphy of the Chloride Cliff area, Funeral Mountains, Death Valley, California: (incomplete reference).
- Butler, P.D., 1986, Soil development in an alluvial fan toposequence [unpub. report]: Northfield, Minnesota, Geology Department, Carleton College, 41 p. Q
- Butler, P.R., 1980, Quaternary history of the Lower Amargosa River, southern Death Valley, California - a preliminary investigation: Santa Ana, CA, South Coast Geological Society. (incomplete reference)
- Butler, P.R., 1981, Evidence for higher stands of Pleistocene Lake Manley, southern Death Valley, California and a possible drainage connection to the Colorado River: Geological Society of America Bulletin Abstracts with Programs, v. 13, no. 2, p. 47.
- Butler, P.R., 1984, Fluvial response to on-going tectonism and base-level changes, lower Amargosa River, southern Death Valley, California, *in* Nilsen, T.H., ed., Fluvial sedimentation and related tectonic framework, western North America: *Sedimentary Geology*, v. 38, p. 107-125. N, Q
- Butler, P.R., 1984, Geology, structural history, and fluvial geomorphology of the southern Death Valley fault zone, Inyo and San Bernardino Counties, California: Davis, University of California, Ph.D. dissertation, map scale 1:24,000, 122 p., 2 pls., 25 figs, map scale 1:62,500. Q
- Butler, P.R., 1986, Fluvial response to ongoing tectonism, lower Amargosa River, southern Death Valley, California, *in* Troxel, B.W., ed., Quaternary tectonics of southern Death Valley, California—Field trip guide, October 31, November 1 and 2, 1986: Pacific Cell, Friends of the Pleistocene, Bennie W. Troxel Publication, Shoshone, CA, p. 17-24. N, Q
- Butler, P.R., 1988, Gradient–index changes as indicators of late–Cenozoic tectonism, Amargosa River, southern Death Valley, California [abs.]: Geological Society of America Abstracts with Programs, v. 20, no. 3, p. 147. N
- Butler, P.R., 1995, The relationship between stream piracy and lateral fault offsets, Avawatz Mountains, southern Death Valley, California, an update: Geological Society of America, 1995 annual meeting, Abstracts with Programs, v. 27, p. 376.
- Butler, P.R., and Troxel, B.W., 1983, Geomorphic evidence for 25 km of Neogene right-lateral displacement on the Death Valley Fault Zone, California: Geological Society of America, Abstracts With Programs, v. 15, p. 316.

- Butler, P.R., Cooper, J.D., Troxel, B.W., et al., 1982, Quaternary history of selected sites in the lower Amargosa River basin, southern Death Valley, California: Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California: Publisher 49-52.
- Butler, P.R., Fife, D.L., and Brown, A.R., 1980, Quaternary history of the lower Amargosa River, southern Death Valley, California, a preliminary investigation: Geology and mineral wealth of the California desert: p. 447-448. (incomplete reference).
- Butler, P.R., Troxel, B.W., and Verosub, K.L., 1986, Late Cenozoic slip rates and styles of deformation along the southern Death Valley fault zone, California [abs.]: Geological Society of America Abstracts with Programs, v. 18, no. 2, p. 92. N
- Butler, R.R., Troxel, B.W., and Verosub, K.L., 1988, Late Cenozoic history and styles of deformation along the southern Death Valley fault zone, California: Geological Society of America Bulletin, v. 100, no. 3, p. 402-410.
- Byers F.M., Jr., Carr, M.J., Orkild, P.P., Quinlivan, W.D., and Sargent, K.A., 1976, Volcanic suites and related cauldrons of the Timber Mountain-Oasis Valley caldera complex, southern Nevada: U.S. Geological Survey Professional Paper 919, 70 p.
- Byers, F.M., Jr., 1985, Petrochemical variation of the Tonopah Spring Tuff matrix with depth (stratigraphic level), drill hole USW G-4, Yucca Mountain, Nevada: Los Alamos National Laboratory Report LA-11503-MS, 38 p.
- Byers, F.M., Jr., Carr, W.J., and Orkild, P.P., 1989, Volcanic centers of southwestern Nevada - evolution of understanding, 1960-1988: Journal of Geophysical Research, v. 94, no. B5, p. 5908-5924.
- Byers, F.M., Jr., Carr, W.J., Christiansen, R.L., Lipman, P.W., Orkild, P.P., and Quinlivan, W.D., 1976, Geologic map of the Timber Mountain caldera area, Nye County, Nevada: U. S. Geological Survey Miscellaneous Investigations Series Map I-891, 10 p, map scale 1:48,000. M
- Byrnes, S., 1989, A reconnaissance study of brittle deformation along the frontal faults of the Black Mountains, Death Valley, California: Unpublished MS thesis, University of New Orleans, LA, 81 p.

C

- California Department of Natural Resources, 1958, Death Valley: Mineral Information Service, 11, 1-9. (incomplete reference).
- California Division of Mines and Geology, 1983, Guidelines for evaluating the hazard of surface fault rupture: California Division of Mines and Geology Note 49, California Geology November 1983, p. 249-251.
- California Division of Mines and Geology, Mineral Information Service, 1970, Death Valley, *in* Gasch, Jerrie W., and Matthews, Robert A., Editors, Geologic guide to the Death Valley area, California, Geological Society of Sacramento, Annual Field Trip Guidebook 1970, p. Appendix III, 73 p. + Appendix III (12 p.).
- California State Water Resources Control Board, 1994, External program review report of the State Water Resources Control Board and the Regional Water Quality Control Boards: Prepared for the California Environmental Protection Agency. (incomplete reference).
- Calvo, J.P., Pozo, M.I., Jones, B.F., et al., 1995, Preliminary report of seepage mound occurrences in Spain—Comparison with carbonate mounds from the Amargosa Desert, Western USA: The 19th Scientific Session published by the Spanish Geological Society, v. 18, p. 67-70. (incomplete reference).
- Calzia, J.P. and Finnerty, A.A., 1984, Geologic and geochemical reconnaissance of late Tertiary granite plutons, Death Valley, California: Geological Society of America, 97th annual meeting, Abstracts with Programs, v. 16, p. 461.
- Calzia, J.P., 1974, Igneous geology of a part of the southeastern Owshead Mountains, San Bernardino County, California: Unpublished MS thesis, University of Southern California, Los Angeles, California, 77 p, map scale 1:15,000.
- Calzia, J.P., 1991, Geology of the Kingston Range, southern Death Valley, California, *in* Reynolds, R. E., compiler, Crossing the Border: Quaternary Studies in Eastern California and Southwestern Nevada: San Bernardino County Museum Mojave Desert Quaternary Research Center Guide Book, 1991 p. 176-188.
- Calzia, J.P., 1993, Geologic map of the Dumont Dunes quadrangle and the northwestern part of the Valjean Hills quadrangle.: U.S. Geological Survey, unpublished map, scale 1:24,000.
- Calzia, J.P., 1994, Age and petrogenesis of volcanic rocks in the middle Miocene Resting Springs Formation, southern Death Valley, California: Geological Society of America, Cordilleran Section, 90th annual meeting, Abstracts with Programs, v. 26, p. 43.
- Calzia, J.P., Troxel, B.W., Wright, L.A., Burchfiel, C.B., Davis, G.A., and McMackin, M.R., 1999, Geologic map of the Kingston Range, southern Death Valley, California: U.S. Geological Survey open file map xxx, scale 1:31,680.

- Cameron, C.S., 1977, Structure and stratigraphy of the Potosi Mountain area, southern Spring Mountains, Nevada: Unpublished MS thesis, Rice University, Houston, Texas, 83 p.
- Campbell, B.A., Arvidson, R.E., and Shepard, M.K., 1993, Radar polarization properties of volcanic and playa surfaces—Applications to terrestrial remote sensing and Venus data interpretation: *Journal of Geophysical Research*, v. 98, p. 17,099-17,113. I
- Campbell, I., 1954, Contact metamorphism in southern California, *in* Jahns, R.H., ed., *Geology of southern California*: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VII, Contribution 6, p. 51-59.
- Campbell, M.R., 1903, Basin range structure in the Death Valley region of southeastern California: *Science*, (incomplete reference).
- Campbell, M.R., 1904, Reconnaissance of the borax deposits of Death Valley and Mohave Desert: U.S. Geological Survey Bulletin 200, 23 p.
- Cardenas, A.A., Girty, G.H., Hanson, A.D., et al., 1996, Assessing differences in composition between low metamorphic grade mudstones and high-grade schists using logratio techniques: *Journal of Geology*, v. 104, p. 279-293.
- Cardinalli, J.L., Roach, L.M., Rush, F.E., and Vasey, B.J., 1968, State of Nevada hydrographic areas: Nevada Division of Water Resources map, map scale 1:500,000.
- Carlisle, D., Davis, D.L., and Kildale, M.B., 1954, Base metal and iron deposits of southern California, *in* Jahns, R.H., ed., *Geology of southern California*: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VIII, Contribution 5, p. 41-49.
- Carlisle, D., Kettler, R.M., and Swanson, S.C., 1980, Geological study of uranium potential of the Kingston Peak Formation, Death Valley Region, California: US Department of Energy, Open File Report, Grand Junction, Colorado, 109 p. (incomplete reference).
- Carlisle, D., Kettler, R.M., and Swanson, S.C., 1980, Uranium- and thorium-bearing facies of the Late Proterozoic Kingston Peak Formation, Death Valley region, California, *in* Fife, D. L., and Brown, A. R., Editors, *Geology and mineral wealth of the California desert*: Santa Ana, CA, South Coast Geological Society, p. Location unknown, Extent unknown. (incomplete reference)
- Carmen, R.L., 1989, Measurement of evapotranspiration in phreatophyte areas, Smith Creek Valley and Carson Desert, west-central Nevada, 1983: US Geological Survey Water-Resources Investigations Report 89-4118, 18 p.
- Carmen, R.L., 1994, Meteorological data for four sites at surface-disruption features in Yucca Flat, Nevada Test Site, Nye County, Nevada/1985-86: U.S. Geological Survey Open-File Report 94-491, 43 p.
- Carpenter, E., 1915, Ground water in south eastern Nevada: U.S. Geological Survey Water Supply Paper 365, 86 p.
- Carr, M.D., 1983, Geometry and structural history of the Mesozoic thrust belt in the Goodsprings district, southern Spring Mountains, Nevada: *Geological Society of America Bulletin*, v. 94, p. 1185-1198.
- Carr, M.D., and Monson, S.A., 1988, A field trip guide to the geology of Bare Mountain, *in* Weide, D.L., and Faber, M.L., eds., *This extended land, geological journeys in southern Basin and Range*: Geological Society of America, Cordilleran Section Field Trip Guide, p. 50-57.
- Carr, M.D., and Pinkton, J.C., 1987, Geologic map of the Goodsprings district, southern Springs Mountains, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map 1514, 1 sheet, map scale 1:24,000.
- Carr, M.D., and Yount, J.C., 1988, eds., *Geologic and hydrologic investigations of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada*: U.S. Geological Survey Bulletin 1790, 152 p.
- Carr, M.D., Parish-Nimz, K., and Swadley, W.C., 1993, Geologic map of the Beatty 30x60 minute quadrangle, Nevada and California: Geological Survey (complete later), scale 1:100,000. (incomplete reference)
- Carr, M.D., Waddell, S.J., Vick, G.S., Stock, J.M., Monsen, S.A., Harris, A.G., Cork, B.W., and Byers, F.M., Jr., 1986, Geology of drill hole UE25p#1—A test hole in pre-Tertiary rocks near Yucca Mountain, southern Nevada: U.S. Geological Survey Open-File Report 86-175, 87 p.
- Carr, W.J., 1974, Summary of tectonic and structural evidence for stress orientation at the Nevada Test Site: U.S. Geological Survey Open-File Report 74-176, 53 p.
- Carr, W.J., 1982, Volcano-tectonic history of Crater Flat, southwestern Nevada, as suggested by new evidence from drill hole USW-VH-1 and vicinity: U.S. Geological Survey Open-File Report 82-457, 23 p.

- Carr, W.J., 1984, Regional structural setting of Yucca Mountain, southeastern Nevada, and late Cenozoic rates of tectonic activity in part of the southwestern Great Basin, Nevada and California: U.S. Geological Survey Open-File Report 84-854, 98 p. N
- Carr, W.J., 1988, Geology of the Devils Hole area, Nevada: U.S. Geological Survey Open-File Report 87-560, 34 p.
- Carr, W.J., 1988, Volcano-tectonic setting of Yucca Mountain and Crater Flat, southwestern Nevada, *in* Carr, M.D., and Yount, J.C., eds., Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 35-50.
- Carr, W.J., 1990, Styles of extension in the Nevada Test Site region, southern Walker Lane Belt: an intergration of volcano-tectonic and detachment fault models *in* Wernicke, B. P., ed., Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada: Geological Society of America Memoir 176, Chapter 13, p. 283-303. (T)
- Carr, W.J., 1992, Structural models for western Midway Valley based on RF drillhole data and bedrock outcrops (Appendix A), *in* Gibson, J.D., Swan, F.H., Wesling, J.R., Bullard, T.F., Perman, R.C., Angell, M.M., and DiSilvestro, L.A., eds., Summary and evaluation of existing geological and geophysical data near prospective surface facilities in Midway Valley, Yucca Mountain Project, Nye County, Nevada: Sandia National Laboratory SAND 90-2491. (incomplete reference).
- Carr, W.J., and Parrish, L.D., 1985, Geology of drill hole USW VH-2, and structure of Crater Flat, southwestern Nevada: U.S. Geological Survey Open-File Report 85-475, 41 p.
- Carr, W.J., Bath, G.D., Healy, D.L., and Hazelwood, R.M., 1975, Geology of the northern Frenchman Flat, Nevada Test Site: U.S. Geological Survey Report 474-216, 24 p.
- Carr, W.J., Byers Jr., F.M., and Orklid, P.P., 1986, Stratigraphic and volcano-tectonic relations of Crater Flat tuff and some older volcanic units, Nye County, Nevada: U.S. Geological Survey Professional Paper 1323, 29 p.
- Carr, W.J., Byers, F.M., Jr., and Jenkins, E.C., 1981, Geology of drill hole UE18r, Timber Mountain Caldera, Nevada Test Site: U.S. Geological Survey Open-File Report 474-313, 23 p.
- Carr, W.J., Grow, J.A., and Keller, S.M., 1995, Lithologic and geophysical logs of drill holes Felderhoff Federal 5-1 and 25-1, Amargosa Desert, Nye County, Nevada: U.S. Geological Survey Open-File Report 95-155, 7 p.
- Carranza, Carlos, 1965, Surficial geology of a portion of south Panamint Valley, Inyo County, California: Amherst, University of Massachusetts, unpublished Masters thesis. (incomplete reference)
- Carson, R.L., 1979, Water-resources data collected in the Devils Hole Area, Nye County, Nevada 1976-77: U.S. Geological Survey Open-File Report 79-742, 21 p.
- Carson, R.L., 1980, Water-resources data collected in the Devils Hole Area, Nye County, Nevada 1977-78: U.S. Geological Survey Open-File Report 80-772, 15 p.
- Carter, B.A., 1980, Quaternary displacement on the Garlock Fault, California, *in* Fife, D. L., and Brown, A. R., Editors, Geology and mineral wealth of the California desert: Santa Ana, CA, South Coast Geological Society, South Coast Geological Society Field Trip Guidebook No. 8, p. p. 457-465, Extent unknown.
- Carter, J.A., 1986, Paleogeographic and tectonic implications of a Cambro-Ordovician carbonate breccia, Nopah Range, Inyo County, California: (incomplete reference)
- Carter, J.A., 1987, The Amargosa Aulacogen, the influence of Proterozoic tectonics on the deposition of an Ordovician sediment-gravity flow, Nopah Range, Inyo County, California: (incomplete reference)
- Carter, J.N., Luyendyk, B.P., and Terres, R.R., 1987, Neogene clockwise rotation of the eastern Transverse Ranges, California, suggested by paleomagnetic vectors: Geological Society of America Bulletin, v. 98, p. 199-206. (T,G)
- Carter, O.C.S., 1902, Death Valley: Journal of the Franklin Institute, v. 154, p. 193-199.
- Casas, E., and Lowenstein, T.K., 1989, Diagenesis of saline pan halite—Comparison of petrographic features of modern, Quaternary, and Permian halites: Journal of Sedimentary Petrologists, v. 59, p. 724-739.
- Case, G.R., and Schwimmer, D.R., 1992, Occurrence of the chimaeroid *Ischyodus bifurcatus* Case in the Cusseta Formation (Upper Cretaceous, Campanian) of western Georgia and its distribution: Journal of Paleontology, p. 347-350. (incomplete reference)
- Case, Timothy R., 1994, The Death Valley, Mt. Whitney, White Mountain Peak - G.P.S.—From the lowest to the highest. (incomplete reference)

- Cashman, P.H., and Trexler, J.H., Jr., 1991, The Mississippian Antler foreland and continental margin in southern Nevada - the Eleana Formation reinterpreted, *in* Cooper, J.D., and Stevens, C.H., eds., *Paleozoic paleogeography of the western United States-II, Pacific section: Society of Economic Paleontologist and Mineralogists*, v. 67, p. 271-280.
- Cashman, P.H., and Trexler, J.H., Jr., 1994, The case for two, coeval Mississippian sections at the Nevada Test Site, *in* McGill, S.F., and Ross, T.M., eds., *Geologic investigations of an active margin: Geological Society of America Cordilleran Section Guidebook*, San Bernardino, California, p. 76-81.
- Caskey, S.J., 1991, Mesozoic and Cenozoic structural geology of the CP Hills, Nevada Test Site, Nye County, Nevada, and regional implications: University of Nevada at Reno, Unpublished MS thesis, 90 p.
- Caskey, S.J., and Schweickert, R.A., 1992, Mesozoic and Cenozoic deformation in the Nevada Test Site and vicinity: Implications for the structural framework of the Cordilleran fold and thrust belt and Tertiary extension north of Las Vegas Valley: *Tectonics*, v. 11, no. 6, p. 1314-1331. (T)
- Caskey, S.J., and Schweikert, R.A., 1989, Mesozoic west-vergent thrust in the CP Hills, Nevada Test Site, Nye County, Nevada [Abstract (?)]: *Geological Society of America, Abstracts With Programs*, v. 21, no. 5, p. 64.
- Casteel, M., 1986, Geology of a portion of the northwest Last Chance Range, south of Hanging Rock Canyon, Inyo County, California, Fresno CA, California State University at Fresno. (incomplete reference)
- Cavalcade of carbonates: *Field Trip Guidebook-Pacific Section, Society of Economic Paleontologists and Mineralogists*, v. 61, p. 101-110. (incomplete reference)
- Cemen I., 1993, Structure and sedimentology of the Furnace Creek and Keene Wonder extensional strike-slip basins, Death Valley, California, *in* 37th Annual Report on Research Under Sponsorship of the Petroleum Research Fund, p. 120 - 121.
- Cemen I., 1994, Structure and sedimentology of the Furnace Creek and Keene Wonder extensional strike-slip basins, Death Valley, California, *in* 38th Annual Report on Research Under Sponsorship of the Petroleum Research Fund, p. 15.
- Cemen, I., 1988, Extensional strike-slip basins, two examples from Death Valley, California, *in* 32nd Annual Report on Research Under Sponsorship of the Petroleum Research Fund p.450-451. Cemen, I., 1989, Extensional strike-slip basins, two examples from Death Valley, California, *in* 33rd Annual Report on Research Under Sponsorship of the Petroleum Research Fund, p. 177.
- Cemen, I., 1990, Tectonic framework of two extensional terrains, Death Valley, western North America and western Anatolia: A review, *The Second International Earth Sciences Congress of the Aegean Region Proceedings*, p. 146-148.
- Cemen, I., 1992, Structure and sedimentology of the Furnace Creek and Keene Wonder extensional strike-slip basins, Death Valley, California, *in* 36th Annual Report on Research Under Sponsorship of the Petroleum Research Fund, p. 324-325.
- Cemen, I., 1996, Evolution of the Furnace Creek basin, Death Valley, California: *Geological Society of America, 28th annual meeting, Abstracts with Programs*, v. 28, p. 437.
- Cemen, I., and Johnson, F.C., 1986, Bat Mountain normal fault—An example of a reactivated thrust fault in Death Valley, California: *Geological Society of America, Abstracts with Programs*, v. 18, no. 6, p. 561.
- Cemen, I., and Wright, L. A., 1988, Stratigraphy and chronology of the Artist Drive Formation, Furnace Creek Basin, Death Valley, California, *in* Gregory, J. L. and Baldwin, E. J., eds., *Geology of the Death Valley region: Annual Field Trip Guidebook No. 16, South Coast Geological Society, Santa Ana, California*, p. 77-87. S
- Cemen, I., and Wright, L.A., 1988, Cenozoic extension in northern Death Valley—Evidence from the sedimentary rocks surrounding the Funeral Mountains: *Geological Society of America America, Abstracts with Programs*, v. 20, no. 3, p. 149.
- Cemen, I., and Wright, L.A., 1988, Effect of Cenozoic extension on Mesozoic thrust surfaces in Death Valley, California: *Geological Society of America Abstracts with Programs*, v. 20, no. 3, p. 149. T
- Cemen, I., and Wright, L.A., 1994, Tertiary basinal sedimentary deposits in the area of the southern Funeral Mountains, Death Valley, California—Their stratigraphy, structure, and tectonic significance: *Geological Society of America Cordilleran Section Meeting Abstracts with Programs*, v. 26, no. 3, p. 44.
- Cemen, I., and Wright, L.A., 1990, Effect of Cenozoic extension on Mesozoic thrust surfaces in the central and southern Funeral Mountains, Death Valley, California, *in* Wernicke, B.P., ed., *Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada: Geological Society of America Memoir 176*, p. 305-316. (T)

- Cemen, I., Drake, R., and Wright, L.A., 1982, Stratigraphy and chronology of the Tertiary sedimentary and volcanic units at the southeastern end of the Funeral Mountains, Death Valley region, California, *in* Cooper, J.D., Troxel, B.W. and Wright, L.A., eds., *Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California: Guidebook, Field Trip Number 9, 78th annual meeting Cordilleran Section*, p 77-86.
- Cemen, I., Johnson, F.C., Wright, L.A., and Chandler, C.D., 1986 Neogene extension in the Furnace Creek basin, Death Valley, California: *Geological Society of America Abstracts with Programs*, v. 18, no. 2, p. 94.
- Cemen, I., Wright, L.A., and Drake, R.E., 1985, Stratigraphy, and sedimentary environments of the Artist Drive Formation, Death Valley, California (abstract), *Geological Society of America Cordilleran Section Meeting, Abstracts with Programs*, v. 17, no. 6, p. 347.
- Cemen, I., Wright, L.A., and Prave, A.R., 1999, Stratigraphy, and tectonic implications of the latest Oligocene and early Miocene sedimentary succession, southernmost Funeral Mountains, Death Valley region, California, *in* Cenozoic basins of the Death Valley region: V. L. A. and Troxel B. W., eds., *Geological Society of America Special Paper 333*, scale of accompanying map about 1: 52, 000.
- Cemen, I., Wright, L.A., and Troxel, B.W., 1991 Neogene Conglomerates of the Furnace Creek Basin, Death Valley, California: Origin and Tectonic Significance, *Geological Society of America Annual Meeting Abstracts with Programs*, v. 23, no. 5, p. A82.
- Cemen, I., Wright, L.A., Drake, R., and Johnson, F., 1984, Cenozoic deformation and sedimentation along southeasternmost part of the Furnace Creek fault zone, Death Valley, California: *Geological Society of America Annual Meeting, Abstracts with Programs*, v. 16, no. 7, p. 466.
- Cemen, I., Wright, L.A., Drake, R.E. and Johnson, F.C., 1985, Cenozoic sedimentation and sequence of deformational events at the southeastern end of the Furnace Creek strike-slip fault zone, Death Valley region, California, *in* Biddle, K. T. and Christie-Blick, N., ed., *Strike-slip deformation and basin formation: Society of Economic Paleontologists and Mineralogists Special Publication 37*, p. 127-141. S, T
- Cemen, I., Wright, L.A., Gregory, J.L., et al., 1988, Stratigraphy and chronology of the Artist Drive Formation, Furnace Creek basin, Death Valley, California: *Geology of the Death Valley region*: p. 77-87.
- Cemen, Ibrahim, 1983, Stratigraphy, geochronology and structure of the selected areas of the northern Death Valley region, eastern California-western Nevada, and implications concerning Cenozoic tectonics of the region: Unpublished Ph. D. thesis, Pennsylvania State University, University Park, Pennsylvania, 235 p, map scale 1:12,000.
- Cerling, T.E., 1990, Dating geomorphologic surfaces using cosmogenic ³He: *Quaternary Research*, v. 33, p.148-156.
- Cerling, T.E., and Craig, H., 1994, Geomorphology and in-situ cosmogenic isotopes: *Annual Review of Earth and Planetary Sciences*, v. 22, p. 273-317.
- Cerling, T.E., Poreda, R.J. and Kul, T., 1994, Cosmogenic (super 3) He and (super 21) Ne from Tioga age surfaces, Sierra Nevada, California: Eighth international conference on Geochronology, cosmochronology, and isotope geology, Berkeley, CA, United States. (incomplete reference)
- Chadwick, O.A. and Davis, J.O., 1988, Soil-forming intervals caused by eolian sediment pulses in the Lahontan Basin, Northwestern Nevada: *Geological Society of America Bulletin*, v. 20, no. 7, p. A207.
- Chalfant, W.A., 1936, *Death Valley: the facts*: Stanford CA, Stanford University Press.
- Chapman, J.B., and Lyles, B.F., 1993, Groundwater chemistry at the Nevada Test Site - data and preliminary interpretations: University of Nevada at Las Vegas, Desert Research Institute, Water Resources Center Publication Number 45100, 41 p.
- Chapman, R.H., 1906, The deserts of Nevada and the Death Valley: *National Geographic Magazine*, v. 17, p. 483-497.
- Chapman, R.H., Healey, D.L., and Troxel, B.W., 1971, Bouguer gravity map of California, Death Valley Sheet: California Division of Mines and Geology, map scale 1:250,000.
- Chapman, R.H., Healy, D.L., and Troxel, B.W., 1973, Death Valley sheet of California Division of Mines and Geology Bouguer Gravity Atlas of California: California Division of Mines and Geology, 1 sheet 1:250,000.
- Charlton, R.L., Wernicke, B.P., and Abolins, M.J., 1997, A major Neoproterozoic incision event near the base of the Cordilleran miogeoclinal southwestern Great Basin: *Geological Society of America Abstracts with Programs*, v. 29 no. 6, p. A-197. (S)
- Chávez, W.X., No date [1989-1996], Field manual and notebook: mineral resources of the southwest, course ST-548: Socorro, NM, Department of Minerals and Environmental Engineering, New Mexico Tech. (incomplete reference)
- Chen, J.H., and Moore, J.G., 1979, Late Jurassic Independence dike swarm in eastern California: *Geology*, v. 7, p. 129-133.

- Chesterman, C.W., 1973, Geology of the NE 1/4 Shoshone (15") quadrangle, Inyo County, California: California Division of Mines and Geology, California Division of Mines and Geology Map Sheet 18, 1 sheet 1:24,000.
- Chesterman, C.W., 1973, Geology of the northeast quarter of Shoshone quadrangle, Inyo County, California: California Division of Mines and Geology, Map Sheet 18, 1 sheet, 1:24,000.
- Chidester, A.H., Engle, A.E., and Wright, L.A., 1964, Talc resources of the United States: U.S. Geological Survey Bulletin 1167, 61 p.
- Chilner, Bill, 1978, Hydrogeologic study of the Furnace Creek area, Death Valley National Monument, California. (incomplete reference)
- Christensen, R.C., and Spahr, N.E., 1980, Flood potential of Topopah Wash and tributaries, eastern part of Jackass Flats, Nevada Test Site, southern Nevada: U.S. Geological Survey Water-Resources Investigations Open-File Report 80-963, 22 p.
- Christenson, G.E. and Purcell, C., 1985, Correlation and Age of Quaternary Alluvial-fan Sequences, Basin and Range Province, Southwestern United States, *in* Weide, D. L., ed., Soils and Quaternary Geology of the Southwestern United States, Special Paper 203, p. 115-122.
- Christiansen, R.L. and Lipman, P.W., Carr W.J., Byers F.M., Jr., Orkild, P.P., and Sargent, K.A., 1977, The Timber Mountain-Oasis Valley caldera complex of southern Nevada: Geological Society of America Bulletin, v. 88, p. 943-959.
- Christiansen, R.L., and Barnes, H., 1966, Three members of the Upper Cambrian Nopah Formation in the southern Great Basin, *in* Changes in stratigraphic nomenclature by the US Geological Survey, 1965: U.S. Geological Survey Bulletin 1244-A, p. A49-A52.
- Christiansen, R.L., and Lipman, P.W., 1965, Geologic map of the Tonopah Spring Northwest quadrangle, Nye County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-444, map scale 1:24,000.
- Christiansen, R.L., Lipman, P.W., Orkild, P.P., and Byers, F.M., 1965, Structure of the Timber Mountain caldera, southern Nevada and its relation to Basin-Range structure: Geological Survey Research, U.S. Geological Survey Professional Paper 525 B, p. B43-B48.
- Cichanski, M.A., 1990, Stratigraphy and structure of the upper plate of the Badwater Turtleback, Death Valley, California: University of Washington, Department of Geological Sciences, Senior thesis, 23 p.
- Cichanski, M.A., 1993, "Turtleback" structure in the southwestern Panamint Mountains, Death Valley region, California: Geological Society of America, 89th annual Cordilleran Section meeting and 46th annual Rocky Mountain Section meeting, Abstracts with Programs, v. 25, p. 21.
- Cichanski, M.A., 1994, Geologic map of the Happy Canyon-Redlands Canyon area, western Panamint Mountains: scale 1:24,000 unpublished.
- Cichanski, M.A., 1994, The South Park Canyon "fault", Panamint Range, California, reexamining a presumed thrust fault: Geological Society of America, Cordilleran Section, 90th annual meeting, Abstracts with Programs, v. 26, p. 44.
- Cichanski, M.A., 1995, Tectonic evolution of a portion of the southwestern Panamint Mountains, Death Valley region, California: (incomplete reference)
- Cichanski, M.A., Crossland, A., 1994, Right-lateral shear zones of Mesozoic age near the eastern edge of the Sierra Nevada Batholith, evidence from the Panamint Mountains, California: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p.385.
- Ciesnik, M.S., 1995, Ground-water altitudes and well data, Nye County, Nevada and Inyo County, California: U.S. Geological Survey Open-File Report 93-89, 27 p., 2 pls, scale 1:100,000.
- Claasen, H.C., 1985, Sources and mechanisms of recharge for ground water in the west-central Amargosa Desert, Nevada—A geochemical interpretation: U.S. Geological Survey Professional Paper 712-F, 31 p.
- Claassen, H.C., 1973, Water quality and physical characteristics of Nevada Test Site water-supply wells: U.S. Geological Survey Report USGS-474-158 [NTS-242], 145 p. Available only from National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.
- Claassen, H.C., 1983, Sources and mechanisms of recharge for ground water in the west-central Amargosa Desert, Nevada, a geochemical interpretation: Geological Survey Open-File Report 83-542, 61 p.
- Claassen, H.C., 1984, Paleohydrology of the Amargosa Desert, Nevada: Geological Society of America, 97th annual meeting, Abstracts with Programs, v. 16, p. 471.

- Claassen, H.C., 1986, Late-Wisconsin paleohydrology of the west-central Amargosa Desert, Nevada, U.S.A.: *Chemical Geology (Isotope Geoscience Section)*, v. 58, , no. 4, p. 311-323.
- Claassen, H.C., and Cordes, E.H., 1975, Two-well recirculating tracer test in fractured carbonate rock, Nevada: *Hydrological Sciences, Bulletin No. 3*, p. 367-382. (incomplete reference)
- Cladouhos, T.T., A kinematic model for deformation within brittle shear zones: *Journal of Structural Geology*, in press. (incomplete reference)
- Cladouhos, T.T., Shape preferred orientations of survivor grains in fault gouge: *Journal of Structural Geology*, in press. (incomplete reference).
- Clark, Caven, 1997, Paleontological resource overview and assessment for Death Valley National Park. (incomplete reference)
- Clark, D.W., 1980, Hunter Mountain Wollastonite, northern Death Valley area, California, *in* Fife, D. L., and Brown, A. R., Editors, *Geology and mineral wealth of the California desert: Santa Ana, CA, South Coast Geological Society*, p. Location unknown, Extent unknown.
- Clark, M.M., 1973, Map showing recently active breaks along the Garlock and associated faults, California: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-741, scale 1:24,000, 3 sheets.
- Clark, M.M., Harms, K.K., Lienkaemper, J.J., Harwood, D.S., Lajoie, K.R., Matti, J.C., Perkins, J.A., Rymer, M.J., Sarna-Wojcicki, A.M., Sharp, R.V., Sims, J.D., Tinsley, III, J.C. and Ziony, J.I., 1984, Preliminary Slip-Rate Table and Map of Late-Quaternary Faults in California: U.S. Geological Survey, Open-file Report 84-106, 12 p.
- Clark, W.B., 1970, Gold districts of California: California Division of Mines and Geology, Bulletin 193, p. 146-152.
- Clark, W.B., 1988, Gold in the California desert, in Gregory, Jennifer L., and Baldwin, E. Joan, Editors, *Geology of the Death Valley region*, South Coast Geological Society, Inc., p. p. 408-416, 429 p.
- Clausen, B.L., 1983, Stratigraphy and structure of the Miocene "Esmeralda" Formation in Stewart Valley, Mineral County, Nevada: (incomplete reference)
- Clayton, J.A., 1988, Quaternary tectonism of Sheep Creek alluvial fan deposits, Avawatz Mountains, southern Death Valley, *in* Gregory, J.L., and Baldwin, E.J., eds., *Geology of the Death Valley region: Annual Field Trip Guidebook No. 16*, South Coast Geological Society, Santa Ana, California, p. 224-239.
- Clayton, J.A., 1989, Tectonic implications of Quaternary alluvial fan deposits from satellite imagery and field investigations, Avawatz Mountains, southern Death Valley, California. Davis, University of California, Unpublished Master's thesis, 168 pp. (T,N,I)
- Clebsch, A., Jr., 1961, Tritium age of ground water at the Nevada Test Site, Nye County, Nevada, *in* Geological Survey research 1962: short papers in the geologic and hydrologic sciences, articles 147-292, United States Geological Survey, United States Geological Survey Professional Paper 424-C, 398 p.
- Clebsch, A., Jr., 1968, Geology and hydrology of a proposed site for burial of solid radioactive waste southeast of Beatty, Nye County, Nevada, in Morton, R.J., *Land burial of solid radioactive wastes—Study of commercial operations and facilities: Atomic Energy Commission, Report WASH-1143*, p. 70-100. Available only from National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.
- Clements, T., 1952, Lake Rogers, a Pleistocene lake in the north end of Death Valley, California [abs.]: *Geological Society of America Bulletin*, v. 63, p. 1324.
- Clements, T., 1952, Wind-blown rocks and trails of Little Bonnie Claire Playa: *Journal of Sedimentary Petrology*, v. 22, p. 182-186.
- Clements, T., *Geological story of Death Valley: Palm Desert, CA, Desert Magazine Press*, 62 p. (incomplete reference)
- Clements, T.D., 1954, *Geological story of Death Valley: Death Valley '49ers, Inc., Death Valley, California*, 63 p.
- Clements, T.D., 1955, Quaternary volcanics of Death Valley, California: *Geological Society of America Bulletin*, v. 66, p. 1647.
- Clements, T.D., and Clements, L., 1953, Evidence of Pleistocene man in Death Valley, California: *Geological Society of America Bulletin*, v. 64, p. 1189-1203.
- Cleveland, G.B., 1958, Poverty Hills diatomaceous earth deposit, Inyo County, California: *California Journal of Mines and Geology*, v. 54, no. 3, p. 305-316.
- Clopine, G.A., and Horne, J.D., 1972, Death Valley: Limestone Ledger [Sierra-Mojave Grotto, National Speleological Society], v. Special edition, no. 1-14.

- Cloud, P., Wright, L.A., Williams, E.G., Diehl, P., and Walter, M.R., 1974, Giant stromatolites and associated vertical tubes from the upper Proterozoic Noonday Dolomite, Death Valley region, eastern California: *Geological Society of America Bulletin*, v. 85, no. 12, p. 1869-1882.
- Cobett, K.P., 1990, Basin and Range extensional tectonics at the latitude of Las Vegas, Nevada: Discussion: *Geological Society of America Bulletin*, v. 102, p. 267-268.
- Cochran, G.F., Miheve, T.M., Tyler, S.W., and Lopes, T.J., 1988, Study of salt crust formation mechanisms on Owens (dry) Lake, California: Los Angeles Department of Water and Power, Water Resources Center, Publication No. 41108, 103 p.
- COCORP, 1986, Death Valley bright spot—A midcrustal magma body in the southern Great Basin, California?: *Geology*, v. 14, p. 64-67.
- Coe, J.A., Glancy, P.A., and Whitney, J.W., 1997, Volumetric analysis and hydrologic characterization of a modern debris flow near Yucca Mountain, Nevada: *Geomorphology*, v. 20, p. 11-28.
- Coe, J.A., Whitney, J.W., and Glancy, P.A., 1991, Volumetric analysis of debris eroded off a hillslope near Yucca Mountain, Nevada, during a single precipitation event [abs.]: *Eos [Transactions of American Geophysical Union]*, v. 72, no. 44, p. 204.
- Colburn, E.A., 1988, Factors Influencing Species Diversity in Saline Waters of Death Valley, USA.: *Hydrobiologia*, v. 158, p. 215-226.
- Cole, D.C., 1986, Geology of the Butte Valley and Warm Springs Formations, southern Panamint Range, Inyo County, California, Fresno CA, California State University, Fresno. (incomplete reference)
- Cole, E., Cernoch, B., Bruce, L., and Rumbaugh, J., 1992, Hydrology and steady state ground-water model of Tikaboo Valleys, North and South Clark and Lincoln Counties, Nevada: Las Vegas Valley Water District, Cooperative Water Project, Series Report 6, 50 p.
- Cole, E., Cernoch, B., Bruce, L., and Rumbaugh, J., 1992, Hydrology and steady state ground-water model of Three Lakes Valley, North Clark and Lincoln Counties, Nevada: Las Vegas Valley Water District, Cooperative Water Project, Series Report No. 5, 45 p.
- Cole, J.C., Harris, A.G., Lanphere, M.A., Barker, C.E., and Warren, R.G., 1993, The case for pre-middle Cretaceous extensional faulting in northern Yucca Flat, southwestern Nevada: *Geological Society of America, Abstracts with Programs*, v. 25, no. 5, p. 22.
- Cole, J.C., Trexler, J.H., Jr., Cashman, P.H., and Hudson, M.R., 1994, Structural and stratigraphic relations of Mississippian rocks at the Nevada Test Site, *in* McGill, S.F., and Ross, T.M., eds., *Geological investigations of an active margin: Geological Society of America, Cordilleran Section Guidebook, San Bernardino, California*, p. 66-75.
- Cole, J.C., Wahl, R.R., and Hudson, M.R., 1990, Structural relations within the Paleozoic basement of the Mine Mountain block—Implications for interpretations of gravity data in Yucca Flat, Nevada Test Site: *Fifth Symposium on the Containment of Underground Nuclear Explosions, Santa Barbara, California, Lawrence Livermore National Laboratory, Proceedings, CONF-8909163*, v. 2, p. 431-456.
- Cole, K.L., 1986, The Lower Colorado River Valley—A Pleistocene Desert. *Quaternary Research*, v. 25, p. 392-400.
- Cole, K.L., and Webb, R.H., 1985, Late Holocene vegetation changes in Greenwater Valley, Mojave Desert, California: *Quaternary Research*, v. 23, no. 2, p. 227-235.
- Cole, O.N., 1975, Panamint—City of silver: *California Geology*, v. 28, p. 278-279.
- Cole, P., 1984, A study of regrading streams in an area of repeated uplift, Death Valley, California: Northfield, Minnesota, Carleton College Geology Department, unpublished report, 19 p. N (incomplete reference)
- Cole, R.D., 1986, Geology of the Butte Valley and Warm Springs formations, southern Panamint Range, Inyo County, California: (incomplete reference)
- Cole, R.D., 1988, Early to Middle Jurassic volcanism in the southern Panamint Range, California—The Warm Springs Formation revisited: *Geological Society of America, Cordilleran section, 84th annual meeting, Abstracts with Programs*, v. 20, p. 151.
- Coleman, D.S., and Walker, J.D., 1990, Geochemistry of Mio-Pliocene volcanic rocks from around Panamint Valley, Death Valley area, California, *in* Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada, *Geological Society of America, Geological Society of America Memoir 176*, 511 pages.

- Coleman, D.S., Walker, J.D., Bickford, M.E., et al., 1987, Geochemistry of Mio-Pliocene volcanic rocks from northern Panamint Mountains and Darwin plateau, Basin and Range Province—Implications for extension and regional geology: Geological Society of America, 1987 annual meeting, Abstracts with Programs, v. 19, p. 623.
- Collier, M., 1990, An introduction to the geology of Death Valley: Death Valley Natural History Association, Death Valley, California, 60 p.
- Collins, Lorence G., 1997, Sericitization in the Skidoo Pluton, California: a possible end-stage of large-scale K-metasomatism. (incomplete reference)
- Collins, W., Chang, S.-H., and Raines, G.L., 1982. Mineralogical mapping of sites near Death Valley, California and Crossman Peak, Arizona, using airborne near-infrared spectral measurements. *In* Proceedings of the International Symposium on Remote Sensing of Environment: Second Thematic Conference, "Remote Sensing for Exploration Geology," v. I, p. 201-202, Environmental Research Institute of Michigan. Ann Arbor, MI. (I,M)
- Conner, C.B., Lane-Magsino, S., Stamatakos, J.A., Martin, R.H., LeFemina, P.C., and Lieber, S., 1997, Magnetic surveys help reassess volcanic hazards at Yucca Mountain, Nevada: EOS [Transactions of the American Geophysical Union], v. 78, no. 7, p. 73, 77-78.
- Connolly, N.T., Jessup, M.J., Pack, S.M., et al., 1996, A pumice filled oxbow in the floodplain of the Owens River, Long Valley Caldera, California, clues to the events around the 600 yr BP Inyo Crater eruptions: EOS [Transactions of the American Geophysical Union] 1996 fall meeting, v. 77, p. 802.
- Conomos, T. John, 1961, The sedimentation of the Cottonwood-Marble Canyon alluvial fan, Death Valley, California. (incomplete reference)
- Conrad, J.E., and McKee, E.H., 1984, Geologic map of the Hunter Mountain, Panamint Dunes, and Wildrose Canyon Wilderness Study Areas, Inyo County, California: United States Geological Survey, United States Geological Survey Miscellaneous Field Studies Map MF-(in press), Extent unknown 1:62,500.
- Conrad, J.E., and McKee, E.H., Geologic map of the Inyo Mountains wilderness study area, Inyo County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1733 A, 1 sheet. (incomplete reference)
- Conrad, J.E., McKee, E.H., and Blakely, R.J., 1994, Tectonic setting of Late Cenozoic volcanism in the Saline and Last Chance Ranges, eastern California: Geological Society of America, 1994 Abstracts with Programs, 90th Annual Meeting of the Cordilleran Section, v. 26, p. 46. (T)
- Conway, F.M., Connor, C.B., Hill, C.B., et al., 1996, Landsat TM, SPOT, and SLAR interpretation of volcanic and structural features of the Greenwater and Saline ranges, Inyo County, California, USA: EOS [Transactions of the American Geophysical Union], 1996 fall meeting, v. 77, p. 793.
- Cooke, R., 1970, Morphometric analysis of pediments and associated landforms in the western Mojave Desert, California: American Journal of Science, v. 269, p. 26-38.
- Cooke, R., and Mason, P.F., 1973, Desert knolls, pediments and associated landforms in the Mojave Desert, California: Revue de geomorphologie dynamique, v. 22, p. 49-60.
- Cooke, R., and Reeves R., 1972, Relations between debris size and the slope of mountain fronts and pediments in the Mojave Desert, California: Zeitschrift fur Geomorphologie, band 16, p. 76-82.
- Cooke, R., Warren, A., and Goudie, A., 1993, Desert Geomorphology: University of London Press (incomplete reference)
- Cooke, R.U., 1970, Stone pavements in deserts: Annals of the Association of American Geographers, v. 60, p. 560-577.
- Cooke, R.U., 1986, Surface forms of northern Panamint Valley, *in* Davis, Emma Lou, and Raven, Christopher, Editors, Environmental and paleoenvironmental studies in Panamint Valley: San Diego, CA, Great Basin Foundation, Contributions of the Great Basin Foundation Number 2, p. 8-27, 64 p.
- Cooke, R.U., and Warren, A., 1973, Geomorphology in Deserts: University of California Press, Berkeley and Los Angeles, 374 p.
- Cooper, H.H., Jr., Bredehoeft, J.D., Papadopoulos, I.S., and Bennett, R.R., 1965, The response of well-aquifer systems to seismic waves: Journal of Geophysical Research, v. 70, no. 16, p. 3915-3926.
- Cooper, J.D., 1989, Does Upper Cambrian Dunderberg Shale-Halfpint carbonate couplet in southern Great Basin qualify as grand cycle?: AAPG-SEPM-SEG-SPWLA Pacific Section annual meeting, v. 73, p. 536.

- Cooper, J.D., Albright, G., et al., 1989, Does the Upper Cambrian Dunderberg Shale-Halfpint carbonate couplet in the southern Great Basin qualify as a grand cycle?—Cavalcade of carbonates: Field Trip Guidebook-Pacific Section, Society of Economic Paleontologists and Mineralogists, v. 61, p. 77-86.
- Cooper, J.D., and Hill, M.L., 1987, Lower Paleozoic craton-margin section, northern Potosi Valley, southern Spring Mountains, Clark County, Nevada: Cordilleran section of the Geological Society of America, Centennial Field Guide 1, p. 61-66.
- Cooper, J.D., and Miller, R.H., 1976, Stratigraphy and depositional environments of lower part of Nopah Formation (Upper Cambrian), southern Great Basin, Abstracts with programs, AAPG-SEPM [Society for Sedimentary Geology] National Meeting, New Orleans, LA, p. 52.
- Cooper, J.D., and Miller, R.H., 1976, Stratigraphy and depositional environments of lower part of Nopah Formation (upper Cambrian), southern Great Basin: AAPG Bulletin, v. 60, p. 659.
- Cooper, J.D., Edwards, J.C., 1991, Cambrian-Ordovician craton margin section, southern Great Basin, a sequence stratigraphic perspective: AAPG-SEPM-SEG-SPWLA Pacific Section annual meeting, v. 75, p. 360-361.
- Cooper, J.D., Edwards, J.C., et al., 1991, Cambro-Ordovician craton-margin carbonate section, southern Great Basin—A sequence-stratigraphic perspective, Paleozoic paleogeography of the Western United States, II: Field Trip Guidebook-Pacific Section, Society of Economic Paleontologists and Mineralogists, v. 67, p. 237-252.
- Cooper, J.D., Fedo, C.M., 1995, Base of the Sauk Sequence in the southern Great Basin and eastern Mojave Desert: Geological Society of America, 1995 annual meeting, Abstracts with Programs, v. 27, p. 331.
- Cooper, J.D., Keller, M., Lehnert, O., et al., 1997, Paleokarst and sequence boundaries in L.-M. Ordovician dolomites south of the Las Vegas Valley shear zone, California and Nevada: AAPG Pacific Section meeting, abstracts, 81, p. 683.
- Cooper, J.D., Miller, R.H., 1982, Upper Cambrian stratigraphic cycles, southwestern Great Basin: AAPG-SEG-SEPM Pacific Section meeting, v. 66, p. 1686.
- Cooper, J.D., Miller, R.H., and Sundberg, F.A., 1981, Upper Cambrian depositional environments, southeastern California and southern Nevada, *in* Short papers for the Second International Symposium on the Cambrian System, United States Geological Survey, United States Geological Survey Open-File Report 81-743 [or 81-731 (?)], Extent unknown .
- Cooper, J.D., Miller, R.H., Sundberg, F.A., et al., 1982, Environmental stratigraphy of the lower part of the Nopah Formation (Upper Cambrian), southwestern Great Basin: Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California, p. 97-116. (incomplete reference)
- Cooper, J.D., Sundberg, F.A., Nriagu, J.O., et al., 1982, Carbonate interbeds, an index to paleoenvironments of the Upper Cambrian Dunderberg Shale, southwestern Great Basin: Eleventh International Congress on Sedimentology, v. 11, p. 112. (incomplete reference)
- Cooper, T.C., 1978, Death Valley: Arizona Highways, v. 54, p. 9-23.
- Coplen, T.B., Winograd, I.J., Landwehr, J.M., and Riggs, A.C., 1993, 500,000-year stable carbon isotopic record from Devils Hole, NV: Science, Jan. 21, 1994, v. 263, p. 361-365.
- Coplen, T.B., Winograd, I.J., Ludwig, K.R., Szabo, B.J., Landwehr, J.M., Kolesar, P.T., and Hoffman, R.J., 1990, Continuous 500,000-year climatic record from Great Basin vein calcite-2. The $\delta^{13}\text{C}$ time series [abs.]: Geological Society of America, Abstracts with Programs, v. 22, no. 7, p. 209.
- Corbett, K., Wrucke, C.T., and Nelson, C.A., 1988, Structure and tectonic history of the Last Chance thrust system, Inyo Mountains and Last Chance Range, California, *in* Weide, D.L., and Faber, M.L., eds., This extended land, geological journeys in the southern Basin and Range: Geological Society of America, Cordilleran Section Field Trip Guide, p. 269-292.
- Corbett, K.P., 1989, Structural geology of the Last Chance thrust system, east-central California: University of California, Los Angeles, Unpublished Ph.D. thesis, 245 p. T
- Cornwall, H.R., 1972 Geology and mineral deposits of southern Nye County, Nevada: University of Nevada at Reno, Mackay School of Mines, Nevada Bureau of Mines and Geology Bulletin 77, 41 p.
- Cornwall, H.R., and Kleinhampl, F.J., 1961, Geology of the Bare Mountain quadrangle, Nevada: U.S. Geological Survey Quadrangle Map GQ-157, scale 1:62500.
- Cornwall, H.R., and Kleinhampl, F.J., 1961, Preliminary geologic map and sections of the Bullfrog Quadrangle, Nevada-California: U.S. Geological Survey Mineral Investigations Field Studies Map MF-177, map scale 1:40,000, 1 sheet.

- Cornwall, H.R., and Kleinhampl, F.J., 1964, Geology of Bullfrog Quadrangle and ore deposits related to Bullfrog Hills Caldera, Nye County, Nevada and Inyo County, California: U.S. Geological Survey Professional Paper 454-J, 25 p, map scale 1:62,500.
- Coston, A.P 1973, ATS Amargosa Tracer Study—Program manual: Computer Sciences Corporation Report DOE/NVO 412-1, 58 p.
- Coulombe, H.N., 1964, The distribution and ecology of the Crawford desert shrew, *Notiosorex crawfordi*, in Saline Valley, Inyo County, California: *The Wasmann Journal of Biology*, v. 22, no. 2, p. 277-297.
- Countryman, R.L., 1977, Hydroboracite from the Amargosa Desert, eastern California: *The Mineralogical Record*, v. 8, p. 503-504.
- Court, A., 1949, How hot is Death Valley?: *The Geographical Review*, v. 39, no. 2, p. 214-220.
- Courtois, L. A., 1980, Endangered, Threatened, And Rare Fish.: Origin, Status, And Future Management Of The Cottonball Marsh Pupfish, (*Cyprinodon Milleri*) (La Bounty And Deacon), In Death Valley, California. Cal. Dept. Of Fish And Game. (incomplete reference)
- Coutryman, R.L., 1977, The subsurface geology, structure, and mineralogy of the Billie borate deposit, Death Valley, California: Unpublished M.S. thesis, University of California at Los Angeles, 129 p.
- Coville, F. V., 1893, Botany of the Death Valley Expedition, Contributions from the U. S. National Herbarium, IV: Washington, D.C., United States Government Printing Office, 363 p.
- Covington, H.R., 1990, The Delamar fracture zone—Recognition of unmapped zones of weakness on Pahute Mesa, Nevada Test Site: Fifth Symposium on the Containment of Underground Nuclear Explosions, Santa Barbara, California, Lawrence Livermore National Laboratory, Proceedings, CONF-8909163, v. 2, p. 405-416.
- Covington, H.R., and Berger, M.A., 1997, Catalogue of lithologic and stratigraphic information from drill holes on the Nevada Test Site and environs: U.S. Geological Survey Open-File Report 97-139, 221 p.
- Cowan, D.S., Cladouhos, T.T., and Morgan, J.K., 1996, Kinematics and mechanisms of flow in fault gouge, Death Valley, California: EOS [Transactions of American Geophysical Union] 1996 Fall Meeting, v. 77, p. F718.
- Cowan, D.S., Cladouhos, T.T., and Morgan, J.K., 1997, Kinematic evolution of fault rocks in brittle shear zones, Death Valley, California: *Geological Society of America Abstracts with Programs*, v. 29, no. 6, p. A-200.
- Cowan, D.S., Do faults preserve a record of seismic slip?—A field geologist's opinion: *Journal of Structural Geology*, in press. (incomplete reference)
- Cowart, J.B., 1979, Uranium isotopes in the Paleozoic carbonate aquifer of South-central Nevada and adjacent California: *Geological Society of America*, 92nd annual meeting, *America Abstracts with Programs*, v. 11, p. 405.
- Cowart, J.B., 1984, Uranium isotopes in ground water from sites in Nevada, California, and Utah: *Geological Society of America*, 97th annual meeting, *America Abstracts with Programs*, v. 16, p. 478.
- Cox, R.T., 1994, Analysis of drainage-basin symmetry as a rapid technique to identify areas of possible Quaternary tilt-block tectonics—An example from the Mississippi Embayment: *Geological Society of America Bulletin*, v. 106, p. 571-581.
- Craft, M.G., 1964, Results of drilling test well 27N/1E-16R1, near Furnace Creek Ranch in Death Valley National Monument: U.S. Geological Survey, Ground Water Branch, Sacramento, California. (incomplete reference)
- Craig, R.W., and Johnson, K.A., 1984, Geohydrologic data for test well UE-25p#1, Yucca Mountain area, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-450, 63 p.
- Craig, R.W., and Reed, R.L., 1989, Geohydrology of rocks penetrated by test well USW H-6, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 89-4025, 40 p.
- Craig, R.W., and Robison, J.H., 1984, Geohydrology of rocks penetrated by test well UE-25p#1, Yucca Mountain area, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 84-4248, 57 p.
- Craig, R.W., Reed, R.L., and Spengler, R. W., 1983, Geohydrologic data for test well USW H-6 Yucca Mountain area, Nye County, Nevada: U.S. Geological Survey Open-File Report 83-856, 35 p.
- Cranston, A., 1976, The battle for Death Valley.: *National Parks Conservation Magazine*, v. 50, no. 1, p. 4-9.
- Creutz, E., 1962, The racing rocks: *Pacific Discovery*, v. 15, p. 24-26.
- Crews, A.L., 1980, Sedimentology of a Lower Cambrian shelf sequence: Zabriskie Quartzite, Saline Valley Formation, and related strata, southern Great Basin, U.S.A., Los Angeles, CA, University of California, Los Angeles. (incomplete reference)

- Criley, E., and Geist, E., 1987, Environmental assessment for a seismic refraction survey of Death Valley: U.S. Geological Survey, Office of Earthquakes, Volcanoes, and Engineering, 17 p. (incomplete reference)
- Crippen, J.R., 1963, Travertine Springs investigation: U.S. Geological Survey Administrative Report, 2 p.
- Crippen, J.R., 1979, Potential hazards from floodflows and debris movement in the Furnace Creek Area, Death Valley National Monument California-Nevada: U.S. Geological Survey Open-File Report 79-991, 23 p.
- Crippen, J.R., 1981, Potential hazards from floodflows in Wildrose Canyon, Death Valley National Monument, California and Nevada: U.S. Geological Survey Open-File Report 81-407, 23 p.
- Crittenden, M.D., Jr, Coney, P.J., and Davis, G.H., 1980, Cordilleran metamorphic core complexes: Geological Society of America Memoir 153, 490 p.
- Croft, M.G., 1964, Results of drilling test well 27N/1E-16R1 near Furnace Creek Ranch in Death Valley National Monument, California: U.S. Geological Survey Ground Water Branch, Sacramento, California, 5 p. (incomplete reference)
- Croft, M.G., Water-resources reconnaissance of Ashford Mill and Emigrant Ranger Station, Death Valley National Monument, California: U.S. Geological Survey Administrative Report, 18 p. (incomplete reference)
- Crompton, E.J., and Frick, E.A., 1996, Estimated use of water in Nevada, 1985: U.S. Geological Survey Open-File Report 96-106, 40 p, 26 figures, 34 tables.
- Crossland, A., 1994, Implications of roof structures for the emplacement of the Hall Canyon Pluton, Panamint Mountains, California: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 134.
- Crow, N.B., 1976, First observations of tritium in ground water outside chimneys of underground nuclear explosions, Yucca Flat, Nevada Test Site: Lawrence Livermore Laboratory Report UCRL-52073, 35 p.
- Crowder, D.F. and Sheridan, M.F., 1972, Geologic Map of the White Mountain Peak Quadrangle, Mono County, California: U.S. Geological Survey Geol. Quad. Map CQ-1012.
- Crowe, B.M., 1992, The Lathrop Wells volcanic center, *in* Field trip guide book DOE/participant management field trip on regional geology and hydrogeology, southwestern Nevada January 28-31, 1992.
- Crowe, B.M., and Fisher, R.V., 1973, Sedimentary structures in base-surge deposits with special reference to cross bedding, Ubehebe Crater, Death Valley, California: Geological Society of America Bulletin, v. 84, no. 2, p. 663-682
- Crowe, B.M., and Sargent, K.A., 1979, Major element geochemistry of the Silent Canyon-Black Mountain peralkaline volcanic centers, northwestern Nevada Test Site—Applications to an assessment of renewed volcanism: U.S. Geological Survey Open-File Report 79-926, 25 p.
- Crowe, B.M., Harrington, C., McFadden, L., Perry, F., Wells, S., Turrin, B., and Champion, D., 1988, Preliminary geologic map of the Lathrop Wells volcanic center: Los Alamos National Laboratory Report LA-UR-88-4155, 7 p.
- Crowe, B.M., Wohletz, K.H., Vaniman, D.T., Gladney, E., and Bower, N., 1986, Status of volcanic hazard studies for the Nevada nuclear waste storage investigations, v. II: Los Alamos Laboratories, LA-9325-MS, 101 p.
- Crowe, Bruce Mansfield, 1972, The Ubehebe Craters, northern Death Valley, California: Unpublished MA thesis, University of California at Santa Barbara. (incomplete reference)
- Crowell, J., 1974, Origin of late Cenozoic basins in southern California, *in* Dickinson, W.R., ed., Tectonics and sedimentation: Special Publication of Society of Economic Paleontological and Mineral, v. 22, p. 190-204. (incomplete reference)
- Crowley, J.K., 1991, Visible and near-infrared (0.4-2.5 um) reflectance spectra of playa evaporite minerals: Journal of Geophysical Research, v. 96, p. 16,231-16,240.
- Crowley, J.K., 1993, Mapping playa evaporite minerals with AVIRIS data—A first report from Death Valley, California: Remote Sensing of Environment., v. 44, p. 337-356. (I,M)
- Crowley, J.K., 1996, Mg- and K-bearing borates and associated evaporites at Eagle Borax Spring, Death Valley, California—A spectroscopic exploration: Economic Geology, v. 91. (incomplete reference)
- Crowley, J.K., and Hook, S.J., 1996, Mapping playa evaporite minerals and associated sediments in Death Valley, California, with multispectral thermal infrared images: Journal of Geophysical Research, v. 101, no. B1, January 10, 1996, p. 643-660.
- Curly, D.V., 1937, Exploring Aragonite Cave: The Mineralogist, v. California number, p. 34-36.

- Currey, D.R., 1990, Quaternary paleolakes in the evolution of semidesert basins, with special emphasis on Lake Bonneville and the Great Basin, USA: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 76, p. 189-214.
- Curry, H.D., 1938, "Turtleback" fault surfaces in Death Valley, California [abs.]: *Geological Society of America Bulletin*, v. 49, no. 12, pt. 2, p. 1875. T
- Curry, H.D., 1938, Strike-slip faulting in Death Valley, California [abs.]: *Geological Society of America Bulletin*, v. 49, no. 12, pt. 2, p. 1874-1875. T
- Curry, H.D., 1939, Tertiary and Pleistocene mammal and bird tracks in Death Valley [abs.]: *Geological Society of America Bulletin*, v. 50, p. 1971-1972.
- Curry, H.D., 1941, Mammalian and avian ichnites in Death Valley: *Geological Society of America Bulletin*, v. 52, no. 12, p. 1979.
- Curry, H.D., 1949, "Turtlebacks" of central Black Mountains, Death Valley, California: *Geological Society of America Bulletin*, v. 60, p. 1882.
- Curry, H.D., 1954, Turtlebacks in the central Black Mountains, Death Valley, California, Chap. 7, *in* Jahns, R. H., ed., *Geology of southern California*: California Department of Natural Resources, Division of Mines and Geology Bulletin 170, p. 53-59. T
- Curry, R.R., 1969, Holocene Climatic and Glacial History of the Central Sierra Nevada, California: *Geological Society of America Special Paper* 123.
- Curry, R.R., 1971, *Glacial and Pleistocene History of the Mammoth Lakes Sierra, a Geologic Guidebook*: Missoula, Montana, University of Montana Department of Geology Publication No. 11, 49 p.
- Czarnecki, J.B., 1985, Simulated effects of increased recharge on the ground-water flow system of Yucca Mountain and vicinity, Nevada-California: U.S. Geological Survey Water-Resources Investigations Report 84-4344, 33 p.
- Czarnecki, J.B., 1987, Should the Furnace Creek Ranch-Franklin Lake Playa ground-water subbasin simply be the Franklin Lake Playa ground-water subbasin?: EOS [Transactions of the American Geophysical Union], 1987 fall annual meeting, v. 68, p. 1292.
- Czarnecki, J.B., 1990, Geohydrology and evapotranspiration at Franklin Lake Playa, Inyo County, California: U.S. Geological Survey Open-File Report 90-356, 96 p.
- Czarnecki, J.B., 1990, Hydrologic, meteorological, and unsaturated-zone moisture-content data, Franklin Lake Playa, Inyo County, California: U.S. Geological Survey Open-File Report 89-595, 38 p.
- Czarnecki, J.B., 1990, Possible effects of a wetter climate on the ground-water flow system of Yucca Mountain and vicinity, Nevada-California: *Geological Society of America*, 1990 annual meeting, Abstracts with Programs, v. 22, no. 7, p. 209.
- Czarnecki, J.B., 1991, Simulated water-level declines caused by withdrawals from wells J-13 and J-12 near Yucca Mountain, Nevada: U.S. Geological Survey Open-File Report 91-478, 21 p.
- Czarnecki, J.B., 1997, Geohydrology and evapotranspiration at Franklin Lake Playa, Inyo County, California, with a section on Estimating evapotranspiration using the energy-budget eddy-correlation technique by David I. Stannard: U.S. Geological Survey Water-Supply Paper 2377, 75 p.
- Czarnecki, J.B., and Wilson, W.E., 1991, Conceptual models of regional ground-water flow and planned studies at Yucca Mountain, Nevada: *American Institute of Hydrology, Hydrological Science and Technology*, v. 7, no. 1-4, p. 15-25.
- Czarnecki, J.B., Kroitoru, L., Ronen, D., and Magaritz, M., 1992, Does localized recharge occur at a discharge area within the ground-water flow system of Yucca Mountain, Nevada?: *Proceeding of the Symposium on Waste Management, Tucson, Arizona, March 1-5, 1992*, Presented in cooperation with the International Atomic Energy Agency, p. 953-958.
- Czarnecki, J.B., Laul, J.C., Van Luik, A.E., et al., 1989, Characterization of the subregional ground-water flow system at Yucca Mountain and vicinity, Nevada-California: *Nuclear waste management, 1988, Perspectives on national and international programs and technology*, pt. 2, v.13, p. 51-61. (incomplete reference)
- Czarnecki, J.B., Talbot, R., 1988, Evapotranspiration estimated from areally distributed discharge from Longstreet, Rogers, and Fairbanks springs, Ash Meadows, Nevada: AGU 1988 fall meeting: EOS [Transactions of the American Geophysical Union], 1988 fall meeting, v. 69, p. 1206.

D

-
- D'Agnese, F.A., Faunt, C.C., and Turner, A.K., 1995, Preliminary digital geologic maps of the Mariposa, Kingman, Trona, and Death Valley sheets, California: U.S. Geological Survey Open-File Report 94-318, 19 p.
- D'Agnese, F.A., Faunt, C.C., Turner, A.K., and Hill, M.C., 1997, Hydrogeologic evaluation and numerical simulation of the Death Valley regional ground-water flow system, Nevada and California: U.S. Geological Survey Water-Resources Investigations Report 96-4300, 124 p.
- D'Agnese, F.A., 1994, Using geoscientific information systems for three-dimensional modeling of regional ground-water flow systems, Death Valley Region, Nevada and California: Department of Geology and Geological Engineering, Colorado School of Mines, Unpublished Ph.D. dissertation, Golden, Colorado, 331 p. (I,G)
- D'Agnese, F.A., Faunt, C.C., and Turner, A. K., 1996, Using remote sensing and GIS techniques to estimate discharge and recharge fluxes for the Death Valley regional groundwater flow system, USA, editor unknown, HydroGIS 96: Proceedings of the Vienna Conference, April 1996, p. pages 503-511.
- Daily, M., Elachi, C., Farr, T., and Schaber, G., 1978. Discrimination of geologic units in Death Valley using dual frequency and polarization imaging radar data. *Geophysical Research Letters*, v. 5, p. 889-892. (I,M)
- Daily, M., Farr, T. Elachi, C. and Schaber, G., 1979, Geologic interpretation from composited radar and Landsat imagery: *Photogram. Engr. Remote Sensing*, v. 45, p. 1109-1116. *I
- Daily, M.I., 1984. Applications of imaging radar to geology. University of California, Santa Barbara, Unpublished Doctoral Dissertation, 339 pp. (I)
- Dalrymple, G.B., 1963, Potassium-argon Dates of Some Cenozoic Volcanic Rocks of the Sierra Nevada, California: *Geological Society of America, Bulletin*, v. 74, p. 379-390.
- Dalrymple, G.B., 1979, Critical tables for conversion of K-Ar ages from old to new constants: *Geology*, v. 7, p. 558-560.
- Darwin Meyers Associates, 1992, Fault Hazard Investigation, Grapevine Ranger Station area, Death Valley National Monument: Private Consultants, 1308 Pine Street, Martinez, CA., January 1992, 15 p.
- Davidson, C., and Lo, M.P., 1973, Analysis of water samples from selected springs in the Death Valley area: Unpublished paper by graduate students, California Institute of Technology, Pasadena, California, 24 p.
- Davis, D., Brunson, R. F., and Gorden, T., 1985, Flood mitigation study Death Valley National Monument California and Nevada (Draft): U.S. National Park Service, Denver Service Center, Denver, Colorado, 83 p.
- Davis, D.L., 1955, Anaconda's operation at Darwin mines, Inyo County, California: Unpublished Masters Thesis, University of Nevada, Reno, Nevada. (incomplete reference).
- Davis, D.R., 1984, Task directive Death Valley National Monument California and Nevada flood mitigation studies packages 271 and 301 and baseline floodplain analysis: (incomplete reference)
- Davis, G.A., 1973, Relations between the Keystone and Red Spring thrust faults, eastern Spring Mountains, Nevada: *Geological Society of America Bulletin*, v. 84, p. 3709-3716. (763-771)
- Davis, G.A., 1977, Limitations on displacement and southeastward extent of the Death Valley fault zone, California, *in* Short contributions to California geology: California Department of Conservation, Division of Mines and Geology Special Report 129, p. 27-33. T
- Davis, G.A., 1988, Enigmatic "older over younger" low-angle faulting of Miocene age, central Owshead Mountains, California [Abstract]: *Geological Society of America, Abstracts With Programs*, v. 20, no. 3, p. 154.
- Davis, G.A., 1995, Active slip along shallow dipping extensional detachment faults, the geologic case from the Southwestern United States. (incomplete reference)
- Davis, G.A., and Burchfiel, B.C., 1973, Garlock fault, an intercontinental transform structure, southern California: *Geological Society of America Bulletin*, v. 84, p. 1407-1422. (T)
- Davis, G.A., and Burchfiel, B.C., 1993, Tectonic problems revisited, the eastern terminus of the Miocene Garlock Fault and the amount of slip on the southern Death Valley fault zone: *Geological Society of America, 89th annual Cordilleran Section meeting and 46th annual Rocky Mountain Section meeting, Abstracts with Programs*, v. 25, p. 28.
- Davis, G.A., and Fleck, R.J., 1977, Chronology of Miocene volcanic and structural events, central Owshead Mountains, eastern San Bernardino County, California [Abstract]: *Geological Society of America, Abstracts With Programs*, v. 9, no. 4, p. 409 [407?].

- Davis, G.A., and Shackelford, T.J., 1974, Limitations on southward extent of the Death Valley Fault Zone, California [Abstract]: Abstracts With Programs, Cordilleran Section 70th Annual Meeting, Geological Society of America, v. 6, no. 3, p. 161.
- Davis, G.A., Burchfiel, B.C., Wrucke, C.T., et al., 1997, The Butte Valley and Layton Well thrusts of eastern California, distribution and regional significance—Discussion and reply: *Tectonics*, v. 16, p. 182-185.
- Davis, G.A., Fowler, T.K., Bishop, K.M., Brudos, T.C., Friedmann, S.J., Burbank, D.W., Parke, M.A., and Burchfiel, B.C., 1993, Pluton pinning of an active Miocene detachment fault system, eastern Mojave Desert, California: *Geology*, v. 21, p. 627-630. T
- Davis, G.A., Fowler, T.K., Park, M., Bishop, K. and Friedmann, S.J., 1994, Geologic map of the Shadow Valley basin: unpublished, 1:62,500.
- Davis, G.A., Geologic map of a part of the Owshead Mountains, California: unpublished, scale approximately 1:25,000. (incomplete re
- Davis, G.A., Parke, M., Bishop, K., Fowler, T.K., and Friedmann, S.J., 1991, Grand scale detachment and emplacement of gravity-driven slide sheets into a Miocene terrestrial basin, eastern Mojave Desert, California: Geological Society of America, Abstracts with Programs, v. 23, p. 467.
- Davis, G.H., 1983, Shear zone model for the origin of the Cordilleran metamorphic core complexes: *Geology*, v. 11, p. 342-347.
- Davis, G.H., and Coney, P.J., 1979, Geologic development of the Cordilleran metamorphic core complexes: *Geology*, v. 7, p. 120-124.
- Davis, J.L., Elosegui, P., Bennett, R.A., et al., 1996, Strain accumulation along Holocene faults near Yucca Mountain, Nevada from GPS geodesy: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 394.
- Davis, J.O., and Chadwick, O.A., 1988, Late Quaternary Fine Sediment Flux in the Great Basin—Pedogenic, Climatic, and Stratigraphic Implications: Geological Society of America, Abstracts with Programs, v. 20, no. 7, p. A207.
- Davis, O.K., and Anderson, R.S., 1987, Pollen in packrat (*Neotoma*) middens, pollen transport and the relationship of pollen to vegetation: *Palynology*, v. 11, p. 185-198.
- Davis, P.A., Berlin, G.L., and Chavez, P.S., Jr., 1987, Discrimination of altered basaltic rocks in the Southwestern United States by analysis of Landsat thematic mapper data: *Photogrammetric Engineering and Remote Sensing*, v. 53, p. 45-55.
- Davis, T.P., Yousef, M.K., Douglas, C.L., and others, 1977, Hematological Responses Of The Feral Burro, */Equus Asinus/*—Field And Laboratory.: *Trans. Ill. State Acad. Sci.* v. 70, no. 2, p. 212.
- Davis, W.M., 1905, The geographical cycle in an arid climate: *Journal of Geology*, v. 13, p. 381-407.
- Davis, W.M., 1933, Granitic domes of the Mojave Desert, California: *San Diego Society of Natural History Transactions*, v. 7, p. 211-258.
- Davis, W.M., and Maxson, J.H., 1935, Valleys of the Panamint Mountains, California: *Proceedings of the Geological Society of America for 1935*, p. 339.
- Dawers, N.H. and Anders, M.H., 1995, Displacement-length scaling and fault linkage: *Journal of Structural Geology*, v. 17, p. 607-614.
- Dawers, N.H., and Anders, M.H., 1992, Displacement-length scaling for normal faults of the "Volcanic Tableland", eastern California: Geological Society of America, 1992 annual meeting, Abstracts with Programs, v. 24, p. 156.
- Dawers, N.H., Anders, M.H. and Scholz, C.H., 1993, Self-similarity in faulting: Geological Society of America, 1993 annual meeting, 25, 345.
- de Voogd, B., Serpa, L., Brown, L., 1988, Crustal extension and magmatic processes: COCORP profiles of Death Valley and the Rio Grande rift: Geological Society of America, *Bulletin*, v. 100, p.1550-1567.
- de Voogd, B., Serpa, L., Brown, L., Hauser, E., Kaufman, S., Oliver, J., Troxel, B.W., Willemin, J., and Wright, L.A., 1986, Death Valley bright spot—A midcrustal magma body in southern Great Basin, California?: *Geology*, v. 14, no. 1, p. 64-67.
- Deacon, J.E., and Minckley, W. L., Desert fishes, *Chapter VII in* Author unknown, *Desert biology*, volume 2: special topics on the physical and biological aspects of arid regions: New York, NY, Academic Press, p. pages 385-488, Extent (of whole) unknown. (incomplete reference)
- Dean, L.E., 1978, The California desert sand dunes: Department of Earth Science, University of California at Riverside, 72 p.
- Death Valley National Monument, 1990, Capabilities and interest statement: proposal for implementing a global change research and monitoring program at Death Valley National Monument. (incomplete reference)

- Dedecker, M., 1976, The Eureka Dunes: *Fremontia* 3(4):1, p. 7-20. (incomplete reference)
- Deen, P.A., 1984, Ordovician to Lower (Middle?) Devonian lithology and depositional environments, Nopah Range, Inyo County, California: Publisher 295.
- Deen, P.A., 1984, Revised interpretation of the Silurian-Devonian unconformity, Nopah Range, Inyo County, California (incomplete reference)
- Deino, A.L., Hauseback, B.P., Turrin, B.T., and McKee, E.H., 1989, New $^{40}\text{Ar}/^{39}\text{Ar}$ ages for the Spearhead and Civit Cat Members of the Stonewall Tuff, Nye County, Nevada: EOS, Transactions, American Geophysical Union, v. 70. no. 43, 1409.
- Dellinger, D.A., 1989, California's unique geologic history and its role in mineral formation, with emphasis on the mineral formation, with emphasis on the mineral resources of the California Desert region. Washington: U.S. Geological Survey, 16 p. (incomplete reference)
- DeMeo, G.A., 1996, Micrometeorological data for Boulder Valley, Eureka County, Nevada, June 1992 through August 1993: U.S. Geological Survey Open-File Report 96-420, 5 p., 9 figures, 3 tables.
- DeMeo, G.A., 1996, Micrometeorological data for Railroad Valley, Nye County, Nevada, Summer 1992: U.S. Geological Survey Open-File Report 96-365, 5 p., 9 figures, 3 tables.
- Denny, C.S., 1961, Landslides east of Funeral Mountains, near Death Valley Junction, California, Article 323: U.S. Geological Survey Professional Paper 424, p. D85-D89.
- Denny, C.S., 1965, Alluvial fans in the Death Valley region, California and Nevada: U.S. Geological Survey Professional Paper 466, 62 p., with 5 plates (maps of alluvial fans). Q
- Denny, C.S., 1967, Fans and pediments: *American Journal of Science*, v. 265, no. 2, p. 81-105.
- Denny, C.S., and Drewes, H., 1965, Geology of the Ash Meadows Quadrangle, Nevada-California - the history of a desert basin and its bordering highlands: U.S. Geological Survey, Bulletin 1181-L, 56 p., 1 plate, map scale 1:62,500.
- Densmore, A.L. and Anderson, R.S., 1997, Tectonic geomorphology of the Ash Hill Fault, Panamint Valley, California: *Basin Research*, v. 9, p. 53-63.
- Densmore, A.L., 1997, Active tectonics, landsliding, and the evolution of mountainous topography: (incomplete reference).
- Densmore, A.L., and Anderson, R.S., 1994, Recent tectonic geomorphology of Panamint Valley, California: EOS [Transactions of the American Geophysical Union], 1994 fall meeting, v. 75, p. 296.
- dePolo, C.M., 1989, Seismotectonics of the White Mountain fault system, eastern California and western Nevada: Unpublished MS Thesis, University of Nevada at Reno, 354 p.
- dePolo, C.M., and Ramelli, A.R. 1987, Preliminary report on surface fractures along the White Mountains fault zone associated with the July 1986 Chalfant Valley earthquake sequence: *Bulletin of the Seismological Society of America*, v. 77, no. 1, pp. 290-296.
- dePolo, C.M., Bell, J.W., and Ramelli, A.R., 1987, Geometry of strike-slip faulting related to the 1932 Cedar Mountain earthquake, central Nevada: *Geological Society of America Abstracts with Programs*, v. 19, p. 371.
- dePolo, C.M., Peppin, W.A., and Johnson, P.A., 1993, Contemporary tectonics, seismicity, and potential earthquake sources in the White Mountains seismic gap, west-central Nevada and east-central California, USA: *Tectonophysics*, v. 225, p. 271-299.
- dePolo, Clark, D.G., Slemmons, D.B. and Aymard, W.A., 1990, Historical Basin and Range Province surface faulting and fault segmentation, in Workshop on fault segmentation and controls of rupture initiation and termination: U.S. Geological Survey Open-file Report, 31 p. (incomplete reference)
- Dettinger, M.D., 1989, Distribution of carbonate-rock aquifers in southern Nevada and the potential for their development, summary of findings, 1985-88: Program for the study and testing of carbonate-rock aquifers in eastern and southern Nevada: Summary Report No. 1, U.S. Geological Survey and Desert Research Institute, University of Nevada, 37 p. (H)
- Dettinger, M.D., 1989, Reconnaissance estimates of natural recharge to desert basins in Nevada, U.S.A., by using chloride-balance calculations: *Journal of Hydrology*, v. 106, p. 55-78.
- Dettinger, M.D., 1992, Geohydrology of areas being considered for exploratory drilling and development of the carbonate-rock aquifers in southern Nevada—preliminary assessment: U.S. Geological Survey Water-Resources Investigations Report 90-4077, 35 p.

- Dettinger, M.D., and Schaefer, D.H., 1996, Hydrogeology of structurally extended terrain in the eastern Great Basin of Nevada, Utah, and adjacent states, from geologic and geophysical models: U.S. Geological Survey, Hydrologic Investigations Atlas HA-694-D, 1 sheet.
- Dettinger, M.D., Harrill, J.R., Schmidt, D.L., and Hess, J.W., 1995, Distribution of carbonate-rock aquifers and the potential for their development, southern Nevada and parts of Arizona, California, and Utah: U.S. Geological Survey Water-Resources Investigations Report 91-4146, 100 p.
- Dewitt, E., 1980, Geology and geochronology of the Halloran Hills, southeastern California, and implications concerning Mesozoic tectonics of the southwestern Cordillera: Unpublished Ph.D. dissertation, Pennsylvania State University, University Park, Pennsylvania, 240 p.
- DeWitt, E., Armstrong, R.L., Sutter, J.F., and Zartman, R.E., 1984, U-Th-Pb, Rb-Sr and Ar-Ar mineral and whole-rock isotope system a metamorphosed granitic terrane, southeastern California: Geological Society of America Bulletin, v. 95, p. 723-739.
- DeWitt, E., Miller, D.M. and Snoke, A.W., 1984, Mesozoic regional metamorphic terranes, Western U.S.: The Geological Society of America, 97th annual meeting, Abstracts with Programs, v. 16, p. 486.
- DeWitt, E., Sutter, J.F., Wright, L.A. and Troxel, B.W., 1988, Ar-Ar chronology of early Cretaceous regional metamorphism, Funeral Mountains, California—A case study of excess argon: Geological Society of America Abstracts with Programs, v. 20, no. 7, p. A16. C
- DeWitt, E., Wright, L.A., and Troxel, B.W., 1979, Mesozoic metamorphic terrains in the Death Valley area, southern California: Geological Society of America, Abstracts with Programs, v. 11, 413 p.
- Dible, C.W., 1994, Butte Valley: California Explorer, March/April, p. 3-5.
- Dickerson, W.R., and Snyder, W.S., 1979, Geometry of triple junctions related to the San Andreas transform: Journal of Geophysical Research, v. 85, p. 561-572.
- Dickey, D.D., Carr, W.J., and Bull, W.B., 1980, Geologic map of the Parker NW, Parker, and parts of the Whipple Mountains SW and Whipple Wash quadrangles, California and Arizona: U.S. Geological Survey Miscellaneous Investigations Map I-1124, scale 1:24,000.
- Dickinson, W.R., and Wernicke, B.P., 1997, Reconciliation of San-Andreas slip discrepancy by a combination of interior Basin and Range extension and transrotation near the coast: Geology, v. 27, p. 663-665. T
- Diehl, P., 1974, Stratigraphy and sedimentology of the Wood Canyon Formation, Death Valley area, California, *in* Guidebook to Death Valley Region, California and Nevada, 70th annual meeting of the Cordilleran section, Geological Society of America Field Trip Number 1: The Death Valley Publishing Company, Shoshone, California, California Division of Mines and Geology Special Report 106, p. 37-48.
- Diehl, P., 1976, Stratigraphy and Sedimentology of the Wood Canyon Formation, Death Valley area, California, *in* Troxel, . W., and Wright, L.A., eds., Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 51-62.
- Diehl, P.E., 1979, The stratigraphy, depositional environments, and quantitative petrography of the Precambrian-Cambrian Wood Canyon Formation, Death Valley—The stratigraphy, depositional environments, and quantitative petrology of the Precambrian-Cambrian Wood Canyon Formation, University Park, PA, Pennsylvania State University.
- Diehl, S.F., and Chornack, M.P., 1990, Stratigraphic correlation and petrology of the bedded tuffs, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 89-3, 152 p.
- Dietz, K.R., 1989. Fernerkundung und Erkennung von geologisch/ geomorphologischen Strukturen am Beispiel von Testgebieten aus den USA (Remote sensing and detection of geologic and geomorphologic structures: An example from test sites in the U.S.A.), *in* W.F. Baer, F. Fuchs, and G. Nagel, eds., Beitrage zum Thema Relief, Boden und Gestein, Frankfurter Geowissenschaftliche Arbeiten, Serie D: Physische Geographie, v. 10, p. 179-190. (I)
- Dinwiddie, G.A., and Weir, J.E., 1979, Summary of hydraulic tests and hydrologic data for holes UE16d and UE16f, Syncline Ridge area, Nevada Test Site: U.S. Geological Survey USGS-1543-3, 25 p.
- Dixon, T.H., Robaundo, S., Lee, J., and Reheis, M.C., 1995, Constraints on present-day Basin and Range deformation from space geodesy: Tectonics, v. 14, p. 755-772.
- Doblas, M., Mahecha, V., Hoyos, M., et al., 1993, High-angle origin of the low-angle Sierra Nevada extensional detachment system, Alpine Betic Cordilleras, southern Spain: Geological Society of America, 1993 annual meeting, Abstracts with Programs, v. 25, p. 480.

- Dockery, H.A., Byers, F.M., Jr., and Orkild, P.P., 1984, Nevada Test Site field trip guide, 1984: Los Alamos National Laboratory Report LA-10428, 49 p.
- Dohrenwend, J.C., 1982, Map showing Late Cenozoic faults in the Walker Lane 1° by 2° quadrangle, Nevada-California: U.S. Geological Survey, Miscellaneous Field Studies Map MF 1382-D, 1:250,000.
- Dohrenwend, J.C., 1984, ed., Surficial geology of the eastern Mojave Desert, California: Geological Society of America Annual Meeting Fieldtrip Guidebook, Field Trip No. 14, 183 p.
- Dohrenwend, J.C., 1984, Nivation landforms in the western Great Basin and their paleoclimatic significance: *Quaternary Research*, v. 22, p. 275-288.
- Dohrenwend, J.C., 1985, Patterns and processes of middle and late Quaternary dissection in the Tecopa basin, California, *in* Hale, G.R., ed., Quaternary lakes of the eastern Mojave desert, California: Field Trip Guidebook, 1985 Pacific Cell of Friends of Pleistocene, p. 113-144.
- Dohrenwend, J.C., 1987, Morphometric comparison of tectonically defined areas within the west-central Basin and Range, California and Nevada: U.S. Geological Survey Open-file Report 87-83, 26 p.
- Dohrenwend, J.C., 1988, Age of formation and evolution of pediment domes in the area of the Cima volcanic field, Mojave Desert, California, *in* This extended land. Geological journals in the southern Basin and Range: Geological Society of America, Cordilleran Section, Field Trip Guidebook, University of Nevada at Las Vegas, Department of Geosciences, p. 214-217.
- Dohrenwend, J.C., and Moring, B.C., 1993, Reconnaissance photogeologic map of late Tertiary and Quaternary faults in Nevada [abstract]: Geological Society of America, Abstracts with Programs, 89th Cordilleran Section Meeting and 46th Annual Rocky Mountain Section Meeting, v. 25, p. 31. (T,Q,N)
- Dohrenwend, J.C., Bull, W.B., McFadden, L.D., Smith, G.I., Smith, R.S.U. and Wells, S.G., 1991, Quaternary Geology of the Basin and Range Province in California, *in* R.B. Morrison, Ed, Quaternary Nonglacial Geology: Conterminous U.S., The Geology of North America, K-2: Geological Society of America, Boulder, CO p 321-352.
- Dohrenwend, J.C., McFadden L.D., Turrin, B.D., and Wells, S.G., 1984, K-Ar dating of the Cima volcanic field, eastern Mojave Desert, California—Late volcanic history and landscape evolution: *Geology*, v. 12, p. 163-167.
- Dohrenwend, J.C., Menges, C.M., Schell, B.A., and Moring, B.C., 1991, Reconnaissance photogeologic map of young faults in the Las Vegas 1° X 2° quadrangle, Nevada, California, and Arizona: U.S. Geological Survey Miscellaneous Field Studies Map MF-2182, scale 1:250,000. N
- Dohrenwend, J.C., Schell, B.A., McKittrick, M.A., and Moring, B.C., 1992, Reconnaissance photogeologic map of young faults in the Goldfield 1° X 2° quadrangle, Nevada and California: U.S. Geological Survey Miscellaneous Field Studies Map MF-2183, scale 1:250,000. N
- Dohrenwend, J.C., Wells, S.G., Turrin, B.D., and McFadden, L.D., 1984, Rates and trends of late Cenozoic landscape degradation in the area of the Cima volcanic field, Mojave Desert, California, *in* Dohrenwend, J.C., ed., Surficial geology of the eastern Mojave Desert, California: Geological Society of America Annual Meeting Fieldtrip Guidebook, Field Trip No. 14, p. 101-115.
- Dokka, R.K., 1983, Displacements on Late Cenozoic strike-slip faults of the Mojave Desert, California: *Geology*, v. 11, p. 305-308.
- Dokka, R.K., 1993, The eastern California shear zone and its role in the creation of young extensional zones in the Mojave Desert, *in* Craig, S., ed., *Geology of the Walker Lane*: Geological Society of Nevada. (incomplete reference)
- Dokka, R.K., and Travis, C.J., 1990, Late Cenozoic strike-slip faulting in the Mojave Desert, California: *Tectonics*, v. 9, p. 311-340. (T)
- Dokka, R.K., and Travis, C.J., 1990, Role of the eastern California shear zone in accommodating Pacific-North American plate motion: *Geophysical Research Letters*, v. 17, p. 1323-1326.
- Donovan, D.E., 1991, Neotectonics of the southern Amargosa Desert, Nye County, Nevada, and Inyo County, California: University of Nevada, Reno, Unpublished M.S. thesis, 151 p., 5 plates. (T,N,Q,M)
- Donovan, D.E., Zoback, M.L. and Rowland, S.M., 1990, Active fault patterns of the southern Amargosa Desert, Nye County, Nevada: Geological Society of America, Cordilleran Section, 86th annual meeting, Abstracts with Programs, v. 22, p. 19.
- Dooley, T., and McClay, D.R., 1992, Transpressional deformation along the southern Death Valley fault zone, California: *Geol. Soc. Am. Bulletin* [Submitted to].
- Dooley, T., and McClay, K., 1996, Strike-slip deformation in the Confidence Hills, southern Death Valley fault zone, eastern California: *Journal of the Geological Society, London*, v. 153, scale of accompanying map about 1:90,000. (incomplete reference)

- Dorn, R.I., 1984, Cause and implications of rock varnish microchemical laminations: *Nature*, v. 310, August 30, 1984, p. 767-770.
- Dorn, R.I., 1984, Geomorphological interpretation of rock varnish in the Mojave Desert, *in* Dohrenwend, J.C., 1984, ed., *Surficial geology of the eastern Mojave Desert, California: Geological Society of America Annual Meeting Fieldtrip Guidebook, Field Trip No. 14*, p. 150-161.
- Dorn, R.I., 1986, Morphogenesis of alluvial fans in Death Valley: Geological Society of America, *Abstracts With Programs*, v. 18, p. 587.
- Dorn, R.I., 1987, A Critical Evaluation of Cation-Ratio Dating of Rock Varnish and an Evaluation of its Application to the Yucca Mountain Repository by the Department of Energy and its Subcontractors: Nevada Bureau of Mines and Geology (Unpublished report), 59 p.
- Dorn, R.I., 1988, A rock varnish interpretation of alluvial-fan development in Death Valley, California: *National Geographic Research*, v. 4, no. 1, p. 56-73.
- Dorn, R.I., 1988, Appendix A—A critical evaluation of cation-ratio dating of rock varnish and an evaluation of its application to the Yucca Mountain repository, *in* Bell, J.W., principal investigator, Quaternary geology and active faulting at and near Yucca Mountain, *in* U.S. Department of Energy, Evaluation of the geologic relations and Seismotectonic stability of the Yucca Mountain area: Nevada Nuclear Waste Site Investigation (NNWSI) Final Report, prepared by the Center for Neotectonic Studies, Mackay School of Mines, University of Nevada, Reno, 73 p.
- Dorn, R.I., 1990, Quaternary alkalinity fluctuations recorded in rock varnish microlaminations on western USA volcanics: *Palaeogeography, Palaeoclimatology, Palaeoecology*, 76, p. 291-310.
- Dorn, R.I., 1991, Rock Varnish: *American Scientist*, November-December Issue, v. 79, p. 542-553.
- Dorn, R.I., 1993, Dating rock varnish, *in* Beck, C., ed., *Dating in surface context: University of New Mexico Press, Albuquerque, New Mexico*. (incomplete reference)
- Dorn, R.I., 1993, The role of climatic change in alluvial fan development, *in* Abrahams, A., and Parsons, A., eds., *Desert Geomorphology: Chapman, London*. (incomplete reference)
- Dorn, R.I., 1995, Comment on "Evidence suggesting that methods of rock-varnish cation-ratio dating are neither comparable or consistently reliable" by Bierman, P.R., and Gillespie, A.R.: *Quaternary Research*, v. 43, p. 272-273.
- Dorn, R.I., 1996, Climatic hypothesis of alluvial-fan evolution in Death Valley are not testable *in* Rhoads, Bruce L, and Thorn, Colin E., eds., *The Scientific Nature of Geomorphology: Proceedings of the 27th Binghamton Symposium in Geomorphology, 27-29 September 1966, John Wiley and Sons Ltd.*, p. 191-220.
- Dorn, R.I., and Meek, N., with contributions by Bach, A., Beyer, P., Hetrick, J., Liu, T., Pope, G., and Wasklewicz, T., 1993, *Geomorphology: Mojave Desert to Death Valley: International Association of Geomorphologists, Third International Geomorphology Conference, Guide to Field Excursion A3, Department of Geography Publication Number 4, Arizona State University, Tempe, Arizona*, 131 p.
- Dorn, R.I., and Oberlander, T.M., 1981, Microbial origin of desert varnish: *Science*, v. 213, p. 1245-1247
- Dorn, R.I., Bamforth, D.B., Cahill, T.A., Dohrenwend, J.C., Turrin, B.D., Donahue, D.J., Jull, A.J.T., Long, A., Macko, M.E., Weil, E.B., Whitley, D.S., and Zabel, T.H., 1986, Cation-ratio and accelerator radiocarbon dating of rock varnish on Mojave artifacts and landforms: *Science*, v. 23 1, p. 830-833.
- Dorn, R.I., DeNiro, M.J., and Ajie, H.O., 1987, Isotopic evidence for climatic influence on alluvial-fan development in Death Valley, California: *Geology*, v. 15, no. 2, p. 108-110.
- Dorn, R.I., Jull, A.J.T., Donahue, D.J., Linick, T.W., and Toolin, L.J., 1989, Accelerator mass spectrometry radiocarbon dating of rock varnish: *Geological Society of America Bulletin*, v. 101, p. 1363-1372.
- Dorn, R.I., Jull, A.J.T., Donahue, D.J., Linick, T.W., and Toolin, L.J., 1990, Latest Pleistocene lake shorelines and glacial chronology in the western Basin and Range province, U.S.A.—Insights from AMS radiocarbon dating of rock varnish and paleoclimatic implications, *in* Meyers, P.A., and Benson, L.V., eds., *Paleoclimates—The record from lakes, oceans and land: Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 78, no. 3/4, p. 315-331.
- Dorsey, Ridgely E., 1960, *Geology of the Marble Canyon area, Waucoba Spring quadrangle, Inyo County, California: Unpublished Masters Thesis, University of California at Los Angeles*. (incomplete reference)
- Doty, G.C., and Rush, F.E., 1985, Inflow to a crack in playa deposits of Yucca Lake, Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 84-4296, 24 p.

- Doty, G.C., and Thordarson, W., 1983, Water table in rocks of Cenozoic and Paleozoic age, 1980, Yucca Flat, Nevada Test Site, Nevada: U.S. Geological Survey Water-Resources Investigations Report 83-4067, 1 sheet, map scale 1:48,000.
- Douglas, C.L. And Hermi D.H., 1987, Food Habits Of Feral Burros In Death Valley, California.Natl. Park Serv./Univ. Nev., Las Vegas . (incomplete reference)
- Douglas, C.L., and Sanchez, Peter G., 1974, Potential environmental impact of proposed water supply systems in Furnace Creek and Cow Creek, Death Valley National Monument: Unpublished report by Cooperative Park Studies Unit (CPSU) and park staff, 17 p.
- Downey, J.S., Kolm, K.E., and Gutentag, E.D., 1990, Selection of geohydrologic boundaries for 3-D hydrologic models, Yucca Mountain, Nevada, *in* Post, R.G., ed., Waste Management '90: Proceeding of the Symposium on Waste Management, Tucson, Arizona, p. 725-734.
- Doyle, A.C., and Meyer, G.L., 1979, Summary of hydraulic data and abridged lithologic log of ground-water test well 6 (J-13) Jackass Flats, Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Report USGS-474-314 [NTS-050, 1963], 11 p.
- Drewes, H., 1959, Turtleback faults of Death Valley, California—A reinterpretation: Geological Society of America Bulletin, v. 70, no. 12, p. 1497-1508. T
- Drewes, H., 1963, Geology of the Funeral Peak quadrangle, California, on the east flank of Death Valley: U.S. Geological Survey Professional Paper 413, map scale 1:62,500, 78 p., 2 pls. (M,S)
- Drewes, H.D., 1960, Origin of the Amargosa thrust fault, Death Valley area, California—A result of strike-slip faulting in Tertiary time: U.S. Geological Survey Professional Paper 400. 515p.
- Drici, O., Garey, C., and Buqo, T.S., 1993, Hydrology and steady state ground-water model of Pahroc Valley, Lincoln and Nye Counties, Nevada: Las Vegas Valley Water District, Cooperative Water Project, Series Report Number 10, 62 p.
- Droser, M.L. and Bottjer, D.J., 1985, Early Phanerozoic development of infaunal metazoans, trace fossil evidence from the Great Basin: The Geological Society of America, 98th annual meeting, Abstracts with Programs, v. 17, p. 567.
- Droste, J.B., 1961, Clay minerals in sediments of Owens, China, Searles, Panamint, Bristol, Cadiz, and Danby Lake basins, California: Geological Society of America Bulletin, v. 72, no. 11, p. 1713-1722
- Dudley, W.W., Jr., and Larson, J.D., 1974, Effect of irrigation pumping on desert pupfish habitats in Ash Meadows, Nye County, Nevada: U.S. Geological Survey Open-File Report 74-188. (incomplete reference)
- Dudley, W.W., Jr., and Larson, J.D., 1974, Geologic controls on spring locations, Ash Meadows, Nye County, Nevada.: Geological Society of America Cordilleran Section, 70th Annual Meeting, Abstracts with Programs, Abstracts with Programs, v. 6, no. 3, p. 167.
- Dudley, W.W., Jr., and Larson, J.D., 1976, Effect of irrigation pumping on desert pupfish habitats in Ash Meadows, Nye County, Nevada: U.S. Geological Survey Professional Paper 927, 52 p.
- Dudley, W.W., Jr., Wollitz, L.E., Baldwin, D.A., and Claassen, H.C., 1971, Geologic and hydrologic effects of the Handley event, Pahute Mesa, Nevada Test Site—Effects on wells and aquifers: U.S. Geological Survey Report 474-95, 71 p.
- Duell, L., Jr., 1990, Estimates of evapotranspiration in alkaline scrub and meadow communities of Owens Valley, California, using the Bowen-ratio, eddy-correction, and Penman-Monteith methods: U.S. Geological Survey Water-Supply Paper 2370, 39 p.
- Dunn, A., 1941, Water use study in Furnace Creek area at Death Valley National Monument: National Park Service, Washington Office, 20 p.
- Dunn, W.C., 1984, Ecological Relationships Between Desert Bighorn And Feral Burros In Death Valley National Monument, California., Univ. Nev. (Las Vegas); M.S. (incomplete reference)
- Dunn, W.C.A.C.L.D., 1982, Interactions Between Desert Bighorn Sheep And Feral Burros At Spring Areas In Death Valley.: Desert Bighorn Council Trans., p. 87-96.
- Dunne, G.C., 1979, Hunter Mountain batholith: a large, composite alkalic intrusion of Jurassic age in eastern California: Geological Society of America Abstracts with Program, v. 11, no. 3, p. 76. C
- Dunne, G.C., 1986, Mesozoic evolution of southern Inyo, Argus, and Slate ranges=(?) Mesozoic evolution of the southern Inyo Mountains, Darwin Plateau, and Argus and Slate ranges, *in* Dunne, G. C., Editor, Mesozoic-Cenozoic structural evolution of selected areas, east-central California= (?) Mesozoic and Cenozoic structural evolution of selected areas (field trip 2): Los Angeles, CA, Geological Society of America, Cordilleran Section, p. p. 3-21, Extent unknown.

- Dunne, G.C., 1986, Mesozoic evolution of the southern Inyo Mountains, Darwin plateau, and Argus and Slate Ranges, *in* Dunne, G.C., ed., Mesozoic and Cenozoic structural evolution of selected areas: Geological Society of America, Cordilleran Section, Field Trip 2, p. 3-21.
- Dunne, G.C., Gulliver, R.M. and Stevens, C.H., 1977, Resolution of stratigraphic problems of the Mississippian Lee Flat Limestone, Inyo County, California: Geological Society of America, v. 9, 412-413. (incomplete reference).
- Dunne, G.C., Gulliver, R.M., and Stevens, C.H., 1981, Correlation of Mississippian shelf-to-basin strata, Eastern California: Geological Society of America Bulletin, v. 92, p. 1-38. S
- Dunne, G.C., Gulliver, R.M., and Sylvester A.G., 1978, Mesozoic evolution of rocks of the White, Inyo, Aragus and Slate Ranges, eastern California, *in* Howell, D. G., and McDougall, K. A., eds., Mesozoic paleogeography of the Western United States: Pacific Section of the Society of Economic Paleontologists and Mineralogists, Pacific Coast Paleogeography Symposium 2, Los Angeles, CA, p. 189-207.
- Dunne, George C., 1970, Petrology of a portion of the Pat Keyes pluton, Inyo County, California: Unpublished Masters thesis, San Jose State University, San Jose, California. (incomplete reference)
- Duran, A.E., 1997, A crustal structure study of the Owens Valley-Death region, eastern California: (incomplete reference)
- Durrell, C., 1953, Celestite deposits near the southeastern end of Death Valley, San Bernardino County, California, *in* Geological investigations of strontium deposits in southern California, California Division of Mines and Geology Special Report 32, 48 p.
- Dzurisin, D., 1975, Channel responses to artificial stream capture, Death Valley, California: *Geology*, v. 3, no. 6, p. 309-312.
- Dzurisin, D., 1975, Channel responses to artificial stream capture, Death Valley, California: *Geology*, June 1975, pages 309-312 (paper was also presented as Contribution Number 2561, Division of Planetary Sciences, California Institute of Technology, Pasadena, CA, 11 p.)

E

- Eakin, T.E., 1960, Ground water appraisal of Newark Valley, White Pine County, Nevada: Nevada State Engineer, Ground-Water Resources Reconnaissance Series Report 1, 24 p.
- Eakin, T.E., 1961, Ground-water appraisal of Long Valley, White Pine and Elko Counties, Nevada: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Report 3, 33 p.
- Eakin, T.E., 1962, Ground water appraisal of Cave Valley in Lincoln and White Pine Counties, Nevada: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Report 13, 17 p.
- Eakin, T.E., 1962, Ground water appraisal of Ralston and Stonecabin Valleys, Nye County, Nevada: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Report 12, 32 p.
- Eakin, T.E., 1966, A regional interbasin groundwater system in the White River area, southeastern Nevada: *Water Resources Research*, v. 2, no. 2, p. 251-271.
- Eakin, T.E., and Moore, D.O., 1964, Uniformity of discharge of Muddy River Springs, southeastern Nevada, and relation to interbasin movement of ground water, *in* Geological Survey Research 1964, Chapter D: U.S. Geological Survey Professional Paper 501-D, p. D171-DI76.
- Eakin, T.E., and Winograd, I.J., 1965, Interbasin movement of ground water in South-Central Nevada—Some implications, *in* Abstracts for 1964: Geological Society of America Special Paper 82, p. 52.
- Eakin, T.E., Hughes, J.L., and Moore, D.O., 1967, Water-Resources appraisal of Steptoe Valley, White Pine and Elko Counties, Nevada: Nevada Department of Conservation and Natural Resources, Water Resources Reconnaissance Series, Report 42, 45 p.
- Eakin, T.E., Maxey, G.B., Robinson, T.W., Fredricks, J.C., and Loeltz, O.J., 1951, Estimated annual increment to ground water, *in* Contributions to the hydrology of Eastern Nevada: Nevada State Engineer, Water Resources Bulletin 12, p. 26-27.
- Eakin, T.E., Price, D., and Harrill, J.R., 1976, Summary appraisals of the Nation's ground-water resources - Great Basin Region: U.S. Geological Survey Professional Paper 813-G, 26 p., 1 plate.
- Eakin, T.E., Schoff, S.L., and Cohen, P., 1963, Regional hydrology of a part of southern Nevada—A reconnaissance: U.S. Geological Survey Open-File Report TEI-833, 40 p.

- Eastes, J.E., 1989, Some correlations between laboratory spectra and multispectral thermal imagery of evaporite mineral deposits in Death Valley, 7th Thematic conference on remote sensing for exploration geology, 1333, Calgary, Alberta, Canada, October 2 1989-October 6 1989, page 361.
- Easton, W.H., 1954, Silurian fauna from the Funeral Range, Death Valley, California: Geological Society of America Bulletin, v. 65, p. 1247.
- Eaton, G.P., 1980, Geophysical and geological characteristics of the crust of the Basin and Range province, *in* Burchfiel, B.C., Oliver, J.E., and Silver, L.T., chairmen, Continental Tectonics: National Academy of Sciences, Washington, D.C., p. 96-110.
- Eaton, G.P., Wahl, R.R., Prostka, H.J., Mabey, D.R., and Kleinkopf, M.D., 1978, Regional gravity and tectonic patterns: Their relation to late Cenozoic epeirogeny and lateral spreading in the western Cordillera, *in* Smith, R.B., and Eaton, G.P., editors, Cenozoic tectonic and regional geophysics of the western Cordillera: Geological Society of America Memoir 152, p. 251-291. (T,G)
- Eaton, R.R., and Peterson, A.C., 1989, Computed distributions of residual shaft drilling and construction water in the exploratory facilities at Yucca Mountain, Nevada: Sandia National Laboratories, SAND--89-2018C, DE90 004210, Albuquerque, New Mexico, 8 p.
- Eberl, D.D., Jones, B.F. and Khoury, H.N., 1982, Mixed-layer kerolite/stevensite from the Amargosa Desert, Nevada: Clays and Clay Minerals, v. 30, p. 321-326.
- Echelle, A.A., and Dowling, T.E., 1992, Mitochondrial DNA variation and evolution of the Death Valley pupfishes (Cyprinodon, Cyprinodontidae): Evolution, v. 46, no. 1, p. 193-206.
- Echelle, A.A., and Echelle, A.F., 1993, Allozyme perspective on mitochondrial DNA variation and evolution of the Death Valley pupfishes (Cyprinodontidae: Cyprinodon): Copeia, v. 2, p. 275-287.
- Echelle, A.A.A.A.F.E., 1993, Allozyme Perspective On Mitochondrial Dna Variation And Evolution Of The Death Valley Pupfishes (Cyprinodontidae: Cyprinodon): Copeia, no. 2, p. 275-287.
- Echelle, A.A.A.A.F.E., 1993, An Allozyme Perspective On Mitochondrial Dna Variation And Evolution Of The Death Valley Pupfishes.: Proc. Desert Fishes Council., v. 24, p. 22.
- Echelle, A.A.A.T.E.D., 1992, Mitochondrial Dna Variation And Evolution Of The Death Valley Pupfishes (Cyprinodon, Cyprinodontidae): Evolution, v. 46, no. 1, p. 193-206.
- Eckis, R., 1928, Alluvial Fans of the Cucamonga District, Southern California: The Journal of Geology, v. XXXVI, p. 224-247.
- Edwards, R.L., Gallup, C.D., Ludwig, K.R., Simmons, K.R., Winograd, I.J., Szabo, B.J., and Riggs, A.C., 1993, Dating of the Devils Hole calcite vein: Science, Mar. 12, 1993, v. 259, no. 5101, p. 1626-1627.
- Ehrreich, A.L., and Winchell, R.E., 1969, Rapakivi texture in rhyolite: Nature (London), v. 224, no. 5222, p. 904-905.
- Ehrreich, A.L., and Winchell, R.E., 1970, Rapikivi texture in rhyolite [or Rapakivi texture...?]: Geol. Soc. Amer., Abstr., v. 2, no. 2, p. 89.
- Ekblaw, George E., 1927, Clastic deposits in playas: Unpublished Ph.D. Dissertation, Stanford University, Stanford, California. (incomplete reference)
- Ekren, E.B, Bucknam, R.C., Carr, W.J., Dixon, G.L., and Quinlivan, W.D., 1976, East-trending structural lineaments in central Nevada: U.S. Geological Survey Professional Paper 986, 16 p.
- Ekren, E.B., 1968, Geologic setting of Nevada Test Site and Nellis Air Force Range, *in* Eckel, E.B., ed., Nevada Test Site: Geological Society of America, Memior 110, p. 11-20.
- Ekren, E.B., Rogers, C.L., Anderson, R.E., and Orkild, P.P., 1968, Age of basin and range normal faults in Nevada Test Site and Nellis Air Force Range, Nevada, *in* Eckel, E.B., ed., Nevada Test Site: Geological Society of America Memior 110, p. 247-250.
- Ekren, E.B., Sargent, K.A., 1965, Geologic map of Skull Mountain quadrangle, Nye County, Nevada, U.S. Geological Survey Geologic Quadrangle Map GQ-387, map scale 1:24,000.
- Elliott, Bertrand, 1982, An investigation of selected water-quality parameters in the Amargosa Drainage Basin: University of Nevada, Desert Research Institute Publication 45039 [DOE/NVO/10162-18], 20 p.
- Elliott, D.K., and Ilyes, R.R., 1996, New Early Devonian pteraspids (Agnatha, Heterostraci) from Death Valley National Monument, southeastern California: Journal of Paleontology, v. 70, p. 152-161.

- Elliott, D.K., and Johnson, H.G., 1997, Use of vertebrates to solve biostratigraphic problems: examples from the Lower and Middle Devonian of western North America, *in* Klapper, G., Murphy, M. A., and Talent, J. A., editors, *Paleozoic Sequence Stratigraphy, Biostratigraphy, and Biogeography: Studies in Honor of J. Granville ("Jess") Johnson*: Boulder, CO, Geological Society of America Special Paper 321, p. 179-188.
- Elliott, David K., and Ilyes, Robert R., 1992, Lower Devonian vertebrates from the Lippincott Member of the Lost Burro Formation in Death Valley National Monument: 3rd Fossil Resources Conference, Fossil Butte National Monument, Wyoming, 1992 National Park Service Paleontological Research Abstract Volume, p. 20.
- Elliott, G.S., Wrucke, C.T., and Nedel, S.S., 1984, K-Ar ages of late Cenozoic volcanic rocks from the northern Death Valley region: *Isochron/West*, v. 40, p. 3-7.
- Elliott-Fisk, D.L., 1985, Relic tree ring populations in the White Mountains, *in* Hall, C.A., and Young, D.J., eds., *Natural history of the White-Inyo Range, eastern California and western Nevada: White Mountain Research Station Symposium*, v. 1, University of California at Los Angeles, p. 64-67.
- Elliott-Fisk, D.L., 1987, Glacial geomorphology of the White Mountains, California and Nevada—Establishment of a glacial chronology: *Physical Geography*, v. 8, p. 299-323.
- Ellis, B.J., 1984, Thin-skinned extension superposed on frontal Sevier thrust faults, Mormon Mountains, southern Nevada: Syracuse University, M.S. thesis, 88 p. (MT)
- Ellis, M., 1993, An estimate of the recent state of strain in the Basin and Range Province using topography and fault slip data: Geological Society of America, 1993 annual meeting, Abstracts with Programs, v. 25, p. 480.
- Ellis, M., Gomberg, J., 1992, 3D-DEF—A new three-dimensional boundary-element model, and applications to regions of active tectonics [abs.]: *EOS (American Geophysical Union Transactions)*, v. 73, 124.
- Ellis, M.A., and Trexler, J.H., 1991, Basin margin development in pull-apart settings—An example from Death Valley, California: Geological Society of America, Abstracts with Programs, v. 23, no. 5, p. 82.
- Ellis, M.A., Densmore, A.L., Anderson, R.S., et al., 1995, Topography as a measure of regional strain, results of a coupled tectonic-geomorphologic model [abs.]: *EOS (American Geophysical Union Transactions)*, v. 76, p. 279.
- Ellis, S.R.A.B.C.B., 1994, Desert Fishes Related Activities Of The California Department Of Fish And Game, Inland Fisheries Division, Endangered Species Project, 1993.: *Proc. Desert Fishes Council.*, v. 25, p. 9-10.
- Ellis, M.A., Zhang, P., and Slemmons, D.B., 1989, Active tectonics of the southern Panamint Valley—Implications for the proposed low-angle fault under northern Panamint Valley. model [abs.]: *EOS (American Geophysical Union Transactions)*, v 70, no. 15, p. 465. N
- Elvidge, Chris, 1979, Appendix I: artificial desert varnish, *in* [thesis: title unknown]. (incomplete reference)
- Ely, L.L., 1993, A 5000-year record of extreme floods and climate change in the southwestern United States: *Science*, v. 262, p. 410-412.
- Emerson, D.O., 1959, "Degranitization" of the northern Inyo Range, California-Nevada [Abstract]: Geological Society of America Bulletin, v. 70, p. 1717.
- Emerson, D.O., 1966, Granitic Rocks of the Mt. Barcroft Quadrangle, Inyo Batholith, California-Nevada: Geological Society of America Bulletin, v. 77, p. 127-152.
- Emmel, John F., 1980, Summary of butterfly collecting in the Death Valley region in 1980. (incomplete reference)
- Emmons, W.H., 1907, Normal faulting in the Bullfrog district: *Science*, v. 26, p. 221. T
- Engel, C.G., and Sharp, R.P., 1958, Chemical data on desert varnish: Geological Society of America Bulletin, v. 69, p. 487-518.
- Engel, Celeste G., 1957, Desert Varnish: Unpublished Masters Thesis, University of California at Los Angeles. (incomplete reference)
- Engel, O.D.v., 1932, The Ubehebe craters and explosion breccias in Death Valley, California: *Journal of Geology*, v. 40, p. 726-734.
- Enviromental Consultants Inc., 1882, Progress report for Darwin Falls: Private Consultants, July 10, 1982, 2772 Quail Ave, Las Vegas, Nevada, 89120, 11 p..
- Enzel, Y., 1990, Hydrology of a large, closed arid watershed as a basis for paleohydrological and paleoclimatological studies in the Mojave River drainage system, Southern California: Albuquerque., University of New Mexico, unpublished Ph.D. Dissertation. (incomplete reference)

- Enzel, Y., 1992, Flood frequency of the Mojave River and the formation of late Holocene playa lakes, Southern California, USA: *The Holocene*, v. 2, p. 11-18.
- Enzel, Y., Brown, W.J., Anderson, R.V., McFadden, L.D., and Wells, S.G., 1992, Short-duration Holocene lakes in the Mojave River drainage basins, southern California: *Quaternary Research*, v. 38, p. 60-73.
- Enzel, Y., Cayan, D.R., Anderson, R.Y., and Wells, S.G., 1989, Atmospheric Circulation During Holocene Lake Stands in the Mojave Desert: Evidence of Regional Climate Change: *Nature*, v. 341, p. 44-48.
- Erd, R.C., McAllister, J.F. and Vlisidis, A.C., 1961, Nobleite, another new hydrous calcium borate from the Death Valley region, California: *American Mineralogist*, v. 46, p. 560-571.
- Erd, R.C., McAllister, J.F., and Almond, H., 1959, Gowerite, a new hydrous calcium borate, from the Death Valley region, California: *The American Mineralogist*, v. 44, no. 9-10, p. 911-919.
- Erd, R.C., McAllister, J.F., and Eberlein, G.D., 1979, New data on hungchaoite, the second world occurrence, Death Valley region, California: *The American Mineralogist*, v. 64, p. 369-375.
- Erd, R.C., McAllister, J.F., and Vlisidis, A.C., 1961, Nobleite, another new hydrous calcium borate from the Death Valley region, California: *The American Mineralogist*, v. 46, p. 560-571.
- Ericksen, G.E., Hosterman, J.W. and St. Amand, P., 1988, Chemistry, mineralogy and origin of the clay-hill nitrate deposits, Amargosa River valley, Death Valley region, California, U.S.A.: *Chemical Geology*, v. 67, p. 85-102.
- Erickson, J.R., and Waddell, R.K., 1985, Identification and characterization of hydrologic properties of fractured tuff using hydraulic and tracer tests-Test well USW H-4, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 85-4066, 30 p.
- Erikson, S.J., 1991, Report of drilling and radionuclide migration investigations at UE-20n#1, Pahute Mesa, Nevada Test Site, 1987: University of Nevada, Desert Research Institute, Publication 45081, 118 p.
- Eriksson, P.G., Fortsch, E.B., Snyman, C.P., Lingenfelder, J.H., Beukes, B.E., and Cloete, W., 1996, Wind-blown rocks and trails on a dry lake bed, an alternative hypothesis: *Journal of Sedimentary Research*, v. 66, p. 36-38.
- Erskine, B.G., Heidelbach, F., Wenk, H.R., et al., 1993, Lattice preferred orientations and microstructures of deformed Cordilleran marbles, correlation of shear indicators and determination of strain path—Microstructures and rheology of rocks and rock-forming minerals, a collection of papers in honor of John Christie's 60th birthday: *Journal of Structural Geology*, v. 15, p. 1189-1205.
- Erskine, B.G., Wenk, H.R. and Dickinson, W.R., 1987, Calcite lattice preferred orientation and microstructures in deformed Cordilleran marbles—Correlation of shear indicators and determination of strain path: *Geological Society of America, 1987 annual meeting, Abstracts with Programs*, v. 19, p. 656.
- Erskine, M.C., 1990, Tectonic setting of the Coso geothermal reservoir: *AAPG Annual Convention, Technical Program with Abstracts*, v. 74, p. 650.
- Ervin, E.M., Luckey, R.R., and Burkhardt, D.J., 1994, Revised potentiometric-surface map, Yucca Mountain and vicinity, Nevada: U.S. Geological Survey Water-Resources Investigations Report 93-4000, 17 p.
- Eskola, P.E., 1949, The problem of mantled gneiss domes: *Geological Society of London Quarterly Journal*, v. 104, p. 461-476.
- Essington, G. M., 1990, External threats and regional hydrology issues, Death Valley National Monument. (incomplete reference)
- Essington, G.M., 1990, Death Valley National Monument—Outside threats, regional hydrology issues: National Park Service. Death Valley National Monument, 22+ p.
- Eugene, R.F., 1968, Water-resources appraisal of Clayton Valley-Stonewall Flat area, Nevada and California: Nevada Department of Conservation and Natural Resources Water Resources-Reconnaissance Series. (incomplete reference)
- Eugster, H.P., and Hardie, L.A., 1978, Saline Lakes, in Lerman, A., ed., *Lakes, chemistry geology physics*: New York, Springer-Verlag, p. 237-293.
- Euler, R.C., Gumerman, G.J., Karlstrom, T.N.V., Dean, J.S., and Hevly, R.H., 1979, The Colorado plateaus—Cultural dynamics and paleoenvironment: *Science*, v. 205, no. 4411, September 14, 1979, p. 1089-1101.
- Evans, D.L, Farr, T.G., and van Zyl, J.J., 1992, Estimates of surface roughness derived from synthetic aperture radar (SAR) data: *IEEE Transactions on Geoscience and Remote Sensing*, v. 30, p. 382-389. I
- Evans, D.L., Farr, T.G. van Zyl, J.J. Zebker, H.A., 1988, Radar polarimetry—Analysis tools and applications: *IEEE Transactions on Geoscience and Remote Sensing*, v. 26, p. 774-789. *I

- Evans, D.L., Farr, T.G., Ford, J.P., Thompson, T.W., and Werner, C.L., 1986. Multipolarization radar images for geologic mapping and vegetation discrimination: *IEEE Transactions on Geoscience and Remote Sensing* GE-24, no. 2, p. 246-257. (I)
- Evans, D.L., Farr, T.G., Williams, S.M., Smith, M.O., and Adams, J.B., 1982, Analysis of a multisensor image data set of Death Valley, California: *Geological Society of America Abstracts with Programs*, v. 14, no. 4, p. 162-163. (I)
- Evans, D.L., Farr, T.G., Zebker, H.A., van Zyl, J.J., and Mouginis-Mark, P.J., 1992, Radar interferometry studies of the Earth's topography [abs.]: *Eos [American Geophysical Union Transactions]*, v. 73, p. 553-558. I
- Evans, J.R., Taylor, G.C., and Rapp, J.S., 1976, Mines and mineral deposits in Death Valley National Monument, California: *California Division of Mines and Geology Special Report 125*, 61 p.
- Evans, J.T., 1884, Colemanite: *California Academy of Sciences Bulletin*, v. 1, no. 1, p. 5759.
- Evans, James R., Taylor, Gary C., and Rapp, John S., 1988, Mines and mineral deposits in Death Valley National Monument, California: an abstract Gregory, Jennifer L., and Baldwin, E. Joan, Editors, *Geology of the Death Valley region, South Coast Geological Society, Inc.*, p. 276-284, 429 p.
- Evernden, J.F., and Kistler, R.W., 1970, Chronology of emplacement of Mesozoic batholithic complexes in California and western Nevada: *U.S. Geological Survey Professional Paper 623*, p. 1-42.
- Eymann, James L., 1953, A study of sand dunes in the Colorado and Mojave deserts: Unpublished Masters Thesis, University of Southern California, Los Angeles, California. (incomplete reference)

F

-
- Fairbanks, H.W., 1896, Notes on the geology of eastern California: *The American Geologist*, v. 17, p. 63-74.
- Farmer, D., 1996, Uranium isotopes and uranium-series disequilibrium in groundwaters of south-central Nevada and the Death Valley region of California, Las Vegas, NV, University of Nevada. (incomplete reference)
- Farquhar, S.P., 1986, Depositional and diagenetic history of the Mountain Springs Formation Member C (Lower to Middle Devonian), southern Great Basin: (incomplete reference)
- Farr, T.G., 1992, Microtopographic evolution of lava flows at Cima volcanic field, Mojave Desert, California, *Journal of Geophysical Research*, v. 97, p. 15171-15179. Q
- Farr, T.G., 1996, Use of digital topography and remote sensing to map tectonic activity of range fronts. *Geological Society of America Abstracts with Programs*, v. 28, no. 7, p. 463. (I,T)
- Farr, T.G., and Chadwick, O.A., 1996, Geomorphic processes and remote sensing signatures of alluvial fans in the Kun Lun Mountains, China: *Journal of Geophysical Research*, v. 101, p. 23,091-23,100. I, Q
- Farr, T.G., and Evans, D.L., 1986, Geologic applications of multisensor remote sensing: *Geological Society of America, 99th annual meeting, Abstracts with Programs*, v. 18, p. 598.
- Farr, T.G., and Gillespie, A.R., 1984, Measurement of microrelief on alluvial fans and its relation to age, lithology and radar response: *Geological Society of America Abstracts with Programs*, v. 16, no. 6, p. 506. (I,Q)
- Faulds, J.E., Bell, J.W., Feurbach, D.L., and Ramelli, A.R., 1994, Geologic map of the Crater Flat area, Nevada: *Nevada Bureau of Mines and Geology Map 101*, scale 1:24,000, with 4 p. text.
- Faunt, C.C, D'Agnesse, F., and Turner, A. K., 1993. Development of a three-dimensional hydrogeological framework model for the Death Valley region, southern Nevada and California, USA, in K. Kovar and H.P. Nachtnebel, eds., *Application of geographic information systems in hydrology and water resources management: International Association of Hydrological Sciences Publication 211*, p. 227-234, Louvain. (I,H)
- Faunt, C.C., 1994, Characterization of the three-dimensional hydrogeologic framework of the Death Valley Region, Nevada and California: Unpublished Ph.D. dissertation, Department of Geology and Geological Engineering, Colorado School of Mines, Golden, Colorado, 235 p.
- Faunt, C.C., 1997, Effect of faulting on ground-water movement in the Death Valley region, Nevada and California: *U.S. Geological Survey Water-Resources Investigations Report 95-4132*, 42 p., 1 pl., scale 1:250,000.
- Faunt, C.C., D'Agnesse, F.A., and Turner, A.K., 1997, A hydrogeologic map of the Death Valley region, Nevada and California, developed using GIS techniques: *U.S. Geological Survey Water Resources Investigations Report 95-4016*, 18 p., 1 pl, scale 1:250,000.

- Faunt, C.C., D'Agnesse, F., Downey, J. S., and others, 1993, Characterizing the hydrogeologic framework of the Death Valley region, southern Nevada and California, [Proceedings] Fourth International Radioactive Waste Management Conference, Las Vegas, NV, April 1993, p. pages 1194-1199.
- Fayer, M.J., Andraski, B.J., and Jacobson, F.A., 1998, Modified retention functions for arid vadoze zone studies [abs.]: Soil Science Society of America, Annual Meeting, Baltimore, Md., Abstracts, p. 187.
- Feder, J.H., 1979, Natural hybridization and genetic divergence between the toads *Bufo boreas* and *Bufo punctatus*: *Evolution*, v. 33, no. 4, p. 1089-1097.
- Feeny, T.A., Campana, M.E., and Jacobson, R.L., 1987, A deuterium-calibrated groundwater flow model of the western Nevada Test Site and vicinity: Desert Research Institute, University of Nevada System, Water Resources Center, Publication Number 45057, 46 p.
- Fenix & Scisson Inc., 1986, NNWSI hole histories—UE-25 WT#3, UE-25 WT#4, UE-25 WT#5, UE-25 WT#6, UE-25 WT#12, UE-25 WT#13, UE-25 WT#14, UE-25 WT#15, UE-25 WT#16, UE-25 WT#17, UE-25 WT#18, USW WT-1, USW WT-2, USW WT-7, USW WT-10, USW WT-11: U.S. Department of Energy DOE/NV/10322-10, 111 p.
- Fenix & Scisson Inc., 1986, NNWSI hole history—UE-25b#1: U.S. Department of Energy DOE/NV/10322-13, 37 p.
- Fenix & Scisson Inc., 1986, NNWSI hole history—UE-25c#1, UE-25c#2, UE 25c#3: U.S. Department of Energy DOE/NV/10322-14, 61 p.
- Fenix & Scisson Inc., 1986, NNWSI hole history—UE-25p#1: U.S. Department of Energy DOE/NV/10322-16, 39 p.
- Fenix & Scisson Inc., 1987, NNWSI drilling and mining summary: U.S. Department of Energy DOE/NV/10322-24, 45 p.
- Fenix & Scisson Inc., 1987, NNWSI hole histories—USW G-1, USW G-2, USW G-3, USW G-4, USW GA-1, USW GU-3: U.S. Department of Energy DOE/NV/10322-19, 187 p.
- Fenix & Scisson Inc., 1987, NNWSI hole histories—USW H-1, USW H-3, USW H-4, USW H-5, USW H-6: U.S. Department of Energy DOE/NV/10322-18, 99 p.
- Fenner, R.G., Reid, S.C., and Schaber, G.G., 197?, An unconventional approach to imaging radar calibration. (incomplete reference)
- Fenske, J.P., Leake, S.A., and Prudic, D.E., 1996, Documentaion of a computer program (RES1) to simulate leakage from reservoirs using the modular finite-difference ground-water flow model (MODFLOW): U.S. Geological Survey Open-File Report 96-364, 40 p.
- Ferguson, H.G., and Mullere, S.W., 1936, Jurassic thrust faults in west-central Nevada: *Washington Academy of Science Journal*, v. 26, no. 9, p. 394.
- Ferguson, J.F., Cogbill, A.H., and Warren, R.G., 1994, A geophysical-geological transect of the Silent Canyon caldera complex, Pahute Mesa, Nevada: *Journal of Geophysical Research*, v. 99, no. B3, p. 4323-4339.
- Fernald, A.T, Corchary, G.S., Williams, W.P. and Colton, R.B., 1968, Surficial deposits of the Yucca Flat area, Nevada Test Site, in, Edren, E.B., ed., *Nevada Test Site: Geological Society of America Memoir 110*, p. 49-55.
- Fielder, W.M. 1937, *Structure and Stratigraphy of a Section Across the White Mountains, California*: California Institute of Technology, Unpublished Masters Thesis, 55 p.
- Fiero, G.W., and Maxey, G.B., 1970, Hydrogeology of the Devil's Hole area, Ash Meadows, Nevada: Unpublished report, Desert Research Institute, University of Nevada, Reno, 25 p.
- Fiero, G.W., Jr., 1968, Regional ground water flow systems of central Nevada: University of Nevada, Desert Research Institute Miscellaneous Report 5, 212 p.
- Fiero, W., 1986, *Geology of the Great Basin*: University of Nevada Press. (incomplete reference)
- Fife, D.L., 1988, Goldbelt Springs chrysotile asbestos deposit, Death Valley, Inyo County Gregory, Jennifer L., and Baldwin, E. Joan, Editors, *Geology of the Death Valley region*, South Coast Geological Society, Inc., p. p. 386-388, 429 p.
- Fife, D.L., and Brown, A.R.D., 1988, Review of the geology and mineral resources of the Silurian Hills: a model for mineralization Gregory, Jennifer L., and Baldwin, E. Joan, Editors, *Geology of the Death Valley region*, South Coast Geological Society, Inc., p. p. 346-364, 429 p.
- Fife, D.L., Ruff, R.W., and Unruh, M.E., 1988, Late Tertiary epithermal? Gold mineralization associated with the Garlock Fault zone, Christmas Canyon quadrangle, San Bernardino, California Gregory, Jennifer L., and Baldwin, E. Joan, Editors, *Geology of the Death Valley region*, South Coast Geological Society, Inc., p. p. 397-407, 429 p.

- Filipov, A.J., 1986, Sedimentology of Debris-Flow Deposits, West Flank of the White Mountains, California: University of Massachusetts, Unpublished Masters Thesis, 207 p.
- Findley, R., 1970, Death Valley: National Geographic Magazine, v. 137, p. 69-103.
- Firby, J.R., Sharpe, S.E., Whelan, J.F., Smith, G.R., and Spaulding, W.G., 1997, Paleobiotic and isotopic analysis of mollusks, fish, and plants from Core OL-92—indicators for an open or closed lake system, *in* Smith, G.I., and Bischoff, J.L., eds., An 800,000-year paleoclimatic record from Core OL-92, Owens Lake, Southeast California: Geological Society of America Special Paper 317. (incomplete reference)
- Firby, James Ronald, 1969, Late Cenozoic non-marine Mollusca of western Nevada and adjacent areas: Unpublished Ph.D. dissertation, University of California at Berkeley. (incomplete reference)
- Fischer, J.M., 1990, Geohydrology of the near-surface unsaturated zone adjacent to the disposal site for low-level radioactive waste near Beatty, Nevada, in Bedinger, M.S., and Stevens, P.R., eds., Safe disposal of radionuclides in low-level radioactive waste repository sites—Low-level radioactive-waste disposal workshop, U.S. Geological Survey, July 11-16, 1987, Big Bear Lake, Calif., Proceedings: U.S. Geological Survey Circular 1036, p. 57-61.
- Fischer, J.M., 1992, Sediment properties and water movement through shallow unsaturated alluvium at an arid site for disposal of low-level radioactive waste near Beatty, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 92-4032, 48 p.
- Fischer, J.M., and Nichols, W.D., 1986, Beatty, Nevada, in Dinwiddie, G.A., and Trask, N.J., eds., U.S. Geological Survey research in radioactive waste disposal—Fiscal years 1983, 1984, and 1985: U.S. Geological Survey Water-Resources Investigations Report 87-4009, p. 87-88.
- Fischer, J.M., Bedinger, M.S. and Stevens, P.R., 1990, Geohydrology of the near-surface unsaturated zone adjacent to the disposal site for low-level radioactive waste near Beatty, Nevada—Safe disposal of radionuclides in low-level radioactive-waste repository sites: Proceedings of U.S. Geological Survey workshop on Low-level radioactive-waste disposal, Big Bear Lake, CA, United States, p. 57-61.
- Fischer, J.N., 1986, Hydrogeologic factors in the selection of shallow land burial sites for the disposal of low-level radioactive waste: U.S. Geological Survey Circular 973, 22 p.
- Fisher, J.B., 1991, Soil survey of Esmeralda County area, Nevada: Soil Conservation Service, U.S. Department of Agriculture, 1073 p., 20 map sheets, 1:63,360 scale.
- Fisher, R.V., and Waters, A.C., 1969, Bed forms in base-surge deposits: lunar implications: Science, v. 165, no. 3900, p. 1349-1352.
- Fitzgerald, P.G., Fryxell, J.E., and Wernicke, B.P., 1991, Miocene crustal extension and uplift in southeastern Nevada: Constraints from fission track analysis: Geology, v. 19, p. 1013-1016.
- Fitzpatrick, J.A., and Bischoff, J.L., 1993, Uranium-series dates on sediments of the high shoreline of Panamint Valley, California: U.S. Geological Survey Open-File Report. (incomplete reference).
- Fitzpatrick, J.A., Bischoff, J.L. and Smith, G.I., 1993, Uranium-series analyses of evaporites from the 1000-foot PAN-3 core, Panamint Valley, California: U.S. Geological Survey Open-File Report 93-558 22 p.
- Fleck, R.J., 1970, Age and possible origin of the Las Vegas Valley Shear zone, Clark and Nye Counties, Nevada: Geological Society of America, Abstracts with Programs, v. 2, no. 5, p. 333.
- Fleck, R.J., 1970, Age and tectonic significance of volcanic rocks, Death Valley area, California: Geological Society of America Bulletin, v. 81, no. 9, p. 2807-2816.
- Fleck, R.J., 1970, Tectonic style, magnitude, and age of deformation in the Sevier orogenic belt in southern Nevada and eastern California: Geological Society of America Bulletin, v. 81, p. 1705-1720.
- Fleck, R.J., 1974, Geology of the Charleston Peak and part of the Corn Creek Springs quadrangle, Clark County, Nevada: Nevada Bureau of Mines Bulletin. (incomplete reference)
- Fleck, R.J., 1997, A contribution to radiometric dating, *in* Greene, R. C., Geology of the northern Black Mountains, Death Valley, California: U.S. Geological Survey Open-File Report 97-79, p.110.
- Fleck, Robert Joseph, 1967, The magnitude, sequence, and style of deformation in southern Nevada and eastern California: Unpublished Ph.D. dissertation, University of California at Berkeley, 92 p.

- Fliedner, M.M., Klemperer, S.L., 1996, Crustal velocities and Moho depth of the southern Sierra Nevada of California, 3-D wide-angle seismic refraction and reflection combined with gravity studies: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 196.
- Flint, A.L., Flint, L.E., and Hevesi, J.A., 1993, Influence of long term climate change on net infiltration at Yucca Mountain, Nevada, *in* Proceedings, International High-Level Radioactive Waste Conference, Las Vegas, Nevada, April 25-30, 1993. (incomplete reference)
- Flint, L.E., 1998, Characterization of hydrogeologic units using matrix properties, Yucca Mountain, Nevada: U.S. Geological Survey Water-Resources Investigations Report 97-4243, 64 p.
- Flint, L.E., Flint, Alan L., Rautman, C.A., and Istok, J.D., 1996, Physical and hydrologic properties of rock outcrop samples at Yucca Mountain, Nevada: U.S. Geological Survey Open-File Report 95-280, 19 p., 3 Appendix.
- Ford, J.P., Dokka, R.K., Crippen, R.E., and Blom, R.G., 1990, Faults in the Mojave Desert, California, as revealed on enhanced Landsat images: *Science*, May 25, 1990, v. 248, no. 4958, p. 1000-1003.
- Ford, J.P., Dokka, R.K., Crippen, R.E., and Blom, R.G., 1990. Spaceborne multispectral images reveal undocumented late Cenozoic faults, Mojave Desert, California: *American Association of Petroleum Geologists Bulletin*, v. 74, p. 973. (I,N)
- Ford, J.P., MacConnell, D.F., Dokka, R.K., 1992. Neogene faulting in the Goldstone-Fort Irwin area, California, a progress report, *in* S.M. Richard, ed., Deformation associated with the Neogene, eastern California shear zone, southeastern California and southwestern Arizona: Proceedings, San Bernardino County Museum Association Special Publication 92-1, San Bernardino County Museum Association, Redlands, CA. (N,I)
- Forester, R.M., 1983, Relationship of two lacustrine ostracode species to solute composition and salinity—Implications for paleohydrochemistry: *Geology*, v. 11, p. 435-438.
- Forester, R.M., 1987, Late Quaternary paleoclimate record from lacustrine ostracodes, in Vol. K-3, North America and adjacent oceans during the last deglaciation: Geological Society of America, p. 261-275. (incomplete reference)
- Forester, R.M., 1991, Pliocene-Climate History of the Western United States Derived from Lacustrine Ostracodes: *Quaternary Science Reviews*, v. 10, p. 133-146.
- Forester, R.M., 1994, Late glacial to modern climate near Yucca Mountain Nevada, *in* Proceedings, IHLRWM, ASCE and ANS: 5th Annual International Conference, p. 2750-2755. (incomplete reference)
- Forester, R.M., 1996, A Death Valley Ostracode Glacial Lake Hydrochemical History: Geological Society of America Annual Meeting, Abstracts with Programs. (incomplete reference)
- Forester, R.M., and Smith, A.J., 1994, Late glacial climate estimates for southern Nevada: The ostracode fossil record: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, v. 4, p. 2553-2561.
- Forester, R.M., Bradbury, J.P., Carter, C., Elvidge, A., Hemphill, M., Lundstrom, S.C., Mahan, S.A., Marshall, B.D., Neymark, L.A., Paces, J.B., Sharpe, S., Whelan, J.F., and Wigand, P., 1996, The climate and hydrologic history of southern Nevada during the late Quaternary: Administrative Report 3GCA102M to DOE-YMPSCO. (incomplete reference)
- Forester, R.M., Lowenstein, T. and Roberts, S.M., 1996, A Death Valley ostracode glacial lake hydrochemical history: Geological Society of America, 28th annual meeting, Abstract with Programs, v. 28, p. 457.
- Forman, S.L., 1988, Appendix C: Assessment of the applicability of the thermoluminescence (TL) dating technique to natural hazard evaluations at the high-level nuclear waste repository site, Yucca Mountain, Nevada, *in* Bell, J.W., principal investigator, Quaternary geology and active faulting at and near Yucca Mountain, *in* U.S. Department of Energy, Evaluation of the geologic relations and Seismotectonic stability of the Yucca Mountain area: Nevada Nuclear Waste Site Investigation (NNWSI) Final Report, prepared by the Center for Neotectonic Studies, Mackay School of Mines, University of Nevada, Reno, 15 p (Appendix A).
- Foshag, W.F., 1921, The origin of colemanite deposits in California: *Economic Geology*, v. 16, p. 199-214.
- Foshag, W.F., 1924, Famous mineral localities: *American Mineralogist*, v. 9, p. 8-10.
- Foshag, W.F., 1930, Collecting boron minerals in Death Valley, *in* Explorations and field work of the Smithsonian Institution in 1929, Extent unknown .
- Foster, C.T., Jr., 1971, Geodetic monitoring of tectonic strain in Death Valley, CA. from Sept. 1970 to Aug. 1971.
- Foster, J.G., Reid, J.B., Jr. and Anonymous, 1993, Crustal deformation in eastern Long Valley Caldera, California during the last 600,000 yrs: Geological Society of America, 1993 annual meeting, Abstract with Programs, v. 25, p. 72. (incomplete reference)

- Foster, M., 1973, Ordovician receptaculitids from California and their significance: *Lethaia*, v. 6, p. 35-65.
- Foster, Merrill White, 1964, Ordovician receptaculitids, trilobites, and brachiopods from the Grapevine Mountains, California: Unpublished Masters thesis, University of California at Berkeley. (incomplete reference)
- Fouch, T.D., and Dean, W.E., 1982, Lacustrine and associated clastic depositional environments, *in* Scholle, P.A., and Spearing, D., eds., *Sandstone depositional environments: American Association of Petroleum Geologists*, Tulsa, Oklahoma, p. 87-114. (incomplete reference)
- Fouty, Suzanne, 1989, Chlorine mass balance as a method for determining long-term groundwater recharge rates and geomorphic-surface stability in arid and semi-arid regions, Whisky Flat and Beatty, Nevada: Unpublished MS Thesis, University of Arizona, Tucson, Arizona, 21 and 35 p. (incomplete reference)
- Fowler, T.K., Friedmann, S.J., Davis, G.A., and Bishop, K.M., 1995, 2-phase evolution of the Shadow Valley basin, south-eastern California—A possible record of footwall uplift during extensional detachment faulting: *Basin Research*, v. 7, p. 165-179. T
- Fox, F., 1989, Water supply wellfield monitoring program for Bond Gold: Hydro-Search, Inc., 333 Flint St., Reno, Nevada, 11 p., 1 map, scale 1:62,500.
- Fox, K.F., and Carr M.D., 1989, Neotectonics and volcanism at Yucca Mountain and vicinity, Nevada: *Radioactive Waste Management and Nuclear Fuel Cycle*, v. 13, p. 37-50.
- Fox, K.F., Jr., 1992, Grapevine Springs proposal: Unpublished project proposal to NPS by U.S. Geological Survey, Geologic Division, Denver, CO, 19 p. (incomplete reference)
- Fox, L., III, Fischer, A. F., III, Gillespie, A. R., and Smith, M. O., 1990. Investigation of AVIRIS imagery for application in differentiating soil chronosequences. *Proceedings of the Second Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) Workshop: Jet Propulsion Laboratory Publ. 90-54, Pasadena, CA., p. 94-99. (I,Q)*
- Frank, T.D., Tweddale, S.A., and Knapp, D.E., 1994, Variability of At-Satellite surface reflectance from Landsat TM and NOAA AVHRR in Death Valley National Monument.: *Photogrammetric Engineering and Remote Sensing.* v. 60, no. 10, p. 1259-1266.
- Franke, O.L., Reilly, T.E., and Bennett, G.D., 1987, Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems—An introduction: *U.S. Geological Survey Techniques of Water-Resources Investigations*, Book 3, Chapter B 5, 15 p.
- Franklin, R.H., 1965, Grantham mines talc operation: *Mining Engineering*, v. 17, p. 49.
- Free, E.E., 1914, The topographic features of the desert basins of the United States with reference to the possible occurrence of potash: *U.S. Department of Agriculture Bulletin* 54, 65 p.
- French, J.J., 1963, Water-resources reconnaissance of Wildrose Canyon and Grapevine, Death Valley National Monument: U.S. Geological Survey, Ground Water Branch, Sacramento, California, 20 p. (incomplete reference)
- French, R.H., 1983, A preliminary analysis of precipitation in southern Nevada: University of Nevada at Las Vegas, Water Resources Center, Desert Research Institute, DOE/NV/10162-10, 42 p.
- French, R.H., 1983, Precipitation in southern Nevada: *Journal of Hydraulic Engineering*, v. 109, p. 1023-1036.
- French, R.H., 1985, Daily seasonal, and annual precipitation at the Nevada Test Site, Nevada: U.S. Department of Energy, Nevada Operations Office, DE-AC08-85NV10384, (incomplete reference).
- French, R.H., 1986, Daily, seasonal, and annual precipitation at the Nevada test site: University of Nevada at Las Vegas, Desert Research Institute, 40 p. (incomplete reference)
- French, R.H., 1989, Effect of length of record on estimates of annual precipitation in Nevada: *Journal of Hydraulic Engineering*, v. 115, p. 493-506.
- Fridrich, C.J., 1998, Letter Report—A preliminary sketch of the geologic framework of the Amargosa Desert, with special reference to the Tertiary limestone aquifer in this basin: U.S. Geological Survey, Denver CO. (incomplete reference)
- Fridrich, C.J., Dobson, D.C., and Dudley, W.W., 1991, A geologic hypothesis for the large hydraulic gradient under Yucca Mountain, Nevada: *EOS [Transactions of the American Geophysical Union]*, v. 72, no. 17, p. 121.
- Fridrich, C.J., Dudley, W.W. Jr., and Stuckless, J.S., 1994, Hydrogeologic analysis of the saturated-zone ground-water system under Yucca Mountain, Nevada: *Journal of Hydrology*, v. 154, p. 133-168.

- Fridrich, C.J., Grauch, V.J.S., and Sawyer, D.A., 1996, Geophysical domains of the Nevada Test Site region an applications to regional hydrology: Geological Society of America, Abstracts with programs, v. 28, no. 7, p. A-192.
- Friedman, I., Smith, G.I., Gleason, J.D., Warden, A., and Harris, J.M., 1991, Stable isotope composition of waters in southeastern California—Part 1, Modern precipitation, 1991 May, 32 p. (incomplete reference)
- Friedmann, S.J., 1995, Implications of stratigraphic and topographic data sets on crustal dynamics in highly extended terranes: Geological Society of America, 1995 annual meeting, Abstracts with programs, v. 27, p. 70.
- Friedmann, S.J., 1999, in press, Sedimentology and stratigraphy of the Shadow Valley basin, eastern Mojave Desert, California, *in* Wri A., and Troxel, B. W., eds., Cenozoic basins of the Death Valley region: Geological Society of America Special Paper 333.
- Friedmann, S.J., Davis, D.A., and Fowler, T.K., 1996, Basin geometry, paleodrainage and geologic rates from the Shadow Valley supradetachment system, eastern Mojave, California, *in* Beratan, K.K., ed., Reconstructing the structural history of Basin and Range extension using sedimentology and stratigraphy: Geological Society of America Special Paper 303, p. 85-106.
- Friedmann, S.J., Davis, G.A., Fowler, T.K., Brudos, T., Burbank, D.W., and Burchfiel, B. C., 1994, Stratigraphy and gravity glide elements of a Miocene supradetachment basin, Shadow Valley, eastern Mojave Desert, *in* McGill, S. J., and Ross, T. M., eds., Geologic investigations of an active margin: Geological Society of America Cordilleran Section Guidebook: p. 302-318.
- Frizzell, V.A., Jr., and Shulters, J., 1990, Geologic map of the Nevada Test Site, southern Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-2046, 1 sheet, scale 1:100,000.
- Fryxell, J.E., Salton, G.S., Selverstone, J.E., and Wernicke, B.P., 1992, Gold Butte crustal section, South Virgin Mountains, Nevada: *Tectonics*, v. 11, p. 1099-1120. (M,T)
- Funk, B.G., 1942, Borates and associated minerals from Mount Blanco, Death Valley, California: *Mineralogist*, v. 10, p. 267-268.

G

- Gale, H.S., 1912, The Lila C borax mine at Ryan, California: *Mineral Resources of the United States, 1911*, p. 861-865, 2 plates.
- Gale, H.S., 1913, Prospecting for potash in Death Valley, California: U.S. Geological Survey Bulletin 540-N, p. 11-19.
- Gale, H.S., 1913, The origin of colemanite deposits: U.S. Geological Survey Professional Paper 85, p. 3-9.
- Gale, H.S., 1914, Notes on the Quaternary lakes of the Great Basin with special reference to the deposition of potash and other salines, *in* Contributions to Economic Geology, Part 1, Metals and Nonmetals except Fuels: U.S. Geological Survey Bulletin 540-N, p. 399-406.
- Gale, H.S., 1914, Salines in the Owens, Searles, and Panamint Basins, Southeastern California: U.S. Geological Survey Bulletin 580-L. (incomplete reference)
- Gale, H.S., 1914, Salt, borax, and potash in Saline Valley, Inyo County, California: U.S. Geological Survey Bulletin 540, p. 416-421.
- Galloway, D., and Rojstaczer, S., 1988, Analysis of the frequency response of water levels in wells to earth tides and atmospheric loading, *in* Proceedings of the fourth Canadian/American Conference on Hydrogeology: National Water Well Association, Dublin, Ohio, p. 100-113.
- Galloway, D., and Wilcoxon, W.E., 1993, Earth-tide induced fluid-pressure changes in Devils Hole, Death Valley National Monument, California-Nevada [abs.]: *Eos [American Geophysical Union Transactions]*, v. 74, no. 43, p. 565.
- Galloway, D.L., Ervin, E.M., Chornack, M.P., and Riggs, A.C. [compilers], Chornack, M.P., Diehl, S.F., Downey, J.S., Ervin, E.M., Flint, A.L., Flint, L.E., Galloway, D.L., Levy, S.S., Patterson, G.L., Riggs, A.C., Taylor, E.M., and Weeks, E.P. [contributors], 1992, Hydrogeologic overview and field trip of the regional ground-water flow system in relation to Yucca Mountain, Nevada, *in* Walawender, M.J., and Hanan, B.B., eds., Geological excursions in southern California and Mexico: Geological Society of America Field Trip Guidebook, October 21-24, 1991, p. 474-515.
- Galloway, D.L., Lacznia, R., Reiner, S., et al., 1994, Sustained aquifer fluid-pressure changes in Ash Meadows, Nevada, in response to the Northridge earthquake [abs.]: *EOS [Transactions of American Geophysical Union]*, 1994 fall meeting, v. 75, p. 171.
- Galvin, C., Klinger, R.E., and anonymous, 1996, Lake Manly beach ridges at Beatty Junction, Death Valley, California: Geological Society of America, Abstracts with Programs, 28th annual meeting, Abstracts with programs, v. 28, p. 458.
- Gan, T. L., 1962, Heavy minerals in sediments from Owens, China, Searles, and Panamint basins, southern California: Unpublished Ph.D. dissertation, Indiana University, Bloomington, Indiana. (incomplete reference)

- Gangloff, Rowland Anthony, The archaeocyatha of the central and southern Great Basin, California and Nevada: Unpublished PhD dissertation, University of California at Berkeley. (incomplete reference)
- Gans, W.T., 1970, The detailed stratigraphy of the Goodsprings Dolomite, southeastern Nevada-California: Unpublished Ph.D. dissertation, Rice University, Houston, Texas, 87 p.
- Gans, W.T., 1974, Correlation and redefinition of the Goodsprings Dolomite, southern Nevada and eastern California: Geological Society of America Bulletin, v. 85, no. 2, p. 189-200.
- Garrett, Donald M, 1966, Geology of the Saratoga Springs sand dunes, Death Valley National Monument, California., University of Southern California; Master's. (incomplete reference)
- Garrett, Donald M., 1966, Variation in the sedimentary parameters of the Saratoga Springs sand dunes, Death Valley National Monument, California: Unpublished Masters thesis, University of Southern California, Los Angeles, California. (incomplete reference)
- Gastil, R.G., DeLisle, M., and Morgan, J.R., 1967, Some effects of progressive metamorphism on zircons: Geological Society of America Bulletin, v. 78, p. 879-906.
- Gates, G.R., 1959, Clay mineral composition of borate deposits and associated strata at Boron, California: Science, v. 130. (incomplete reference)
- Gath, E., 1988, Quaternary lakes of the Owens River system, *in* Gregory, J.L., and Baldwin, E.J., eds., Geology of the Death Valley region: South Coast Geological Society, Annual Field Trip Guidebook No. 16, Santa Ana, California, p. 143-155.
- Gay, T.E., Jr., and Wright, L.A., 1954, Geology of the Talc City area, Inyo County, *in* Jahns, R.H., ed., Geology of Southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Map Sheet 12.
- Gaynor, R.K., 1984, Geohydrology of industrial waste disposal site: Journal of Energy Engineering, v. 110, p. 10-21.
- Gazin, C.L., 1956, The mammalian fauna of the Badwater area, pt. 2 of The geology and vertebrate paleontology of upper Eocene strata in the northeastern part of the Wind River Basin, Wyoming: Smithsonian Miscellaneous Collections, v. 131, p. 35.
- Gebhardt, C., and Willis, T., 1995, Inside Death Valley: a guide and reference text: Felton CA, Big Trees Press. (incomplete reference)
- Gee, G.W., Wierenga, P.J., Andraski, B.J., Young, M.H., Fayer, M.J., and Rockhold, M.L., 1994, Variations in water balance and recharge potential at three western desert sites: Soil Science Society of America Journal, v. 58, no. 1, p. 63-72.
- Geist, E.L., and Brocher, T.M., 1987, Geometry and subsurface lithology of southern Death Valley basin, California, based on refraction analysis of multichannel seismic data: Geology, v. 15, p. 1159-1162. (T,G)
- Geldon, A.L., Umari, A.M.A., Earle, J.D., Fahy, M.F., Gemmell, J.M., and Darnell, Jon, 1998, Analysis of a multiple-well interference test in Miocene tuffaceous rocks at the C-hole complex, May-June 1995, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 97-4166, 33 p.
- Gemmell, J.M., 1990, Water levels in periodically measured wells in the Yucca Mountain area, Nevada, 1988: U.S. Geological Survey Open-File Report 90-113, 47 p.
- Geodata International Inc., 1978, Aerial radiometric and magnetic survey, Trona National Topographic Map, California: Dallas TX, Geodata International Inc., v. I and II Scale unknown. (incomplete reference)
- Geodata International, Inc., Geologic Map of the Death Valley 1 degree by 2 degree AMSQuadrangle, Geodata International, Inc., prepared for the NURE program & USDOE
- Geological Society of Sacramento, 1970, Geologic guide to the Death Valley area, California: annual field trip guidebook. (incomplete reference)
- Geslin, J.K., and Moyer, T.C., 1995, Summary of lithologic logging of new and existing boreholes at Yucca Mountain, Nevada, March 1994 to June 1994: U.S. Geological Survey Open-File Report 94-451, 16 p.
- Geslin, J.K., Moyer, T.C., and Buesch, D.C., 1995, Summary of lithologic logging of new and existing boreholes at Yucca Mountain, Nevada, August 1993 to February 1994: U.S. Geological Survey Open-File Report 94-342, 39 p.
- Gianella, V.P., and Gallagher, E., 1934, The earthquake of December 20, 1932 at Cedar Mountain, Nevada, and its bearing on the genesis of Basin and Range structure: Journal of Geology, v. 42, p. 1-22.

- Giaramita, M., Day, H.W., and Troxel, B., 1983, Structural, metamorphic and plutonic evolution of the northern Funeral Mountains, Death Valley, California: Geological Society of America, Rocky Mountain Section, 36th annual meeting, Cordilleran Section, 79th annual meeting, Abstracts with Programs, v. 15, no. 5, p. 419.
- Giaramita, M.J. and Day, H.W., 1991, The four-phase AFM assemblage staurolite-aluminum silicate-biotite-garnet—Extra components and implications for staurolite-out isograds: *Journal of Petrology*, p. 1203-1229. (incomplete reference)
- Giaramita, M.J., 1984, Structural evolution and metamorphic petrology of the Monarch Canyon area, northern Funeral Mountains, Death Valley, California [M.S. thesis]: University of California, Davis, 145 pp. T,C
- Giaramita, M.J., Burnley, P.C., Day, H.W., et al., 1985, Lithologic control of deformation style in a detachment fault complex, northern Funeral Mountains, southeastern California: Geological Society of America, Cordilleran Section, 81st annual meeting, Abstracts with Programs, v. 17, p. 356.
- Gibbons, A.B., Hinrichs, E.N., Hanson, W.R., and Lemke, R.W., 1963, Geology of the Rainier Mesa quadrangle, Nye County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-215.
- Gibson, J.D., Swan, F.H., and Kerl, F.A., 1989, Synthesis of studies for the potential of fault rupture at the proposed surface facilities, Yucca Mountain, Nevada: Sandia National Laboratories SAND89-2099C, Albuquerque, New Mexico, 15 p.
- Gilbert, C.M., and Reynolds, M.W., 1973, Character and Chronology of Basin Development, Western Margin of the Basin and Range Province: Geological Society of America, Bulletin, v. 84, p. 2489-2510.
- Gilbert, C.M., Christensen, M.N., Al-Rawi, Y. and Lajoie, K.R., 1968, Structural and Volcanic History of Mono Basin, California-Nevada: Geological Society of America Memior 116, p. 275-327.
- Gilbert, E.M., 1957, Panamint legend: a story of strange moving rocks on a Death Valley dry lake: Los Angeles, CA, The Hesperus Press. (incomplete reference)
- Gilbert, G.K., 1875, Report on the geology of portions of Nevada, Utah, California, and Arizona, examined in the years 1871 and 1872: U.S. Geographical and Geological Surveys, W. 100th Meridian (Wheeler), v. 3, p. 17-187.
- Gilbert, G.K., 1883, A Theory of the Earthquakes of the Great Basin, with a Practical Application: *American Journal of Science*, Third Series, v. XXVII, no. 157, p. 49-53.
- Giles, T.R., 1993, Quaternary sedimentology and stratigraphy of the Mayo region, Yukon Territory: (incomplete reference)
- Gillespie, A., 1998, Remote sensing in Death Valley, *in* Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology, Furnace Creek Ranch Resort, Death Valley, CA, March 5 1998-March 8 1998, p. page 29.
- Gillespie, A.R., 1987. Lithologic mapping of silicate rocks using TIMS data, *in* Proceedings of Workshop on Thermal Infrared Multispectral Scanner: Jet Propulsion Lab Publication 36-38, Pasadena, CA, 29-44. (I)
- Gillespie, A.R., 1991, Quaternary subsidence of Owens Valley, California, *in* Hall, C.A.J., Doyle-Jones, V., and Widawski, B., eds., Natural history of eastern California and high-altitude research: Proceedings of the White Mountain Research Station Syposium, v. 3, p. 356-382.
- Gillespie, A.R., Burke, R.M., and Harden, J., 1994, Timing and regional paleoclimate significance of alluvial fan deposition, western Great Basin. Geological Society of America Abstracts with Programs, v. 26, no. 7, p. 150. (Q,I)
- Gillespie, A.R., Burke, R.M., Fischer, A.F., III, Smith, M.O., and Fox, L., III, 1990, Distinguishing soils and surfaces in a carbonate-enriched desert chronosequence with TIMS, *in* Abbott, E.A., ed., Proceedings of Second Thermal IR Multispectral Scanner (TIMS) Workshop: Jet Propulsion Laboratory Publ. 90-55, Pasadena, CA., p 119-135. (I,Q)
- Gillespie, A.R., Kahle, A.B., and Palluconie, F.D., 1984, Mapping alluvial fans in the Death Valley, California, using multichannel thermal infrared images: *Geophysical Research Letters*, v. 11, p. 1153-1156. (I,M,Q)
- Gillespie, A.R., Smith, M.O., Adams, J.B., Willis, S.C., Fischer, A.F., III, and Sabol, D., 1990, Interpretation of residual images—Spectral mixture analysis of AVIRIS images, Owens Valley, California, *in* Proceedings of Second Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) Workshop: Jet Propulsion Laboratory Publ. 90-54, Pasadena, CA., pp 243-270. (I)
- Gillespie, A.R., Trail Canyon fans—Capture history of Rock Creek. 1991, *in* Reheis, M.C., Slate, J.C., Sawyer, T.L., Sarna-Wojcicki, A.M., Harden, J.W., Pendall, E.G., Gillespie, A.R., and Burbank, D.M., Guidebook for Field Trip to Fish Lake Valley, California-Nevada, Pacific Cell, Friends of the Pleistocene: U.S. Geol. Survey Open-File Report 91-290, p178-184. (Q,I)

- Gillett, S.L., Karlin, R.E., Geissman, J.W., et al., 1993, Tectonic significance of regional late Paleozoic remagnetization of miogeoclinal carbonate rocks in the Great Basin and adjacent areas: Geological Society of America, 89th annual Cordilleran Section meeting and 46th annual Rocky Mountain Section meeting, Abstracts with Programs, v. 25, p. 42.
- Gillett, S.L., Kirschvink, J.L., van Alstine, D.R., et al., 1985, Paleomagnetism of upper Precambrian through Middle Cambrian sedimentary rocks from the Nopah Range, SE California: EOS [Transactions of American Geophysical Union], 1985 fall meeting, v. 66, p. 876. (incomplete reference)
- Gilluly, J., 1929, Possible desert-basin integration in Utah: *Journal of Geology*, v. 37. (incomplete reference)
- Gilmore, T.D., 1992, Geodetic leveling data used to define historical height changes between Tonopah Junction and Las Vegas, Nevada: U.S. Geological Survey Open-File Report 92-450. (incomplete reference)
- Ginnett, T.F., 1982, Comparative Feeding Ecology Of Feral Burros And Desert Bighorn Sheep In Death Valley National Monument., Univ. Nev. (Las Vegas); M.S. (incomplete reference)
- Ginnett, T.F.A.C.L.D., 1982, Food Habits Of Feral Burros And Desert Bighorn Sheep In Death Valley National Monument.: Desert Bighorn Council Trans. p. 81-87. (incomplete reference)
- Glancy, P.A., 1968, Water-resources appraisal of Butte Valley, Elko and White Pine Counties, Nevada: Nevada Department of Conservation and Natural Resources, Division of Water Resources, Reconnaissance Report 49, 45 p.
- Glancy, P.A., 1968, Water-resources appraisal of Mesquite-Ivanpah Valley area, Nevada and California: Nevada Department of Conservation and Natural Resources, Division of Water Resources, Reconnaissance Report 46, 57 p.
- Glancy, P.A., 1994, Evidence of prehistoric flooding and the potential for future extreme flooding at Coyote Wash, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 92-458, 32 p.
- Glancy, P.A., 1998, Coyote Wash, in Taylor, E.M., ed., Quaternary geology of the Yucca Mountain area, southern Nevada: Friends of the Pleistocene, Pacific Cell, October 1998, Field Trip Guide, p. 77-81.
- Glancy, P.A., and Beck, D.A., 1998, Modern flooding and runoff of the Amargosa River, Nevada-California, emphasizing contributions of Fortymile Wash, in Taylor, E.M., ed., Quaternary geology of the Yucca Mountain area, southern Nevada: Friends of the Pleistocene, Pacific Cell, October 1998, Field Trip Guide, p. 51-62.
- Glass, Herbert D., 1947, Fluorite-bearing clay from Darwin, California: Unpublished Masters Thesis, Columbia University, New York, New York. (incomplete reference)
- Glazner, A.F., Bartley, J.M., and Walker, J.D., 1989, Magnitude and significance of Miocene crustal extension in the central Mojave Desert, California: *Geology*, v. 17, p. 50-54.
- Glen, J.M., 1994, Paleomagnetism of Pleistocene lake sediments from eastern California: (incomplete reference)
- Glen, J.M., and Ponce, D.A., 1991, Aeromagnetic map of the Beatty 30' x 60' Quadrangle, Nevada and California: U.S. Geological Survey Open-File Map 91-105, 1 sheet, map scale 1:100,000.
- Glendinning, R.M., 1940, The role of Death Valley: *Economic Geography*, v. 16, p. 299-311.
- Glock, W.S., 1929, Geology of the east-central part of the Spring Mountain Range, Nevada: *American Journal of Science*, v. 217, p. 326-341.
- Golding, H.R., Geologic map of the southeastern part of Wingate Wash and vicinity, Death Valley, California: University of New Orleans unpublished, scale 1:24,000.
- Gomez, F., Hsieh, J., Holt, J., Murray, B., and Kirschvink, J., 1992, Outcrop geology of Plio-Pleistocene strata of the Confidence Hills, southern Death Valley, California, in Reynolds, Jennifer, compiler, The Confidence Hills, Southern Death Valley, California: San Bernardino County Museum Association, v. 39, no. 2, Spring 1992, Abstracts of Proceedings, 6th Annual Mojave Desert Quaternary Research Symposium, p. 3-6. Q, S
- Gonzalez, D.D., Warren, C.T., and Washington, C.L., 1973, Water levels and spring discharges for selected wells and springs in Nevada, 1966-69: U.S. Geological Survey Report USGS-474-171 [NTS-248], 69 p.
- Goodwin A., 1973, Proceedings of the symposium on talc: Washington D.C., May 8, 1973, U.S. Bureau of Mines Information Circular 8639, 102 p.
- Goodwin, P.B., 1988, Geomorphic interpretation of digital SPOT imagery: Hanaupah Canyon alluvial fan, Death Valley, California, Lubbock TX, Texas Tech University. (incomplete reference)
- Goodwin, T.R., 1936, Mining in the Panamints: *Thor Shun*, v. 1, no. 1, p. Location unknown. (incomplete reference)

- Gordon, M., Jr. and Poole, F.G., 1968, Mississippian-Pennsylvanian boundary in southwestern Nevada and southeastern California, Nevada Test Site: Geological Society of America Memoir 110. p. 157-168.
- Gosse, J.C., Evenson, E.B., Klein, J., Lawn, B., and Middleton, R., 1995, Precise cosmogenic ¹⁰Be measurements in western North America—Support for a global Younger Dryas cooling event: *Geology*, v. 23, no. 10, p. 877-880.
- Gosse, J.C., Harrington, C.D., and Whitney, J.W., 1996, Applications of in situ cosmogenic nuclides in the geologic site characterization of Yucca Mountain, *in* Murphy, W.M., and Knecht, D.A., eds., Scientific basis for nuclear waste management XII: Material Research Society Symposium Proceedings, v. 412, p. 799-806.
- Gosse, J.S., Harrington, C.D., Whitney, J.W., Klein, J., Lawn, B., Jull, A.J.T., and Sharma, P., 1996, Styles and rates of Quaternary erosion on Yucca Mountain: Geological Society of America, Abstracts with programs, v. 28, no. 7, p. A-193.
- Goudie, A.S., and Day, M.J., 1980, Disintegration of fan sediments in Death Valley, California: *Physical Geography*, v. 1, p. 126-137.
- Grabyan, R.L., 1974, Investigations of the geology and mineralization of the Wingate Wash area, Death Valley, California: Unpublished MS thesis, University of Southern California. (incomplete reference)
- Grasso, D.N., 1996, Hydrology of modern and late Holocene lakes, Death Valley, California: U.S. Geological Survey Water-Resources Investigations Report 95-4237, 54 p.
- Graves, R.P., and Goemaat, R.L., 1998, Water levels in the Yucca Mountain area, Nevada, 1995: U.S. Geological Survey Open-File Report 97-101, 91 p.
- Graybill, D.A., Rose, M.R., and Nials, F.L., 1994, Tree-rings and climate: Implications for Great Basin paleoenvironmental studies: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, v. 4, p. 2569-2573.
- Grayson, D.K., 1993, *The Desert's past—A natural prehistory of the Great Basin*: Washington, D.C., Smithsonian Institution Press, 356 p.
- Greeley, R., and Blumberg, D.G., 1995, Preliminary analysis of Shuttle Radar Laboratory (SRL-1) data to study aeolian features and processes: *IEEE Transactions Geoscience and Remote Sensing*, v. 33, no. 4, pp. 927- 933. I, Q
- Greeley, R., Blumberg, D.G., Dobrovolskis, A.R., and others, 1994, Potential transport of windblown sand: influence of surface roughness and assessment with radar data.
- Greeley, R., Blumberg, D.G., McHone, J.F., Dobrovolskis, A., Iversen, J.D., Lancaster, N., Rasmussen, K.R., Wall, S.D., and White, B.R., 1997, Applications of spaceborne radar laboratory data to the study of aeolian processes. *Journal of Geophysical Research*, E, Planets, v. 102, p. 10,971-10,983. (I,Q)
- Greene, G.W., 1966, Tiltmeter measurements, *in* Stratigraphy and structure, Death Valley, California, United States Geological Survey, General Geology of Death Valley, California United States Geological Survey Professional Paper 494-A, 162 p.
- Greene, G.W., and Hunt, C.B., 1960, Observations of current tilting of the earth's surface in the Death Valley, California area, Short papers in the geological sciences: Reston VA, United States Geological Survey, United States Geological Survey Professional Paper 400-B, 515 p.
- Greene, L.W., 1981, Historic resource study—A history of mining in Death Valley National Monument: National Park Service, Denver Service Center, Denver, Colorado, v. 1. (incomplete reference)
- Greene, R. C., and Fleck, R. J., 1997, Geology of the northern Black Mountains, Death Valley, California: U.S. Geological Survey Open File Report OF 97-79, 110 p. M
- Greene, R.C., 1995, Miocene and Pliocene volcanic and sedimentary section, northern Black Mountains, Death Valley, California: Geological Society of America, Cordilleran Section, Abstracts with Programs, v. 27, p. 22.
- Greene, R.C., and Fleck, R.J., 1997, Geology of the northern Black Mountains, Death Valley, California: U.S. Geological Survey Open-File Report OF-97-79, 82 p., 3 plates, map scale 1:24,000.
- Greenhaus, M.R., and Zablocki, C.J., 1982, A Schlumberger resistivity survey of the Amargosa Desert, southern Nevada: U.S. Geological Survey Open-File Report 82-897, 151 p.
- Greensfelder, R.W., 1972, Crustal movement investigation: Special Publication, California Division of Mines and Geology, v. 37, p. pages unknown. (incomplete reference)
- Gregg, W.O., and Taylor, D.W., 1965, *Fontelicella* (Prosobranchia: Hydrobiidae), a new genus of west American freshwater snails: *Malacologia*, v. 3, no. 1, p. 103-110.

- Gregory, J.L., and Baldwin, E.J., eds., 1988, *Geology of the Death Valley region: South Coast Geological Society, Annual Field Trip Guidebook No. 16*, Santa Ana, California, 429 p.
- Gregory, J.L., Baldwin, E.J., Ruff, R.W., Rendina, M.A., and Foster, J.H., 1988, Death Valley Field Trip road log, October 21-23, 1988, *in* Gregory, J.L. and Baldwin, E.J., eds., *Geology of the Death Valley region: South Coast Geological Society, Annual Field Trip Guidebook No. 16*, Santa Ana, California p. 1-60.
- Griffin, K.M., Cooper, J.D., Albright, G., et al., 1989, Microbial reefs on a carbonate ramp, a case study from western North America with a global perspective: (incomplete reference)
- Grinnell, J., 1919, The English sparrow has arrived in Death Valley: an experiment in nature: *The American Naturalist*, v. 53, p. 468-473.
- Grose, L.T., 1959, Structure and petrology of the northeast part of the Soda Mountains, San Bernardino County, California: *Geological Society of America Bulletin*, v. 70, p. 1509-1548.
- Grose, T.L., and Smith, G.I., 1989, *Geology*, *in* Bedinger, M.S., Sargent, K.A., and Langer, W.H., eds., *Studies of geology and hydrogeology in the Basin and Range Province, southwestern United States, for isolation of high-level radioactive waste: U.S. Geological Survey Professional Paper 1370-F*, p. 5-19.
- Gross, M., and Louie, J., 1992, Geometry of normal faulting in Tecopa Valley, California from magnetic survey: *California Geology*, July-August issue, p. 110-117.
- Gross, M.R., Louie, J., Laird, R., et al., 1990, Geometry of normal faulting in Tecopa Valley, Calif., from small-scale geophysical surveys: EOS [Transactions of American Geophysical Union], 1990 fall meeting, v. 71, p. 1585.
- Grove, D.B., 1971, U.S. Geological Survey tracer study, Amargosa Desert, Nye County, Nevada—Part II. An analysis of the flow field of a discharging-recharging pair of wells: U.S. Geological Survey Report USGS-474-099 [Amargosa Tracer-002], 52 p. Available only from National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.
- Grow, J.A., Barker, C.E., and Harris, A.G., 1994, Oil and gas exploration near Yucca Mountain, southern Nevada: Proceedings of the Fifth Annual International Conference on High Level Radioactive Waste Management, Las Vegas, Nevada: New York, American Nuclear Society, Inc., and American Society of Civil Engineers, v. 3, p. 1298–1315. (T,G)
- Grow, J.A., Barker, C.E., and Harris, A.G., 1994, Oil and gas exploration near Yucca Mountain, southern Nevada: American Nuclear Society International High-Level Radioactive Waste Management Conference Proceedings, Las Vegas, Nevada, p. 1-18.
- Guertal, W.R., Flint, A.L., Hofmann, L.L., and Hudson, D.B., 1994, Characterization of a desert soil sequence at Yucca Mountain: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, v. 4, p. 2755-2762.
- Guest, B., Geologic map of a part of the northeastern Owlshhead Mountains, Death Valley, California: University of New Orleans, unpub scale 1:24,000.
- Gumper, F.J., 1970, Microearthquake seismicity, Death Valley, California to Fairview Peak, Nevada: EOS, v. 51, no. 4, p. 351-352.
- Guth, P.L., 1990, Superposed Mesozoic and Cenozoic deformation, Indian Springs quadrangle, southern Nevada, *in* Wernicke, B.P., ed., *Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada: Geological Society of America Memoir 176*, p. 237-249.
- Gutstadt, A.M., 1968, Petrology and depositional environments of the Beck Spring Dolomite (Precambrian), Kingston Range, California: *Journal of Sedimentary Petrology*, v. 38, no. 4, p. 1280-1290.

H

- Haefner, R., 1972, Igneous history of a rhyolite lava flow series near Death Valley, California: Unpublished Ph.D. dissertation, Pennsylvania State University, University Park, Pennsylvania, 281 p.
- Haefner, R., 1973, Alteration of rhyolite near Death Valley, California: A newly recognized phenomenon: *Geological Society of America, Abstracts with Programs*, v. 5, no. 7, p. 647.
- Haefner, R., 1974, Geology of the Shoshone volcanics, Death Valley region, eastern California, *in* Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 59-64.
- Haefner, R., 1975, Cephalon size and shape of two coeval lower Cambrian olenellid trilobites from California: *Geological Society of America, 10th Annual Northeastern Section Meeting: Abstracts with Programs*, v. 7, p. 68.

- Haefner, R., 1976, Geology of the Shoshone volcanics, Death Valley Region, Eastern California, *in* Troxel, B.W. and Wright, L.A., eds., 1976, Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 67-72.
- Haefner, R.C., 1969, Emplacement and cooling history of a rhyolite lava flow and related tuff at Deadman Pass, near Death Valley, California: (incomplete reference)
- Haff, P.K., and Werner, B.T., 1993, Streak patterns on desert pavement surfaces: EOS [Transactions of American Geophysical Union], 1993 spring meeting, v. 74, p. 152.
- Haff, P.K., and Werner, B.T., 1996, Dynamical processes on desert pavements and the healing of surficial disturbances: Quaternary Research, v. 45, p. 38-46.
- Hague, A., 1883, Abstract of report on the geology of the Eureka district: US Geological Survey 3rd Annual Report, p. 237-290.
- Haines, D.V., 1959, Core logs from Searles Lake, San Bernardino County, California: United States Geological Survey Bulletin, v. 1045-E, p. 139-317.
- Hale, G.R., 1985, Mid-Pleistocene overflow of Death Valley toward the Colorado River, *in* Hale, G.R., ed., Quaternary lakes of the eastern Mojave desert, California: 1985 Pacific Cell of Friends of Pleistocene Field Trip Guidebook, p. 36-81.
- Hale, G.R., Editor, 1985, Quaternary lakes of the eastern Mojave Desert, California, Field Trip Guide, Pacific Cell, Friends of the Pleistocene, 144 p.
- Hale, G.S., and Westenburg, C.L., 1995, Selected ground-water data for Yucca Mountain region, southern Nevada and eastern California, calendar year 1993: U.S. Geological Survey Open-File Report 95-158, 67 p., 1 pl.
- Hall, C.A., Jr., 1958, Economic geology of the Darwin quadrangle, Inyo County, California, California Division of Mines and Geology, California Division of Mines and Geology Special Report No. 51, 73 p.
- Hall, C.A., Jr., 1963, Economic geology of the Panamint Butte quadrangle and Modoc District, Inyo County, California: San Francisco, CA, California Division of Mines and Geology, California Division of Mines and Geology Special Report No. 73, 39 p.
- Hall, C.A., Jr., and Young, D.J., editors, Natural history of the White-Inyo Range, eastern California and western Nevada and high altitude physiology: University of California, White Mountain Research Station symposium, Volume I, August 23 1985-August 25 1985.
- Hall, W.E., 1971, Geology of the Panamint Butte quadrangle, Inyo County, California: U.S. Geological Survey Bulletin 1299, map scale 1:48,000, 67 p. 1 pl. M, T
- Hall, W.E., and MacKevett, E.M., 1958, Economic geology of the Darwin Quadrangle, Inyo County, California: State of California, Division of Mines, Special Report 51, 72 p.
- Hall, W.E., and MacKevett, E.M., Jr., 1962, Geology and ore deposits of the Darwin quadrangle, Inyo County, California: US Geological Survey Professional Paper 368, 81 p., 9 plates.
- Hall, W.E., and Stephens, H.G., 1962, Preliminary geologic map of the Panamint Butte quadrangle, Inyo County, California: US Geological Survey Mineral Investigations Field Studies Map MF-251, 1 sheet, map scale 1:48,000.
- Hall, W.E., and Stephens, H.G., 1963, Economic geology of the Panamint Butte quadrangle and Modoc District, Inyo County, California: California Division of Mines and Geology Special Report 73, 39 p., with 12 plates, varying scales.
- Hambrick, D.A., 1987, Geologic maps of the Ash Meadows and the western side of the northern Resting Spring. U. S. Borax and C Corporation, unpublished, scale 1:24,000..
- Hamill, G.S., IV., 1966, Structure and stratigraphy of the Mt. Shader quadrangle, Nye County, Nevada-Inyo County, California: Unpublished Ph.D. dissertation, Rice University, Houston, Texas. (incomplete reference)
- Hamilton, W.B., 1988, Extensional faulting in the Death Valley region: Geological Society of America, Abstracts with Programs, v. 20, no. 3, p. 165-166.
- Hamilton, W.B., 1988, Death Valley tectonics—Hingeline between active and inactivated parts of a rising and flattening master normal fault, *in* Gregory, J.L., and Baldwin, E.J., eds., Geology of the Death Valley region: South Coast Geological Society Annual Field Trip Guidebook No. 16, Santa Ana, California, p. 179-205. T

- Hamilton, W.B., 1988, Detachment faulting in the Death Valley region, California and Nevada, *in* Carr, M.D., and Yount, J.C., eds., Geologic and hydrologic investigations of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 51-85. (T)
- Hamilton, W.B., Gregory, J.L. and Baldwin, E.J., 1988, Death Valley tectonics—Hingeline between active and inactivated parts of a rising and flattening master normal fault: *Geology of the Death Valley region*, p. 179-205. (incomplete reference)
- Hamlin, R.A., 1933, Report on water supplies and sanitation, Death Valley National Monument, United States Public Health Service, 32 p.
- Hamlin, R.A., 1996, Conservation genetics of remnant springsnail, *Prygulopsis wongi*, populations in desert valleys of California and Nevada, Reno NV, University of Nevada, Reno.
- Hammermeister, D.P., Blout, D.O., and McDaniel, J.C., 1985, Drilling and coring methods that minimize the disturbance of cuttings, core, and rock formation in the unsaturated zone, Yucca Mountain, Nevada (p. 507-541), *in* Procedures Conference, Characterization and monitoring of the vadose (unsaturated) zone, Denver, Colorado, 19-21 November 1985: National Water Well Association, Dublin, Ohio.
- Hammond, J.G., 1976, Water-resources data collected in the Devils Hole area, Nye County, Nevada, 1975-76: Carson City, NV, United States Geological Survey, United States Geological Survey Open-File Report 76-797, 15 pages.
- Hammond, Janet Louise Griswold, 1983, Late Precambrian diabase intrusions in the Death Valley region, California, their petrology, geochemistry and tectonic significance: Unpublished Ph.D. dissertation, University of Southern California, Los Angeles, California, 281 p.
- Hammond, S.E., 1994, Surveys at Devils Hole National Monument 1953 to 1994: July 18, 1994 Memorandum from Stephen E. Hammond, Chief, Hydrologic Data, Water Resources Division, U.S. Geological Survey, Sacramento, California to Owen Williams, Chief, Water Rights Branch, Water Resources Division, National Park Service, Fort Collins, Colorado, 15 p.
- Handman, E.H., and Kilroy, K.C., 1997, Ground-water resources of northern Big Smoky Valley, Lander and Nye Counties, central Nevada: U.S. Geological Survey Water-Resources Investigations Report 96-4311, 91 p.
- Hanes, W.T., 1976, Water-resources data collected in the Devils Hole Area, Ash Meadows, Nevada, 1975-76: U.S. Geological Survey U.S. Geological Survey Open-File Report 76-797, 15 p.
- Hansen, M.C., 1995, The Scioto Saline: *Ohio Geology*, Winter, v. 1, p. 3-4.
- Harden, J.W., Slate, J.L., Lamothe, P., Chadwick, O., Pendall, E., and Gillespie, A., 1991, Soil formation on the Trail Canyon alluvial fan, Fish Lake Valley, Nevada: U.S. Geological Survey Open-File Report 91-291, 22 p.
- Harden, J.W., Taylor, E.M., Hill, C., Mark, R.K., McFadden, L.D., Reheis, M.C., Sowers, J.M., and Wells, S.G., 1991, Rates of soil development from four soil chronosequences in the southern Great Basin: *Quaternary Research*, v. 35, p. 383-399.
- Harden, J.W., Taylor, E.M., Reheis, M.C., and McFadden, L.D., 1991, Calcic, gypsic, and siliceous soil chronosequences in arid and semiarid environments, *in* Nettleton, W.D., ed., Occurrence, Characteristics, and Genesis of Carbonate, Gypsum, and Silica Accumulations in Soils: *Soil Science of America Special Publication No. 26*, p. 1-16.
- Hardie, L.A., 1968, The origin of the Recent non-marine evaporite deposit of Saline Valley, Inyo County, California: *Geochimica et Cosmochimica Acta*, v. 5, no. 32, p. 1279-1301.
- Hardie, L.A., 1984, Evaporites—Marine or non-marine: *American Journal of Science*, v. 284, p. 193-240.
- Hardie, L.A., and Eugster, H.P., 1970, The evolution of closed-basin barines: *Mineralogical Society of America Special Publication*, v. 3, p. 273-290.
- Hardie, L.A., Smoot, J.P., and Eugster, H.P., 1978, Saline lakes and their deposits—A sedimentological approach: *International Association of Sedimentologists Special Publication*, v. 2, p. 7-41.
- Harding Lawson Associates, 1995, Hydrologic setting literature summary; Furnace Creek Landfill, Death Valley National Park, California, 3 p. tabs.; ill.
- Harding Lawson Associates, 1995, Physical survey, Furnace Creek Landfill, Death Valley National Park, Inyo County, California: Private Consultant, 9p. (incomplete reference)
- Harding Lawson Associates, 1997, Sampling and analysis plan, Furnace Creek class III landfill, Death Valley National Park, Inyo County, California, National Park Service, 50+ pages.

- Harding, D.J., Bufton, J.L., and Frawley, J.J., 1994, Laser altimetry of terrestrial topography: Vertical accuracy as a function of surface slope, roughness, and cloud cover: *IEEE Transactions Geoscience and Remote Sensing*, v. 32, p. 329-339. I
- Harding, M.B., 1987, Geology of the Wildrose Peak area, Death Valley region, California: Laramie, Wyoming, University of Wyoming M. S. thesis, 207p., scale of accompanying map 1:21,000.
- Harding, M.B., 1988, Geology of the Wildrose Peak area, Panamint Mountains, southeastern California [Abstract] *Geological Society of America, Abstracts, 84th annual meeting, Cordilleran Section, Geological Society of America, Geological Society of America*, p. 166.
- Harding, M.B., 1995, A conceptual model of the Death Valley ground-water flow system, Nevada and California: San Jose, CA, Pah Consultants, Inc., 98 pages.
- Harding, S.T., 1988, Preliminary results of high-resolution seismic reflection surveys conducted across the Beatty and Crater Flat fault scarps, Nevada, *in Carr, M.D., and Yount, J.C. eds., Geologic and hydrologic investigations of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790*, p. 121-127.
- Hardman, G., and Mason, H.S., 1949, Irrigated lands of Nevada: University of Nevada, Agricultural Experimental Station Bulletin 183, 57 p.
- Hardman, G., and Miller, M., 1934, The quality of waters of southeastern Nevada, drainage basins and water resources: University of Nevada, Agricultural Experimental Station. Bulletin 136, p. 22-28.
- Hardy, J.K., 1988, Stratigraphy and geologic history of the Death Valley region, *in Gregory, J.L., and Baldwin, E.J., eds., Geology of the Death Valley region: South Coast Geological Society Annual Field Trip Guidebook No. 16*, Santa Ana, California, p. 63-76.
- Hardy, J.K., Gregory, J.L. and Baldwin, E.J., 1988, Stratigraphy and geologic history of the Death Valley region, a brief introduction: *Geology of the Death Valley region: (incomplete reference)*
- Harmsen, F.J., Yang, W., Rowe, S.P., et al., 1990, High frequency cyclic stacking patterns in Middle Devonian platform carbonates, Death Valley, California—The interplay of eustacy, subsidence and sedimentation: *Geological Society of America, 1990 annual meeting*, p. 132-133. (incomplete reference)
- Harmsen, S.C., 1991, Seismicity and focal mechanisms for the southern Great Basin of Nevada and California in 1990: U.S. Geological Survey Open-File Report 91-367, 103 p.
- Harmsen, S.C., and Bufe, C.G., 1992, Seismicity and focal mechanisms for the southern Great Basin of Nevada and California, 1987 through 1989: U.S. Geological Survey Open-File Report 91-572, 208 p.
- Harrill, J.R., 1976, Pumping and depletion of ground-water storage in Las Vegas Valley, Nevada 1955-74: State of Nevada, Department of Conservation and Natural Resources, Division Water Resources Bulletin Number 44, 70 p.
- Harrill, J.R., 1986, Ground-water storage depletion in Pahrump Valley, Nevada-California, 1962-75: U.S. Geological Survey Water-Supply Paper 2279, 51 p., 3 plates.
- Harrill, J.R., 1995, Evaluation of scientific literature pertaining to the conceptualization of the ground-water flow system, Nevada and California: Private Consultant, Pal Consultants Inc., 14380 Story Road, San Jose, California, 32 p., 1 table, 13 appendix.
- Harrill, J.R., 1997, The potential impact of water development at proposed Timbisha Shoshone reservation sites on ground-water dependent resources of Death Valley National Park and Ash Meadows National Wildlife Refuge: Private Consultant, Pal Consultants Inc., 14380 Story Road, San Jose, California, 32 p., 10 tables, 4 attachments.
- Harrill, J.R., 1998, The potential impact of water development at proposed Timbisha Shoshone reservation sites on ground-water dependent resources of Death Valley National Park and Ash Meadows National Wildlife Refuge, *in Ground water resource issues of Death Valley National Park related to Timbisha Shoshone proposed reservations*, U.S. National Park Service, 106 pages.
- Harrill, J.R., and Prudic, D.E., 1998, Aquifer systems in the Great Basin Region of Nevada, Utah, and adjacent states—Summary report: U.S. Geological Survey Professional Paper 1409-A, 66 p.
- Harrill, J.R., Gates, J.S., and Thomas, J.M., 1988, Major ground-water flow systems in the Great Basin Region of Nevada, Utah, and adjacent States: U.S. Geological Survey Hydrologic Investigations Atlas HA-694-C, 2 sheets, map scale 1:1,000,000, with errata sheet.
- Harrill, James R., 1995, A conceptual model of the Death Valley ground-water flow system, Nevada and California: Private Consultant, Pal Consultants Inc., 14380 Story Road, San Jose, California, 70 p., 6 tables, 3 appendices.
- Harrington, C.D., and Whitney, J.W., 1987, Scanning electron microscope method for rock varnish dating: *Geology*, v. 15, p. 967-970

- Harrington, C.D., and Whitney, J.W., 1995, Comment on "Evidence suggesting that methods of rock-varnish cation-ratio dating are neither comparable or consistently reliable" by Bierman, P.R., and Gillespie, A.R.: *Quaternary Research*, v. 43, p. 268-271.
- Harrington, C.D., Whitney, J.W., Jull, A.J.T., and Phillips, F.W., 1994, Implications of surface-exposure dating of scarps along the Solitario Canyon and Windy Wash faults, Yucca Mountain, Nevada, by *in situ* produced cosmogenic ¹⁴C: *Geological Society of America, Abstracts with Programs*, v. 7 (?), p. A-303. (incomplete reference)
- Harrington, M.W., 1892, Notes on the climate and the meteorology of Death Valley, California: *United States Weather Bureau Bulletin*, v. 1, p. 7-50.
- Harris, A.G., Bergström, S.M., Ethington, R.L., and others, 1979, Aspects of Middle and Upper Ordovician conodont biostratigraphy of carbonate facies in Nevada and southeast California and comparison with some Appalachian successions, *in* Sandberg, C. A., and Clark, D. L., Editors, *Conodont biostratigraphy of the Great Basin and Rocky Mountains*, Brigham Young Univ. Geol. Studies 26, p. pt. 3, p. 7-44, Extent unknown.
- Harris, A.G., Repetski, J.E., Clayton, J.L., Grow, J.A., Carr, M.D., and Daws, T.A., 1992, Results from wildcat wells near Yucca Mountain, Nevada: *Geological Society of America, Abstracts with Programs, Rocky Mountain Section*, v. 24, no. 6, p. 17.
- Harris, R.A., and Simpson, R.W., 1992, Changes in static stress on southern California faults after the 1992 Landers earthquake: *Nature*, v. 360, p. 251-254.
- Hart, E., 1903, Death Valley, California, and its borax industry: *Transactions of the American Ceramic Society*, p. 64-73. (incomplete reference)
- Hart, E.W., 1994, Fault-rupture hazard zones in California: *California Division of Mines and Geology Special Publication 42*, 20 p., appendices.
- Hart, E.W., Bryant, W.A., Wills, C.J., Treiman, J.A., and Kahle, J.E., 1989, Summary report—Fault evaluation program, 1987–1988, southwestern Basin and Range region and supplemental areas: *California Department of Conservation, Division of Mines and Geology Open-File Report 89–16*, map scale 1:500,000, 31 p., 1 pl. M, N
- Hartman, D.A., 1973, Geology and low-grade metamorphism of the Greenwater River area, central Cascade Range, Washington: v. 35, p. 99. (incomplete reference)
- Hartman, T., Anderson, T.B., 1995, Variations in morphology and structure of thrombolites in the Middle Cambrian Jangle Limestone Member of the Carrara Formation, southern Nopah Range, California: *Geological Society of America, Cordilleran Section, 91st annual meeting, Abstracts with Programs*, v. 27, p. 25.
- Harvey, A.M., 1989, The occurrence and role of arid zone alluvial fans, *in* Thomas, D.S.G., ed., *Arid zone geomorphology*: London, Belhaven Press, p. 136-158.
- Harvey, A.M., and Wells, S.G., 1994, Late Pleistocene and Holocene changes in hillslope sediment supply to alluvial fan systems, Zzyzx, California, *in* Millington, A.C., and Pye, K., eds., *Environmental change in drylands—Biogeographical and Geomorphological Perspectives*: John Wiley and Sons Ltd, p. 67-82.
- Haug, G.A., 1981, Early Silurian depositional environments of the lower unit of the Hidden Valley Dolomite, Great Basin, America: (incomplete reference)
- Hausback, B.P., Deino, A.L., Turrin, B.P., McKee, E.H., Frizzell, V.A., Noble, D.C. and Weiss, S.I., 1990, New ⁴⁰Ar/³⁹Ar ages for Spearhead and Civet Cat Canyon Members of the Stonewall Flat Tuff, Nye County, Nevada: evidence for systematic errors in ⁴⁰Ar age determinations on sanidine: *Isochron/West*, No 56, p.3-7.
- Hawkins, W.L., Cavazos, A.P., and Thompson, P.H., 1988, Geologic and hydrologic investigations at the Aleman (U3KZ) site, and other sites in Yucca Flat, the Nevada Test Site, *in* Olsen, C.W., Donahue, M.L., and Wanden, S.W., eds., *Forth symposium on the containment of underground nuclear explosions*: Colorado Springs, Colorado, Sandia National Laboratory, Proceedings, CONF-870961, v. 2, p. 387-398.
- Hawkins, W.L., Trudeau, D.A., and Mihevc, T.M., 1990, Hydrologic testing in exploratory drill hole U-4t, Yucca Flat, the Nevada Test Site, *in* Olsen, C.W., and Carter, J.A., eds., *Fifth symposium on the containment of underground nuclear explosions*: Santa Barbara, California, Lawrence Livermore National Laboratory, Proceedings, CONF-8909163, v. 2, p. 141-159.
- Hay, E.A., 1976, Cenozoic Uplifting of the Sierra Nevada in Isostatic Response to North American and Pacific Plate Interactions: *Geology*, v. 4, p. 763-766.
- Hay, R.L. and Hayes, J.B., 1985, Clays of the Amargosa Desert (including field trip stops): *Clays and zeolites*, Los Angeles, California, to Las Vegas, Nevada: p. 57-59. (incomplete reference)

- Hay, R.L., and Moiola, R.J., 1962, Authigenic silicate minerals in Pleistocene sediments of Searles Lake, California [Abstract]: Geological Society of America, Abstracts With Programs, p. 68A.
- Hay, R.L., Pexton, R.E., Teague, T.T., and Kyser, T.K., 1986, Spring-related carbonate rocks, Mg clays, and associated minerals in Pliocene deposits of the Amargosa Desert, Nevada and California: Geological Society of America Bulletin, v. 97, p. 1488-1503.
- Hayes, E., 1986, Ripple formation in the Death Valley Dunes, 17 pp. maps; graphs; tabs.; ill. (incomplete reference)
- Haynes, Jr., C.V., 1965, Geochronology of Late-Quaternary Alluvium, in Morrison, R.B. and Wright, Jr., H.E., eds., Means of Correlation of Quaternary Successions, Proceedings VII Congress: International Association for Quaternary Research, v. 8, p. 591-631.
- Haynes, Jr., C.V., 1967, Quaternary geology of the Tule Springs area, Clark County, Nevada, in Wormington, H.M., and Ellis, D., eds., Pleistocene studies in southern Nevada: Nevada State Museum of Anthropology Paper 13, p. 1-104
- Hazard, K.A., 1951, Revision of Devonian and Carboniferous sections, Nopah Range, Inyo County, California [Abstract]: Geological Society of America Bulletin, v. 62, p. 1503.
- Hazard, K.A., 1954, Revision of Devonian and Carboniferous sections, Nopah Range, Inyo County, California: American Association of Petrol. Geologists Bull., v. 38, p. 878-885.
- Hazard, K.A., 1986, The effect of vegetation on surface roughness and dune formation, Death Valley, CA, 23 pp. graphs; ill.; maps.
- Hazard, J.C., 1937, The Paleozoic section in the Nopah and Resting Springs Mountains, Inyo County, California: California Division of Mines, Journal of Mines and Geology, v. 33, no. 4, p. 273-339.
- Hazard, J.C., 1937, The Paleozoic section in the Nopah and Resting Springs Mountains, Inyo County, California: Unpublished Ph.D. Dissertation, University of Southern California, Los Angeles, California. (incomplete reference)
- Hazard, J.C., 1954, Revision of Devonian and Carboniferous sections, Nopah Range, Inyo County, California: Bulletin of the American Association of Petroleum Geologists, v. 38, p. 878-885.
- Hazard, J.C., 1975, Gravity survey of the Amargosa Desert area of Nevada and California, United States Geological Survey, United States Geological Survey Open-File Report 474-136, 32 p.
- Hazard, J.C., and Mason, J.F., 1936, Middle Cambrian formations of Providence and Marble mountains, California: Geological Society of America Bulletin, v. 47, p. 229-240.
- Hazard, J.C., and Mason, J.F., 1936, Stratigraphy and lithology of the middle Cambrian formations of the Providence and Marble Mountains, San Bernardino County, California: Geological Society of America, Abstracts with Programs, p. 408-409. (incomplete reference)
- Hazard, J.C., and Mason, J.F., 1953, The Goodsprings Dolomite at Goodsprings, Nevada: American Journal of Science, v. 251, p. 643-655.
- Healey, D.L., and Miller, C.H., 1971, Gravity survey of the Amargosa Desert area of Nevada and California: U.S. Geological Survey Report USGS-474-136 [NTS-099, 1965], 29 p.
- Healey, D.L., Wahl, R.R., and Oliver H.W., 1980, Bouguer gravity map of Nevada, Death Valley Sheet: Nevada Bureau of Mines and Geology, Map 69, scale 1:250,000.
- Heaman, L.M. and Grotzinger, J.P., 1992, 1.08 Ga diabase sills in the Pahump Group, California: Implications for development of the Cordilleran miogeocline: Geology, v. 20, p. 637-640. C,S
- Hearn, T.M., Rosca, A.C., and Fehler, M.C., 1994, Pn tomography beneath the southern Great Basin: Geophysical Research Letters, v. 21, p. 2187-2190.
- Heassler, M.J., and Friend, L.D., 1986, Geology of the Valjean Hills, southeastern Death Valley region, San Bernardino County, California: Sonoma State University, unpublished report, scale of accompanying map 1:12,363.
- Heimes, K.A., 1986, Evolution of bar and swale topography on an arid region alluvial fan, Chicago Valley, California, 44 pp. graphs; ill.; photos; maps.
- Heinrichs, E.N., 1968, Geologic structure of Yucca Flats area, Nevada: Geological Society of America Memoir, v. 110, p. 239-246.
- Hempton, M.R., Dunne, L.A., 1983, The Death Valley pull-apart basin—A composite structure: EOS [Transactions of American Geophysical Union], 1983 spring meeting, v. 64, p. 321.

- Henderson, G.V., 1980, Geology of the Silver Hills lead-silver deposit, Silurian Hills, California, *in* Fife, D. L., and Brown, A. R., Editors, *Geology and mineral wealth of the California desert*: Santa Ana, CA, South Coast Geological Society, p. 349-351.
- Hendrickson, R.E., 1977, Water system study for Fred Harvey Company, Furnace Creek, California, 29 p. + appendix .
- Hendrickson, R.E., 1979, Environmental impact report: mining on the Del Norte property, Death Valley, California. (incomplete reference)
- Henningson, D., and Richardson Inc., 1977, Water supply study for Fred Harvey Company, Furnace Creek, California: Private Consultants, Job 1310115, Phoenix, Arizona, 29 p., 6 tables, 6 plates.
- Henshaw, P.C., 1939, A Tertiary mammalian fauna from the Avawatz Mountains, San Bernardino County, California: Carnegie Institute Washington Publication 514, p. 1-30.
- Heney, Thomas L., 1968, Heat flow near major strike-slip faults in central and southern California: Unpublished Ph.D. dissertation, California Institute of Technology, Pasadena, California. (incomplete reference)
- Hereford, R., and Webb, R.H., 1992, Historic variation of warm-season rainfall, southern Colorado plateau, Southwestern U.S.A.: *Climate Change*, v. 22, p. 239-256.
- Herr, C.A., 1995, Water chemistry of spring discharge from the carbonate-rock province of Nevada and California, Volumes I and II, Desert Research Institute, Water Resources Center, University and Community College System of Nevada, 275+ p.
- Herr, Connie A., 1991, The role of native vegetation in the near-surface hydrology of Yucca Mountain: Unpublished MS thesis, University of Nevada at Las Vegas, Nevada, 71 p.
- Hershey, R.L., 1997, Estimation of groundwater velocities using geochemistry and environmental isotopes in southern Nevada: Geological Society of America, Abstracts with Programs, 93rd annual meeting Cordilleran section, v 29, p. 19.
- Hershey, R.L., and Mizell, S.A., 1995, Water chemistry of spring discharge from the carbonate-rock province of Nevada and California: University of Nevada at Las Vegas, Desert Research Institute, Water Resources Center, Publication No. 41140, 42 p., 6 appendix.
- Hershey, Ronald L., 1989, Hydrogeology and hydrogeochemistry of the Spring Mountains, Clark County, Nevada: Unpublished MS thesis, University of Nevada at Las Vegas, 237 p.
- Hershler, R., 1931, Geology and ore deposits of the Goodsprings quadrangle, Nevada, United States Geological Survey, United States Geological Survey Professional Paper 162, 172 p.
- Hershler, R., 1988, Springsnails (Gastropod: Hydrobiidae) of Death Valley system, California-Nevada. II. Fauna of Death Valley, and pluvial Owens and Amargosa River (exclusive of Ash Meadows) drainages. (incomplete reference)
- Hershler, R., 1989, Springsnails (Gastropoda: Hydrobiidae) of Owens and Amargosa River (exclusive of Ash Meadows) drainages, Death Valley system, California-Nevada: *Proceedings of the Biological Society of Washington*, v. 102, no. 1, p. 176-248.
- Hershler, R., 1992, An analysis of the potential impacts of water withdrawals by Phoenix Inn, Inc. on Death Valley National Monument: Las Vegas, NV, Water Resources Center, Desert Research Institute, University and Community College System of Nevada, 11 p. + illus.
- Hershler, R., and Pratt, W.L., 1990, A new *Pyrgulopsis* (Gastropoda: Hydrobiidae) from southeastern California, with a model for historical development of the Death Valley hydrographic system: *Proc. Biol. Soc. Wash.*, v. 103, no. 2, p. 279-299.
- Hershler, R., and Sada D., 1987, Springsnails (Gastropoda: Hydrobiidae) of Ash Meadows, Amargosa Basin, California-Nevada: *Proceedings of the Biological Society of Washington*, v. 100, no. 4, p. 776-843.
- Hershler, R., and Thompson, F.G., 1987, North American Hydrobiidae (Gastropoda: Rissoacea): redescription and systematic relationships of *Tryonia* Stimpson, 1865 and *Pyrgulopsis* Call and Pilsbry, 1886: *Nautilus*, v. 101, p. 25-32.
- Hershler, R., Mulvey, M., and Liu, H., 199?, Biogeography in the Death Valley region: evidence from springsnails (Hydrobiidae: *Tryonia*). (incomplete reference)
- Hess, J.W., and Lyles, B.F., 1992, An analysis of the potential impacts of water withdrawals by Phoenix Inn, Inc. on Death Valley National Monument: University of Nevada at Las Vegas, Desert Research Institute, Water Resources Center, 13 p..
- Hess, J.W., and Mifflin, M.D., 1978, A feasibility study of water production from deep carbonate aquifers in Nevada: University of Nevada System, Desert Research Institute, Water Resources Center Publication No. 41054, 123 p.
- Hess, J.W., Jacobson, R.L., and Lintz, J., Jr. (ed.), 1984, Hydrogeology of the Nevada Test Site and southern Amargosa Desert (field trip 21): *Western geological excursions*, v. 3, p. 224-248. (incomplete reference)

- Hevesi, J.A., 1990, Precipitation estimation in mountainous terrain using multivariate geostatistical analysis: Unpublished MS thesis, Oregon State University, Corvallis, Oregon, 58 p.
- Hewett, D.F., 1928, Late Tertiary thrust faults in the Mojave Desert, California: National Academy of Science, Program v. 14, no. 1, p. 7-12.
- Hewett, D.F., 1931, Geology and ore deposits of the Goodsprings quadrangle, Nevada: US Geological Survey Professional Paper 162, 172 p.
- Hewett, D.F., 1940, New formation names to be used in the Kingston Range, Ivanpah Quadrangle, California: Washington Academy of Science Journal, v. 30, no. 6, p. 239-240.
- Hewett, D.F., 1954, A fault map of the Mojave desert region, *in* Jahns, R.H., ed., Geology of Southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter IV, Contribution 2, p. 15-18.
- Hewett, D.F., 1954, General geology of the Mojave desert region, California, *in* Jahns, R.H., ed., Geology of Southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter II, Contribution 2, p. 5-19.
- Hewett, D.F., 1956, Geology and mineral resources of the Ivanpah quadrangle, California and Nevada: U.S. Geological Survey Professional Paper 275, 172 p., 2 plates, scale 1:125,000. (S,T,M)
- Hewett, D.F., Geology and ore deposits of the Ivanpah quadrangle, Nevada and California: U.S. Geological Survey. (incomplete reference)
- Heydari E., 1981, Structural geology of the Resting Spring Range, Inyo County, Death Valley, California: University Park, Pennsylvania State University M. S. thesis, scale of accompanying map 1:24,000.
- Heydari, E., 1986, Structural development of the Resting Spring Range, Inyo County, eastern California: Geological Society of America, Abstracts with Programs, 99th annual meeting, v. 18, p. 636.
- Hicks, W.B., 1917, Evaporation of brine from Searles Lake, California: United States Geological Survey Professional Paper 98-A, United States Geological Survey, Extent unknown. (incomplete reference)
- Higgins, G.H., 1959, Evaluation of ground-water contamination hazard from underground nuclear explosions: Journal of Geophysical Research, v. 64, p. 1509-1519.
- Hildenbrand, T.G., Rogers, A.M., Oliver, H.W., Harmsen, S.C., Nakata, J.K., Aitken, D.S., Harris, R.N., and Carr, M.D., 1988, Regional geologic and geophysical maps of the southern Great Basin, *in* Carr, M.D., and Yount, J.C., eds., Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 3-22.
- Hildreth, W., 1976, Death Valley geology: rocks and faults, fans and salts: Death Valley, CA, Death Valley Natural History Association, 72 p.
- Hill, D.P., 1982, Contemporary Block Tectonics: California and Nevada: Journal of Geophysical Research, v. 87, no. B7, p. 5433-5450.
- Hill, M.L., 1954, Tectonics of faulting in southern California, *in* Jahns, R.H., ed., Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter IV, Contribution 1, p. 5-13.
- Hill, M.L., and Dibblee, T.W., 1953, San Andreas, Garlock, and Big Pine faults: Geological Society of America Bulletin, v. 64, p. 443-458.
- Hill, M.L., and Troxel, B.W., 1966, Tectonics of Death Valley region, California: Geological Society of America Bulletin, v. 77, p. 435-438. T
- Hill, R.L., 1972, Geology and geochemistry of El Capitan Mercury Mine, Last Chance Range, Inyo County, California: Unpublished Masters thesis, University of California at Los Angeles. (incomplete reference)
- Hill, W.H., 1961, Geode beds in the vicinity of Artists Drive. (incomplete reference)
- Hillhouse, J.W., 1987, Late Tertiary and Quaternary geology of the Tecopa basin, southeastern California: U.S. Geological Survey Miscellaneous Investigations Map I-1728, scale 1:48,000, with text, 16 p.
- Hilton, J.W., 1939, Opals at Zabriskie: The Desert Magazine, v. 2, no. 4, p. 9-11.
- Hinrichs, E.N., 1968, Geologic map of the Camp Desert Rock quadrangle, Nye County, Nevada, U.S. Geological Survey Geologic Quadrangle Map GQ-726, map scale 1:24,000.

- Hintzmann, K.J., 1983, Stratigraphic correlation of the Mountain Springs Formation (Ordovician-Devonian), southern Great Basin: p. 126. (incomplete reference)
- Hintzmann, K.J., Miller, R.H., Academia, I.G., et al., 1982, Stratigraphic revision of the Mountain Springs Formation (Lower Ordovician to Lower Devonian), southern Great Basin: Geological Society of America, Abstracts with Programs, 95th annual meeting, v. 14, p. 515.
- Hobbs, W.H., 1910, The earthquake of 1872 in the Owens Valley, California: *Beitrag zur Geophysik*, v. 10, p. 352-383.
- Hodges, K.V., 1984, Tertiary folding and extension, Tucki Mountain area, Death Valley region, California: Geological Society of America, Abstracts With Programs, v. 16, no. 6, p. 540.
- Hodges, K.V., 1988, Chronology of diving activities and underground surveys in Devils Hole and Devils Hole Cave, Nye County, Nevada, 1950-86: Carson City, NV, United States Geological Survey, United States Geological Survey Open-file Report 88-93, 12 p.
- Hodges, K.V., 1988, Metamorphic and geochronologic constraints on the uplift history of Cordilleran metamorphic core complexes: Geological Society of America Centennial Celebration, 20, 18. (incomplete reference)
- Hodges, K.V., and McKenna, L.W., 1987, Realistic propagation of uncertainties in geologic thermobarometry: *American Mineralogist*, v. 72, p. 671-680.
- Hodges, K.V., and Walker, J.D., 1990, Petrologic constraints on the unroofing history of the Funeral Mountains metamorphic core complex, California: *Journal of Geophysical Research*, v. 95, p. 8437-8445. C,T
- Hodges, K.V., and Walker, J.D., 1990, Widespread evidence for Cretaceous extensional collapse in the hinterland of the Sevier Orogen of western North America: Geological Society of America, Abstracts with Programs, 1990 annual meeting, v. 22, p. 276.
- Hodges, K.V., and Walker, J.D., 1992, Extension in the Cretaceous Sevier orogen, North America Cordillera: *Geological Society of America Bulletin*, v. 104, p. 560-569. T
- Hodges, K.V., and Walker, J.D., 1992, Extension of the Cretaceous Sevier orogeny, North American Cordillera: *Geology*, v. 104, p. 560-569.
- Hodges, K.V., McKenna, L.W., Harding, M.B., et al., 1990, Structural unroofing of the central Panamint Mountains, Death Valley region, southeastern California, in Wernicke, B.P., ed., Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada: Geological Society of America Memoir 176, p. 377-390.
- Hodges, K.V., McKenna, L.W., Stock, J., Knapp, J., Page, L., Sternlof, K., Silverberg, D., Wust, G., and Walker, J.D., 1989, Evolution of extensional basins and Basin and Range topography west of Death Valley, California: *Tectonics*, v. 8, no. 3, p. 453-467, 1 pl. (2 sheets). T
- Hodges, K.V., Walker, J.D., and Wernicke, B.P., 1987, Footwall structural evolution of the Tucki Mountain detachment system, Death Valley region, southeastern California, in Coward, M.P., Dewey, J.F., and Hancock, P.L., (eds.), *Continental Extensional Tectonics*, London Geological Society, Special Publication No. 28, p. 393-408. (T)
- Hodges, K.V., Wernicke, B.P., and Walker, J.D., Middle Miocene (?) through Quaternary extension, northern Panamint Mountains area, California, in Wernicke, Brian P., Snow, J. Kent, Axen, Gary J., and others, *Leaders, Extensional tectonics in the Basin and Range Province between the southern Sierra Nevada and the Colorado Plateau*: Washington D.C, American Geophysical Union, p. 45-55, 80 p.
- Hoffard, J.L., Zoback, M.L. and Rowland, S.M., 1990, Quaternary fault patterns in Pahrump Valley, NV, and Stewart Valley, CA: Geological Society of America, Abstracts with Programs, 86th annual meeting Cordilleran Section, v. 22, p. 29.
- Hoffard, Joann L., 1991, Quaternary tectonics and basin history of Pahrump and Stewart Valleys, Nevada and California: University of Nevada, Reno, M.S. thesis, 138 p., 5 plates. (Q,N,M,T)
- Hoffine, S.R., 1993, Geochemistry of the volcanic rocks of the Saline Range, California, implications for mantle composition and involvement in extension beneath the Basin and Range: (incomplete reference)
- Hoffman, R.J., 1988, Chronology of diving activities and underground surveys in Devils Hole and Devils Hole Cave, Nye County, Nevada, 1950-86: U.S. Geological Survey Open-File Report 88-93, 12 p.
- Hofstra, A.H., Fey, D.L., Motooka, J.M., and others, 1993, Reconnaissance stream-sediment geochemistry of Death Valley National Monument, California. Open File Report U. S. Geological Survey.: Reston, VA, U.S. Geological Survey. (incomplete reference)

- Hogan, P.J., 1987, A detailed geophysical and geological investigation of the intersection of the Black Mountain, Wingate Wash, and southern Death Valley fault zones, Death Valley, California: Unpublished Master of Science Thesis, University of New Orleans, 59 p.
- Hoisch, T.D., 1989, Movement history of metamorphic rocks from the Funeral Mountains, California, and Bare Mountain, Nevada: Geological Society of America Abstracts With Programs, v. 21, p. A93.
- Hoisch, T.D., and Simpson, C., 1989, P-T-t movement history of metamorphic rocks from the Funeral Mountains, California, and Bare Mountain, Nevada: Geological Society of America, Cordilleran Section, 85th annual meeting and the Rocky Mountain Section, 42nd annual meeting, Abstracts with Programs, v. 21, p. 93.
- Hoisch, T.D., and Simpson, C., 1991, Cretaceous uplift and subsequent tilting of metamorphic rocks from the lower plate of a detachment fault in the Funeral Mountains, Death Valley, California: (incomplete reference)
- Hoisch, T.D., and Simpson, C., 1993, Rise and tilt of metamorphic rocks in the lower plate of a detachment fault in the Funeral Mountains, Death Valley, California: Journal of Geophysical Research, v. 98, no. B4, p. 6805-6827. C,T
- Hoisch, T.D., Heizler, M.T., and Zartman, R.E., 1997, Timing of detachment faulting in the Bullfrog Hills and Bare Mountain area, southwest Nevada—Inferences from $^{40}\text{Ar}/^{39}\text{Ar}$, K-Ar, U-Pb, and fission track thermochronology: Journal of Geophysical Research, v. 102, no. B2, February 10, 1997, p. 2815-2833. T
- Holden, K.D., 1976, Geology of the central Argus Range, San Jose, CA, San Jose State University. (incomplete reference)
- Hollett, K.J., Danskin, W.R., McCaffery, W.F., and Walti, C.L., 1991, Geology and water resources of Owens Valley, California: U.S. Geological Survey Water-Supply Paper 2370-B, 70 p., 2 plates.
- Hollister, L.S., Burruss, R.C., Henry, D.L., and Hendel, E.M., 1979, Physical conditions during uplift of metamorphic terrains, as recorded by fluid inclusions: Bulletin of Mineralogy, v. 102, p. 555-561.
- Holm, D.K. and Ash, S.R., 1992, Timing and nature of syntectonic intrusion and denudation of the Death Valley turtlebacks, Black Mountains, California: Geological Society of America Abstracts with Programs, Rocky Mountain Section 45th annual meeting, Abstracts with Programs, v. 24, p. 19.
- Holm, D.K. and Dokka, R.K., 1993, Interpretation and tectonic implications of cooling histories, an example from the Black Mountains, Death Valley extended terrane, California: Earth and Planetary Science Letters, v. 116, p. 63-80.
- Holm, D.K., 1989, Uplift history of the Black Mountains crystalline terrain, Death Valley region, California: EOS Transactions [American Geophysical Union], v. 70, no. 43, p. 1335.
- Holm, D.K., 1991, Initial dip, geometry, and kinematics of detachment faulting in the Death Valley region, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 23, p. A189.
- Holm, D.K., 1992, Geologic map of the Black Mountains:: Harvard University, Cambridge, Ph. D. thesis, scale 1:12,000. (incomplete reference)
- Holm, D.K., 1992, Structural, thermal and paleomagnetic constrains on the tectonic evolution of the Black Mountains crystalline terrain, Death Valley region, California, with implications for extensional tectonism: Unpublished PhD dissertation, Harvard University, Cambridge, Mass., 237 p.
- Holm, D.K., 1993, Relation of Miocene deformation and multiple intrusion in the Black Mountains crystalline core, Death Valley, California: EOS (Transactions of the American Geophysical Union), v. 74, p. 609.
- Holm, D.K., 1995, Assessing tilt and rotation during extension - paleomagnetism of the central Death Valley magmatic field, California: EOS [Transactions of American Geophysical Union], v. 76, p. 596-597.
- Holm, D.K., 1995, Relation of deformation and multiple intrusion in the Death Valley extended region, California, with implications for magma entrapment mechanism: Journal of Geophysical Research, June 10, 1995, v.100, no. B7, p. 10,495-10,505.
- Holm, D.K., and Dokka, R.K., 1993, Interpretation and tectonic implications of cooling histories: An example from the Black Mountain Death Valley extended terrane, California: Earth and Planetary Science Letters, v. 116, p. 63-80. (C)
- Holm, D.K., and Dokka, R.K., 1991, Late Miocene cooling associated with tectonic denudation in the Funeral Mountains, California: EOS [Transactions of American Geophysical Union], 1991 spring meeting, v. 72, p. 268. C,T
- Holm, D.K., and Dokka, R.K., 1991, Major Late Miocene cooling of the middle crust associated with extensional orogenesis in the Funeral Mountains, California: Geophysical Research Letters, v. 18, p. 1775-1778. C,T

- Holm, D.K., and Dokka, R.K., 1993, Interpretation and tectonic implications of cooling histories: an example from the Black Mountains, Death Valley extended terrane, California: *Earth and Planetary Science Letters*, v. 116, no. 1-4, p. 63-80. T
- Holm, D.K., and Lux, D.R., 1991, The Copper Canyon Formation: A record of unroofing and Tertiary folding of the Death Valley turtle surfaces: *Geological Society of America Abstracts with Programs*, v. 23, p. 35.
- Holm, D.K., and Wernicke, B., 1989, Tertiary ductile deformation and uplift of the Black Mountains, Death Valley extended terrain, California: EOS [Transactions American Geophysical Union]. (incomplete reference)
- Holm, D.K., and Wernicke, B.P., 1990, Black Mountains crustal section, Death Valley extended terrain, California: *Geology*, v. 18, no. 6, p. 520-523. (T,G)
- Holm, D.K., Fleck, R.J., and Lux, D.R., 1994, The Death Valley turtlebacks reinterpreted as Miocene and Pliocene folds of a major detachment surface: *Journal of Geology*, v.102, p.718-727. T
- Holm, D.K., Geissman, J.W., and Lux, D.R., 1990, Paleomagnetic and Ar-Ar constraints on Tertiary uplift of the Black Mountains, Death Valley region, California: EOS, Transactions of the American Geophysical Union, v. 71, p. 1298. (T, G)
- Holm, D.K., Geissman, J.W., and Wernicke, B., 1993, Tilt and rotation of the footwall of a major normal fault system: paleomagnetism of the Black Mountains, Death Valley extended terrane, California: *Geological Society of America Bulletin*, v. 105, no. 10, p. 1373-1387.
- Holm, D.K., Pavlis, T.L., and Topping, D.J., 1994, Black Mountains crustal section, Death Valley extended terrane, California, *in* McGill, S.F., and Ross, T.M., eds., *Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook, Trip 2, San Bernardino, California*, p. 31-54.
- Holm, D.K., Snow, J.K., and Lux, D.R., 1992, Thermal and barometric constraints on the intrusive and unroofing history of the Black Mountains—Implications for timing, initial dip, and kinematics of detachment faulting in the Death Valley region, California: *Tectonics*, v. 11, p. 507-522. T
- Holm, D.R., 1995, Relation of deformation and multiple intrusion in the Death Valley extended region, California, with implications for magma entrapment mechanism: *Journal of Geophysical Research*, v. 100, p. 10,495-10,505. (M,T)
- Holm, K.E., and Downey, J.S., 1994, Diverse flow patterns in the aquifers of the Amargosa Desert and vicinity, southern Nevada and California: *Bulletin of the Association of Engineering Geologists*, v. 31, no. 1, p. 33-47.
- Holt, E.W., Taylor, H.P., Jr., and anonymous, 1996, Low- (super 18) O meteoric-hydrothermal signatures in groundmass and fiamme of fossil fumaroles of the 0.76 Ma Bishop Tuff, California: EOS [Transactions of American Geophysical Union], 1996 fall meeting, v. 77, p. 775.
- Holt, J.W., and Kirschvink, J.L., 1993, A detailed paleomagnetic study of the Upper Olduvai geomagnetic field reversal recorded by sediments in Death Valley, California: EOS Transaction (American Geophysical Union), v. 74, no. 43, p. 219.
- Holt, J.W., and Kirschvink, J.L., 1995, The upper Olduvai geomagnetic field reversal from Death Valley, California—A fold test of transitional directions: *Earth and Planetary Science Letters*, v. 133, p. 475-491..
- Holt, J.W., Pluhar, C., Kirschvink, J.L., et al., 1991, A detailed study of the upper Olduvai geomagnetic field reversal and its implications for transition field geometry: *Geological Society of America, Abstracts with Programs, annual meeting*, v. 23, no. 7, p. 92.
- Holzer, T.L., Youd, T.L., and Hanks, T.C., 1989, Dynamics of liquefaction during the 1987 Superstition Hills, California, earthquake: *Science*, v. 244, p. 56-59.
- Hooke, R.LeB. and Rohrer, W.L., 1979, Geometry of alluvial fans—Effect of discharge and sediment size: *Earth Surface Processes*, v. 4, p. 147-166. Q
- Hooke, R.LeB., 1965, Alluvial fans: Pasadena, California Institute of Technology, unpublished Ph.D. dissertation. (incomplete reference) (Q)
- Hooke, R.LeB., 1967, Processes on arid-region alluvial fans: *Journal of Geology*, v. 75, p. 438-460.
- Hooke, R.LeB., 1968, Steady-state relationships on arid-region alluvial fans in closed basins: *American Journal of Science*, v. 266, p. 609-629. Q
- Hooke, R.LeB., 1972, Geomorphic evidence for late-Wisconsin and Holocene tectonic deformation, Death Valley, California: *Geological Society of America Bulletin*, v. 83, p. 2073-2098. Q,T

- Hooke, R.LeB., 1972, Logs of boreholes in the Death Valley, California, salt pan: U.S. Department of Commerce, National Technical Information Service, Washington, D.C., (incomplete reference)
- Hooke, R.LeB., 1981, Correlation characteristics of surficial deposits with a description of surficial stratigraphy in the Nevada Test Site region: Denver CO, United States Geological Survey, United States Geological Survey Open-File Report 81-512, 27 p.
- Hooke, R.LeB., 1996, Shoreline features in the Mojave Desert, California, possibly from Lake Manly in Death Valley, suggest tectonic warping: Geological Society of America, Abstracts with Programs, 28th annual meeting, v. 28, p. 458-459.
- Hooke, R.LeB., 1998, Did Lake Manly overflow at Ash Hill?: *Earth Surface Processes and Landforms*, v. 23, p. 377-384. Q
- Hooke, R.LeB., and Dorn, R.I., 1992, Segmentation of alluvial fans in Death Valley, California: New insights from surface exposure dating: *Earth Surface Processes and Landforms*, v. 17, p. 557-574. Q,(T)
- Hooke, R.LeB., and Lively, R.S., 1979, Dating of Quaternary deposits and associated tectonic events by U/Th methods, Death Valley, California: Final report for National Science Foundation Grant EAR 79-19999, 21 p.
- Hooke, R.LeB., and Rohrer, W.L., 1977, Relative erodibility of source area rock types as determined by second order variations in alluvial-fan size: *Geological Society of America Bulletin*, v. 88, p. 1177-1187. Q
- Hooke, R.LeB., in prep., Lake Manly(?) shorelines in the eastern Mojave Desert, California: (Revised version being considered for publication by Quaternary Research) (incomplete reference) Q,T
- Hooke, R.LeB., Yang, H.-Y., and Weiblen, P.W., 1969, Desert varnish—An electron probe study: *Journal of Geology*, v. 77, p. 275-288. (Q)
- Hoover, D.B., Chornack, M.P., Nervick, K.H., and Broker, M.M., 1982, Electrical studies at the proposed Wahmonie and Calico Hills nuclear waste sites, Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Open-File Report 82-466, 45 p.
- Hoover, D.L., 1989, Preliminary description of Quaternary and late Pliocene surficial deposits at Yucca Mountain and vicinity, Nye County, Nevada: U.S. Geological Survey Open-File Report 89-359, 45 p.
- Hoover, D.L., and Morrison, J.N., 1980, Geology of the Syncline Ridge area related to nuclear waste disposal, Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Open File Report 80-942, 70 p.
- Hoover, D.L., Hay, R.L. and Hillhouse, J.W., 1982, Paleoclimates of the Amargosa Basin, Nevada-California: Geological Society of America, Cordilleran Section, 78th annual meeting, Abstracts with Programs, v. 14, p. 173.
- Hoover, D.L., Swadley, W.C., and Gordon, A.J., 1981, Correlation characteristics of surficial deposits with a description surficial stratigraphy in the Nevada Test Site region: U.S. Geological Survey Open-File Report 81-512, 27 p.
- Hopper, R.H., 1939, Paleozoic section in the Argus and Panamint ranges, Inyo County, California [Abstract]: *Geological Society of America Bulletin*, v. 50, p. 1952.
- Hopper, R.H., 1947, Geologic section from the Sierra Nevada to Death Valley, California: *Geological Society of America Bulletin*, v. 58, no. 5, scale 1:220,000, p. 393-432. T
- Hopper, Richard H., 1939, A geologic section from the Sierra Nevada to Death Valley, California: Unpublished Ph.D. Dissertation, California Institute of Technology, Pasadena, California. (incomplete reference)
- Horton, R.C., 1964, Hot springs, sinter deposits, and volcanic cinder cones in Nevada: University of Nevada at Reno, Mackay School of Mines, Nevada Bureau of Mines Map 25.
- Houghton, J.G., 1969, Characteristics of rainfall in the Great Basin: University of Nevada at Las Vegas, Desert Research Institute, 205 p.
- Houghton, S.G., 1968, The vanished lake in Death Valley: *Nevada Highways and Parks*, v. 28, p. 20-26.
- House, M.A., Wernicke, B.P., and Farley, K.A., 1998, Dating topography of the Sierra Nevada using apatite (U-Th)/He ages: *Nature*, v. 393, p. 66-69. (C)
- House, M.A., Wernicke, B.P., Farley, K.A., and Dumitru, T.A., 1997, Cenozoic thermal evolution of the central Sierra Nevada, California from (U-Th)/He thermochronometry: *Earth and Planetary Science Letters*, v. 151, p. 167-179. (C)
- Houser, F.N., 1964, Summary of geology and hydrology as related to underground testing capabilities of Nevada Test Site and environs: U.S. Geological Survey Technical Letter NTS-098, 10 p.
- Houser, F.N., and Poole, F.G., 1960, Preliminary geologic map of the Climax Stock and vicinity, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-328, 2 sheets, map scale 1:4,800.

- Howe, L.K., Lowenstein, T.K., and Ku, T.-L., 1996, 150 ka paleoclimate history and chemical evolution of evaporites, Saline Valley, California: Geological Society of America, Abstracts with Programs, v. 28, no. 7, p A457.
- Howell, P.W., 1970, The mystery of Death Valley's Race Track Playa: Geol. Soc. Oregon Country Newsletter, v. 36, no. 8, p. 58.
- Hsieh, J., Murray, B., and Reynolds, J., 1993, Confidence Hills, Death Valley, California—A stratigraphic approach to the study of climate changes: Abstracts of proceedings from the 7th annual Mojave Desert Quaternary research symposium and the Desert Studies Consortium Symposium, v. 40, no. 2, p. 26.
- Hsieh, J.C.C. and Murray, B.C., 1996, A difference from 24,000 year period climate signal in 1.7-2.0 million year old Death Valley strata: Earth and Planetary Science Letters, v. 141, p. 11-19.
- Hsieh, J.C.C., Murray, B.C. 1993, Continental climate change from 2.4 Ma to 1.6 Ma, a high resolution record from lake beds in Death Valley, California: Geological Society of America, Abstracts with Programs (annual meeting), v. 25, no. 6, p. 456.
- Hsieh, P.A., Bredehoeft, J.D., and Farr, J.M., 1987, Determination of aquifer transmissivity from earth tide analysis: Water Resources Research, v. 28, no. 10, p. 1824-1832.
- Hsu, E., and Wagner, D.L., 1987, Geologic map of the Trona-Kingman quadrangle, California: California Department of Conservation, Division of Mines and Geology, Division of Mines and Geology Regional Geologic Map Series Map no. 6A, Extent unknown 1:250,000.
- Hsu, E.Y., 1982, Reconnaissance geologic mapping, California Division of Mines and Geology Regional Geologic Mapping Project, unpublished scale 1:62,500. (incomplete reference)
- Hubbard, G.D., 1915, Death Valley: Journal of Geography, v. 13, p. 277-280.
- Hubbs, C.L., 1943, Mass hybridization between two genera of cyprinid fishes in the Mojave Desert, California: Papers, Mich. Ada. Sci., Arts, and Let., v. 28, no. 1942, p. 343-378.
- Hubbs, C.L., and Miller, R.R., 1948, The Great Basin With Emphasis On Glacial And Postglacial Times Ii. The Zoological Evidence, Correlation Between Fish Distribution And Hydrographic History In The Desert Basins Of Western United States.: Bulletin Of The University Of Utah, v. 38, no. 20, p. 1-166.
- Hubbs, C.L., and Miller, R.R., 1948, The zoological evidence: correlation between fish distribution and hydrographic history in the desert basins of western United States (in: The Great Basin, with emphasis on glacial and postglacial times): University of Utah Bulletin, v. 38, no. 20, p. 18-166.
- Huber, N.K., 1987, Late Cenozoic evolution of the upper Amargosa River drainage system, southwestern Great Basin, Nevada and California: U.S. Geological Survey Open-File Report 87-617, 26 p.
- Huddleston, R., 1986, Soil development differences on an alluvial toposequence, Chicago Valley, California, 56 pp. tabs.; ill.; graphs; maps.
- Hudson, M.R., 1992, Paleomagnetic data bearing on the origin of arcuate structures in the French Peak-Massachusetts Mountains area of Southern Nevada: Geological Society of America Bulletin, v. 104, p. 581-594.
- Hughes, Jerry L., 1966, Some aspects of the hydrogeology of the Spring Mountains and Pahrump Valley, Nevada, and environs, as determined by spring evaluation: Unpublished Masters Thesis, University of Nevada at Reno, Mackay School of Mines, 116 p.
- Hulin, C.D., 1934, Geologic features of the dry placers of the northern Mojave desert: California Journal of Mines and Geology, State Mineral Report 30, p. 417-426.
- Hunt, A., 1960, Archeology of the Death Valley salt pan, California: Salt Lake City, University of Utah, Department of Anthropology, Anthropological Papers, no. 47, 313 p. N, Q
- Hunt, A.G., 1996, Description and quantification of surface transport processes on a small hill in an arid environment: Geological Society of America, 28th annual meeting, Abstracts with Programs, , Abstracts with Programs, v. 28, p. 306.
- Hunt, C.B., 1960, Geologic mapping by helicopter: GeoTimes, v. 4, no. 7, p. 12-14, 40.
- Hunt, C.B., 1960, Interbasinal flow of ground water in the Death Valley region United States Geological Survey research: short papers in the geological sciences, 1960: United States Geological Survey, Extent unknown . (incomplete reference)
- Hunt, C.B., 1960, Some examples of geologic factors in plant distribution Short papers in the geological sciences, United States Geological Survey, United States Geological Survey Professional Paper 400-B, 515 p. with xerophytic desert holly at the foot.
- Hunt, C.B., 1960, The Death Valley salt pan, a study of evaporites Short papers in the geological sciences: Denver CO, United States Geological Survey, United States Geological Survey Professional Paper 400-B, 515 p.

- Hunt, C.B., 1965, Death Valley Trails, an historical view, 80 pp. maps; tabs.; ill. (incomplete reference)
- Hunt, C.B., 1965, General geologic map of Death Valley, California: Washington, DC, United States Geological Survey, 1 sheet, 1:96,000.
- Hunt, C.B., 1966, Hydrologic basin, Death Valley, California: a description of the hydrology, geochemistry, and patterned ground of the saltpan, United States Geological Survey, General Geology of Death Valley, California, United States Geological Survey Professional Paper 494-B, 138 p.
- Hunt, C.B., 1966, Plant ecology of Death Valley, California with a section on distribution of fungi and algae (by, L.W. Durrell.): U.S. Geological Survey Professional Paper 509, 68 p.
- Hunt, C.B., 1975, Death Valley—Geology, Ecology, and Archeology: Berkeley, University of California Press, 234 p.
- Hunt, C.B., and Durrell, L.W., 1966, Distribution of fungi and algae, *in* Plant ecology of Death Valley, California, United States Geological Survey, United States Geological Survey Professional Paper 509, 68 p.
- Hunt, C.B., and Mabey, D.R., 1966, General geology of Death Valley, California—Stratigraphy and structure, Death Valley, California: U.S. Geological Survey Professional Paper 494-A, map scale 1:96,000, 162 p., 3 pls. M, Q, T G,S
- Hunt, C.B., and Robinson, T.W., 1960, Possible interbasin circulation of ground water in the southern part of the Great Basin, *in* Short papers in the geological sciences: U.S. Geological Survey Professional Paper 400-B, p. B273-B274, 515 p.
- Hunt, C.B., and Washburn, A.L., 1960, Salt features that simulate ground patterns formed in cold climates Short papers in the geological sciences, United States Geological Survey, United States Geological Survey Professional Paper 400-B, 515 p.
- Hunt, C.B., and Washburn, A.L., 1966, Pattern ground, *in* Hunt, C.B., Robinson, T.W., Bowles, W.A., and Washburn, A.L., Hydrologic basin, Death Valley, California: U.S. Geological Survey Professional Paper 494-B, p. B104-B133.
- Hunt, C.B., Robinson, T.W., Bowles, W.A., and Washburn, A.L., 1966, Hydrologic basin, Death Valley, California: U.S. Geological Survey Professional Paper 494-B, 138 p., with 3 plates.
- Hunter, W.C., Spengler, R.W., and Brocher, T.M., 1993, Seismic reflection profiling: Essential geophysical data for Yucca Mountain, Nevada: Proceedings of the Fourth International High-level Radioactive Waste Management Conference, p. 1835-1839.
- Huntington, E., 1915, The Death Valley series: Washington, D.C., Carnegie Institute of Washington.
- Huntington, E., 1916, Death Valley and our future climate: Harpers, v. 132, p. 919-928.

I

- Iacumin, P., Bocherens, H., Mariotti, A., et al., 1996, An isotopic palaeoenvironmental study of human skeletal remains from the Nile Valley—Biogenic phosphates as paleoenvironmental indicators: v. 126, p. 15-30. (incomplete reference)
- Ibbeken, H., Warnke, D.A., and Diepenbroek, M., 1998, Granulometric study of the Hanaupah fan, Death Valley, California. Earth Surface Processes and Landforms, v. 23, p. 481-492. (Q,I)
- Imbrie, J., Hays, J.D., Martinson, D.G., McIntyre, A., Mix, A.C., Morley, J.J., Pisias, N.G., Prell, W.L., and Shackleton, N.J., 1984, The orbital theory of Pleistocene climate—Support from a revised chronology of the marine O record, *in* Berber and others, eds., Milankovitch and Climate, Part 1: Reidel Publishing Company, Netherlands, p. 269-305.
- Ingersoll, R.V., Walker, L.A. and Ingersoll, R.C., 1996, Bringing water to Los Angeles—A guidebook to the Los Angeles Aqueduct and the eastern Sierra Nevada: ESSSO? Guidebook, v. 16, p. 21. (incomplete reference)
- Izett, G.A., Obradovich, J.D., and Mehnert, H.H., 1988, The Bishop Ash bed (Middle Pleistocene) and some older (Pliocene and Pleistocene) chemically and mineralogically similar ash beds in California, Nevada, and Utah: U.S. Geological Survey Bulletin 1675, 37 p.

J

- Jachens, R.C., and Moring, B.C., 1990, Maps of thickness of Cenozoic deposits and the isostatic residual gravity over basement for Nevada: U.S. Geological Survey Open-File Report 90-404, scale 1:1,000,000. (G)

- Jachens, R.C., Simpson, R.W., Blakely, R.J., and Saltus, R.W., 1989, Isostatic residual gravity and crustal geology of the United States, *in* Pakiser, L.C., and Mooney, W.D., editors, *Geophysical framework of the continental United States: Geological Society of America Memoir 172*, p. 405–424. (T,G)
- Jackson, J.L., 1984, Structural and tectonic history of the Badwater turtleback, Black Mountains, southeastern California, 18 pp. graphs; ill.
- Jackson, J.A., and White, N.J., 1989, Normal faulting in the upper continental crust—Observations from regions of active extension: *Journal of Structural Geology*, v. 11, p. 15-36.
- Jaeger, E.C., 1958, River of the bitter waters [California]: *Desert Magazine*, v. 21, p. 24-27.
- Jahns, R.H., 1954, Investigations and problems of southern California geology, *in* Jahns, R.H., ed., *Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter I, Contribution 1*, p. 5-27.
- Jahns, R.H., and Engel, A.E., 1949, Pliocene breccias in the Avawatz Mountains, San Bernardino County, California [Abstract]: *Geological Society of America Bulletin*, v. 60, no. 12, p. pt. 2, 1940.
- Jahns, R.H., Troxel, B.W., and Wright, L.A., 1971, Some structural implications of a late Precambrian-Cambrian section in the Avawatz Mountains, California: *Geological Society of America, Abstracts With Programs*, v. 3, p. 140.
- Jahns, R.H., and Wright, L.A., 1960, The Garlock and Death Valley fault zones in the Avawatz Mountains, California [Abstract]: *Geological Society of America Bulletin*, v. 71, p. 2063.
- Jahns, R.H., 1954, Pegmatites of southern California, *in* Jahns, R.H., ed., *Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VII, Contribution 5*. P. 37-49.
- Jahns, R.h., ed., *Geology of southern California: California Division of Mines and Geology Bulletin 170, Map Sheet 16, scale 1:48,000 (incomplete reference)*
- Jakosky, J.J., 1950, *Exploration Geophysics: Los Angeles, California, Trija Publishing Company, 1195 p.* (G)
- James, G.D., 1905, Notes on Death Valley and Panamint Valley: *Eng. and Min. Jour.*, v. 80, p. 914-918.
- James, J.W., 1993, *Climate of the Death Valley Region, Nevada, California: State of Nevada, Office of the State Climatologist, University of Nevada at Reno, Nevada, 37 p., Appendix.*
- James, J.W., 1994, Official letter from John James to Death Valley National Monument Superintendent, February 1994, urging establishment of rain gage in Wildrose Canyon by using one of USGS Hydrologic Benchmark stations, 1 p.
- Jannik, N.O., Phillips, F.M., Smith, G.I., et al., 1991, A ³⁶Cl chronology of lacustrine sedimentation in the Pleistocene Owens River system: *Geological Society of America Bulletin*, v. 103, p. 1146-1159.
- Jansson, P., Jacobson, D., and Hooke, R.LeB., 1993, Playa areas in southern California and adjacent parts of Nevada: *Earth Surface Processes and Landforms*, v. 18, p. 109-119. Q
- Jarvis, Greg, and Finlay, Chris, 1994, Flood mitigation plan and environmental assessment, Scottys Castle, Death Valley National Monument, California: National Park Service, Denver Service Center, September 1994, 16 p., 3 Appendix.
- Jenkins, O.P., 1958, Geologic map of California, Death Valley sheet: California Division of Mines, scale 1:250,000.
- Jennings (Cite 1994 map)
- Jennings, C.W., 1958, Geologic map of California, Death Valley, Olaf P. Jenkins, ed.: California Division of Mines, scale 1:250,000, 1 sheet.
- Jennings, C.W., 1975, Fault map of California with locations of volcanoes, thermal springs, and thermal wells: California Division of Mines and Geology, Geologic Data Map Number 1, 1 sheet.
- Jennings, C.W., 1977, Geologic map of California: California Division of Mines and Geology Geologic Map No. 2, scale 1:750,000. (M,Q,S)
- Jennings, C.W., 1995, New fault map of California and adjacent areas: *California Geology*, v. 48, p. 31-42.
- Jennings, C.W., and Strand, R.G., 1963, Index to graduate thesis on California geology to December 31, 1961: California Division of Mines and Geology, Special Report 74, 39 p.
- Jennings, C.W., compiler, 1961, Geologic map of California—Kingman sheet: California Division of Mines and Geology, scale 1:250,000, 1 sheet.

- Jennings, C.W., Burnett, J.L., and Troxel, B.W., 1963, Geologic map of California, Trona sheet: San Francisco, CA, California Division of Mines and Geology, 1 sheet + explanatory data sheet, 1:250,000. (incomplete reference)
- Jennings, C.W., Strand, R.G., Rogers, T.H., Stinson, M.C., Burnett, J.L., Kahle, J.E., Streitz, R., and Stinson, R.A., 1975, Fault map of California with locations of volcanoes, thermal springs and thermal wells: California Division of Mines and Geology, California Geologic Map Series, scale 1:750,000.
- Jennings, S.A., and Elliott-Fisk, D.L., 1993, Packrat midden evidence of late Quaternary vegetation change in the White Mountains, California-Nevada: *Quaternary Research*, v. 39, p. 214-221.
- Jennings, C.W., 1985, An explanatory text to accompany the 1:750,000-scale fault and geologic maps of California: California Department of Conservation, Division of Mines and Geology Bulletin 201, 197 p., 2 pls. M, S
- Jennings, C.W., Burnett, J.L., and Troxel, B.W., compilers, 1962, Geologic map of California—Trona sheet: Sacramento, California Department of Conservation, Division of Mines and Geology, 2 sheets, scale 1:250,000. M, S, T
- Jennings, C.W., compiler, 1992, Preliminary fault activity map of California: California Department of Conservation, Division of Mines and Geology Open-File Report 92-3, scale 1:750,000, text 76 p. N
- Jet Propulsion Laboratory of Pasadena, California, and Bureau of Land Management, 1976, Untitled: Landsat landcover data for Death Valley.
- Johannesson, K.H., 1996, Solution and surface complexation of the rare earth elements and implications for their use as geochemical tracers of regional groundwater mixing: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 469.
- Johannesson, K.H., Lyons, W.B., Stetzenbach, K.J., et al., 1995, The solubility control of rare earth elements in natural terrestrial waters and the significance of PO (super 3-) (sub 4) and CO (super 2-) (sub 3) in limiting dissolved rare earth concentrations—A review of recent information: *Aquatic Geochemistry*, v. 1, p. 157-173.
- Johannesson, K.H., Stetzenbach, K.J., and Hodge, V.F., 1997, Rare earth elements as geochemical tracers of regional groundwater mixing: *Geochimica et Cosmochimica Acta*, v. 61, p. 3605-3618.
- Johannesson, K.H., Stetzenbach, K.J., Frum, C.I., et al., 1994, Geochemistry and speciation of the rare earth elements in groundwater from Ash Meadows, Nevada, and Death Valley, California: EOS [Transactions of American Geophysical Union], 1994 spring meeting, v. 75, p. 149.
- Johannesson, K.H., Stetzenbach, K.J., Hodge, V.F., and Kremer, D.K., and Zhou, X., Delineation of groundwater flow systems in the Southern Great Basin using aqueous rare earth element distributions: In review by *Ground Water*. (incomplete reference)
- Johannesson, K.H., Stetzenbach, K.J., Hodge, V.F., et al., 1996, Rare earth element complexation behavior in circumneutral pH groundwaters, assessing the role of carbonate and phosphate ions: *Earth and Planetary Science Letters*, 139, 305-320.
- Johannesson, K.H., Stetzenbach, K.J., Kremer, D.K., et al., 1996, Multivariate statistical analysis of arsenic and selenium concentrations in groundwaters from south-central Nevada and Death Valley, California: *Journal of Hydrology*, v. 178, p. 181-204.
- Johannesson, K.H., Zhou, X., Stetzenbach, K.J., et al., 1995, Rare earth element distributions in groundwaters and evidence of interbasin flow in the desert southwest: Geological Society of America, 1995 annual meeting, Abstracts with Programs, v. 27, p. 96.
- John, D.A., Nash, J.T., Plouff, D., and Whitebread, D.H., 1991, The conterminous United States mineral appraisal program: background information to accompany folio of geologic, geochemical, geophysical, and mineral resources maps of the Tonopah 1 by 2 degree sheet: U.S. Geological Survey Circular 1070, 16 p.
- Johnson, B.K., 1957, Geology of a part of the Manly Peak quadrangle, southern Panamint Range, California: California University Department of Geological Sciences, v. 30, no. 5, p. 353-423, map scale 1:50,000.
- Johnson, B.K., 1954, Geology of a part of Manly Peak quadrangle, southern Panamint Range, California: Unpublished Ph.D. dissertation, University of California at Los Angeles. (incomplete reference)
- Johnson, C.A., 1980, Environmental controls on occurrence and chemistry of groundwater in a carbonate terrane of eastern Nevada: University of Nevada at Las Vegas, Desert Research Institute Publication No. 41066, 55 p., 3 Appendix.
- Johnson, D.W., 1932, Rock plains in arid regions: *Geographical Review*, v. 22, p. 656-665.
- Johnson, Edward Allison, 1971, Geology of a part of the southeastern side of the Cottonwood Mountains, Death Valley, California, Houston TX, Rice University, 81p.

- Johnson, Edward A., 1968, Structural geology of the south Mazourka Canyon area, Inyo County, California: Unpublished Masters thesis, San Jose State University, San Jose, California. (incomplete reference)
- Johnson, L.C., 1976, Range extension of three conifers and a dwarf mistletoe in the Panamint Mountains, Death Valley National Monument.: *Madrono*, v. 23, no. 7, p. 402-403.
- Johnson, L.C., 1993, Micrometeorological measurements at Ash Meadows and Corn Creek Springs, Nye and Clark counties, Nevada, 1986-1987, United States Department of the Interior, Geological Survey, extent unknown .
- Johnson, L.C., 1957, Geology of the Atomic Energy Commission proving grounds area, Nevada, United States Geological Survey, United States Geological Survey Bulletin 1021-K, Extent unknown .
- Johnson, L.C., 1994, Ground-water discharge by evapotranspiration in a desert environment of Southern Nevada, 1987, US Geological Survey, Water-Resources Investigations Report 94-4124, 21 pages.
- Johnson, M.J. and Pupacko, A., 1992, Micrometeorological measurements at Ash Meadows and Corn Creek springs, Nye and Clark counties, Nevada, 1986-87: U.S. Geological Survey Open-File Report (3 diskettes). (incomplete reference)
- Johnson, M.J., 1993, Micrometeorological measurements at Ash Meadows and Corn Creek Springs, Nye and Clark Counties, Nevada, 1986-87: U.S. Geological Survey Open-File Report 92-650, 41 p., 3 diskettes.
- Johnson, M.J., 1994, Ground-water discharge by evapotranspiration in a desert environment of southern Nevada, 1987: U.S. Geological Survey Water-Resources Investigations Report 94-4124, 20 p.
- Johnson, R.G., and Wright, H. E., Jr., (Response by Winograd, Isaac J. and Coplen, Tyler B.), 1989, Great Basin calcite vein and the Pleistocene time scale: American Association for the Advancement of Science, October 13, 1989, v. 246, p. 262-263.
- Johnson, R.G., 1991, Hydrogeologic study of the Black Mountains area, Death Valley National Monument, California: Las Vegas, NV, Mifflin & Associates, Inc., 112 p.
- Johnson, R.G., 1989, Hydrogeologic study of the Black Mountains area, Death Valley National Monument, California: Las Vegas, NV, Mifflin & Associates, Inc., 101 p.
- Johnson, R.G., 1968, United States Geological Survey tracer study, Amargosa Desert, Nye County, Nevada, United States Geological Survey, United States Geological Survey Open-File Report, Extent unknown .(incomplete reference)
- Johnson, R.J., Mifflin, M.D., and Adenle, O.A., 1989, Hydrogeologic study of the Black Mountains area, Death Valley National Monument, California: Las Vegas, Nevada, Mifflin & Associates, 101 p. (incomplete reference)
- Johnston, Edward Allison, 1971, Geology of a part of the southeastern side of the Cottonwood Mountains, Death Valley, California: Unpublished Ph.D. dissertation, Rice University, Houston, Texas. (incomplete reference)
- Johnston, R.H., 1968, Exploratory drilling, tracer well construction and testing, and preliminary findings, part 1, *in* U.S. Geological Survey tracer study, Amargosa Desert, Nye County, Nevada: U.S. Geological Survey Open-File Report, 64 p. (H)
- Johnston, R.H., 1968, U.S. Geological Survey tracer study, Amargosa Desert, Nye County, Nevada—Part I. Exploratory drilling, tracer well construction and testing, and preliminary findings: U.S. Geological Survey Report USGS-474-098 [Amargosa Tracer-001], 64 p. Available only from national Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.
- Jones, B.F., 1965, The hydrology and mineralogy of Deep Springs Lake, Inyo County, California: U.S. Geological Survey Professional Paper 302-A. 56 p.
- Jones, B.F., 1966, Geochemical evolution of closed basin water in the western Great Basin, *in* Rau, J.C., ed., Second Symposium on Salt: Northern Ohio Geological Society, Cleveland, Ohio, p. 181-200.
- Jones, B.F., 1982, Mineralogy of fine grained alluvium from borehole U11G, Expl. 1, northern Frenchman Flat area, Nevada Test Site: U.S. Geological Survey Open-File Report 82-765, 9 p.
- Jones, B.F., Doval, M., Calvo, J.P., et al., 1986, Clay mineral authigenesis in lacustrine closed basins, comparison of the Madrid Basin with U.S. occurrences [abs.]: SEPM Annual Midyear Meeting, 1986, v. 3, p. 58.
- Jones, B.F., 1961, Zoning of saline minerals at Deep Spring Lake, California Geological Survey research, 1961: short papers in the geologic and hydrologic sciences, articles 1-146: United States Geological Survey, United States Geological Survey Professional Paper 424-B, 344 p.
- Jones, Blair F., 1963, Hydrology and mineralogy of Deep Spring Lake, Inyo County, California: Unpublished Ph.D. dissertation, Johns Hopkins University, Baltimore, Maryland. (incomplete reference)

- Jones, C.H., Wernicke, B.P., Farmer, G., Walker, J., Coleman D., McKenna, L., and Perry, F., 1992, Variations across and along a major continental rift—An interdisciplinary study of the Basin and Range province, western USA: *Tectonophysics*, v. 213, p. 57-96.
- Jones, C.H., and others, 1987, A geophysical investigation of the northern Panamint Valley, Inyo County, California —Evidence for possible low-angle normal faulting at shallow depth in the crust : *Journal of Geophysical Research*, v. 92, p. 10427-10441.
- Jones, D.L., 1988, Waulsortian facies of the Tin Mountain Limestone at Bat Mountain, California, Riverside CA, University of California, Riverside. (incomplete reference)
- Jones, D.L., Cooper, J.D., Albright, G., et al., 1989, Stop 3B, Waulsortian facies of the Tin Mountain Limestone at Bat Mountain *in* *Cavalcade of carbonates: Society of Economic Paleontologists and Mineralogists Field Trip Guidebook, Pacific Section*, v. 61, p. 47-58.
- Jones, J.S., Bryant, S.H., Lewontin, R.C., and others, 1981, Gene flow and the geographical distribution of molecular polymorphism in *Drosophila pseudoobscura*: *Genetics*, v. 98, p. 157-178.
- Joshua Tree National Park, 1990, GIS information [collection].(incomplete reference)
- 1984, Mineral resources and resource potential of the Owlshhead Mountains Wilderness Study Area, San Bernardino County, California, United States Department of the Interior, Geological Survey.

K

-
- Kahle, A.B., 1981, Geologic application of Thermal Inertia Imaging using HCMM data: Pasadena CA, National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, 199 p.
- Kahle, A.B., 1982, Evaluation of thermal data for geologic applications: Pasadena CA, National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, 106 p.
- Kahle, A.B., 1987, Surface emittance, temperature, and thermal inertia derived from thermal infrared multispectral scanner (TIMS) data for Death Valley, California: *Geophysics*, July 1987, v. 52, no. 7, p. 858-874.
- Kahle, A.B., and Goetz, A.F., 1983, Mineralogic information from a new airborne thermal infrared multispectral scanner: *Science*, October 7, 1983, v. 222, no. 4619, p. 24-27.
- Kahle, A.B., and Walker, R.E., 1984. Calculation of emissivity and thermal inertia at Death Valley, California, from TIMS data. *Proceedings Canadian Symposium on Remote Sensing* 9, p. 337-345. (I,G)
- Kahle, A.B., Gillespie, A.R., Abrams, M.J. Bartholomew, M.J., Nash, D.B., Palluconi, F.D., Paylor, E.D., and Shumate, M.S., 1984. Discrimination of age and compositional units of alluvial fans in Death Valley, California. *Geological Society of America Abstracts with Programs*, 553. (I,Q)
- Kahle, A.B., Gillespie, A.R., and Goetz, A.F.H., 1976. Thermal inertia imaging: A new geologic mapping tool. *Geophysical Research Letters*. v. 3, p. 26-28. (I)
- Kahle, A.B., Shumate, M.S., and Nash, D.B., 1984, Active airborne infrared laser system for identification of surface rock and minerals: *Geophysical Research Letters*, v. 11, no. 11, p. 1149-1152.
- Kane, T.G., III, Bauer, D.J., and Martinez, C.M., 1994, Streamflow and selected precipitation data for Yucca Mountain region, southern Nevada and eastern California, water years 1986-90: U.S. Geological Survey Open-File Report 94-312, 118 p.
- Karazhanov, N.A., 1963, The kinetics of the dissolution of borates and other natural salts: *Journal of Applied Chemistry, USSR*, v. 36, p. 2560-2567.
- Karlstrom, K.E., Miller, C.F., Kingsbury J.A., and Wooden, J.L., 1993, Pluton emplacement along an active ductile thrust zone, Puite Mountains, eastern California—Interaction between deformational and solidification processes: *Geological Society of America Bulletin*, v. 105, p. 213-230.
- Kaufmann, R.F., 1972, Hydrologic and water quality effects of industrial effluent disposal on alluvial fans in southern Nevada: *Geological Society of America, Abstracts with Programs*, v. 4, no. 7, p. 558.
- Kaufmann, R.F., compiler, 1973, Draft environmental analysis record proposed clay mining and processing in the Amargosa Desert Nevada-California: 199 p. (incomplete reference)
- Kay, F.R., 1969, Habitat Preference, Responses To Environment, And Activity Patterns Of Lizards At Saratoga Springs, Death Valley National Monument, California., Univ. Nev. (Las Vegas); M.S.

- Kay, F.R., 1970, Environmental Responses Of Active Lizards At Saratoga Springs, Death Valley, California.: *Great Basin Nat.*, v. 30, no. 3, p. 146-165.
- Kay, F.R., 1970, *Leptotyphlops Humilis* In Death Valley, California.: *Great Basin Nat.*, v. 30, no. 2, p. 91-93.
- Keating, G. N., 1986, A preliminary study of uplifted sediments in the Amargosa River Valley, California, 21 pp. maps; ill.; graphs.
- Keener, C., Serpa, L.F., and Pavlis, T.L., 1993, Faulting at Mormon Point, Death Valley, California—A low-angle normal fault cut by high-angle faults: *Geology*, v. 21, no. 4, p. 327-330.
- Keener, C., Serpa, L.F., Pavlis, T.L., et al., 1990, Late Cenozoic faulting at Mormon Point Turtleback, Death Valley, California: *Geological Society of America, Abstracts with Programs (Cordilleran Section)*, v. 22, no. 3, p.34.
- Keener, Charles, 1990, *Geology and geophysics of the fault systems at Mormon Point, Death Valley, California*, University of New Orleans, New Orleans, Louisiana. (incomplete reference)
- Keller, F.B., 1971, Determination of tectonic strain in Death Valley and Fish Lake Valley, California. (incomplete reference)
- Keller, F.B., 1972, Tectonic strain determination in Death Valley and Fish Lake Valley, California.(incomplete reference)
- Keller, M., Cooper, J.D., 1996, The "forgotten dolomites" of southern Nevada and southeastern California, vital clue to sequence stratigraphic interpretation of the Lower-Middle Ordovician succession, southern Great Basin: *American Association of Petroleum Geologists*, 1996 annual convention, v. 5, p. 74.
- Keller, R.P., 1975, Determination of recent tectonic strain along fault zones in southern California.(incomplete reference)
- Keller, W.D., 1963, Diagenesis in clay minerals—A review: *International Series, Monographs in Earth Sciences*, v. 13, p. 136-157.
- Kelley, J.S., and Stevens, C.H., 1975, Nature and regional significance of thrust faulting in the southern Inyo Mountains, eastern California: *Geology*, v. 3, p. 524-526.
- Kelley, V.C., 1937, *Geology and ore deposits of the Darwin silver-lead mining district, Inyo County, California*: Unpublished Ph.D. dissertation, California Institute of Technology, Pasadena, California. (incomplete reference).
- Kelley, V.C., 1937, Origin of the Darwin silver-lead deposits: *Economic Geology*, v. 32, p. 987-1008.
- Kelley, V.C., 1938, *Geology and ore deposits of the Darwin silver-lead mining district, Inyo County, California*: *Calif. Jour. Mines and Geology*, v. 34, p. 503-563.
- Kennedy, E., 1982, *Death Valley*.: *Oregon Rockhound Bulletin.*, v. 34, no. 1, p. 15-18.
- Kennett, J.P., 1990, The younger Dryas cooling event—An introduction: *Paleoceanography* v. 5, p. 891-895.
- Kesse, Godfried O., 1963, *Fauna of the Hidden Valley Dolomite (Silurian), Death Valley, California*: Unpublished Masters thesis, University of Southern California, Los Angeles, California. (incomplete reference)
- Kesseli, J.E. and Beaty, C.B., 1959, *Desert Flood Conditions in the White Mountains of California and Nevada*: U.S. Army, Environmental Protection Research Division, Technical Report EP-108, 107 p.
- Keyes, C.R., 1909, Borax deposits of the United States, *American Institute Minerals and Metall. Engineering Tr.*, v. 40, p. 674-710. (incomplete reference)
- Keyes, C.R., 1922, Death Valley section of boraciferous terranes: *Pan American Geologist*, v. 37, p. 410-411.
- Keyes, C.R., 1923, Type localities for sundry Nevada terranes: *Pan-American Geology*, v. 40, p. 79.
- Keyes, C.R., 1931, Greenwater volcanic around Death Valley: *American Geologist*, v. 56, p. 215-220.
- Keyes, C.R., 1931, Greenwater volcanics around Death Valley: Cedarian series of Iowa, Position of Shakopee dolomite: *Pan-American Geologist*, v. 56, p. 315-320.
- Keyes. C.R., 1923, *Geology of Nevada*: *Pan-American Geology*, v. 40, p. 35-64.
- Khoury, H.N., 1979, Mineralogy and chemistry of some unusual clay deposits in the Amargosa Desert, southern Nevada. (incomplete reference)
- Khoury, H.N., and Eberl, D., 1981, Montmorillonite from the Amargosa Desert, southern Nevada, U.S.A.: *Neues Jahrbuch fuer Mineralogie, Abhandlungen*, v. 141, p. 134-141.
- Khoury, H.N., and Eberl, D.D., 1979, Bubble-wall shards altered to montmorillonite: *Clays and Clay Minerals*, v. 27, p. 291-292.

- Khoury, H.N., Eberl, D.D., and Jones, B.F., 1982, Origin of magnesium clays from the Amargosa Desert, Nevada: *Clays and Clay Minerals*, v. 30, p. 327-336.
- Kiefer, E., and Mabesoone, J.M., 1994, Silt and clay generation at active plate margins, an example of v. diffusion?: 14th International Sedimentological Congress Abstracts, v. 14, F.9 - F.10.
- Kieren-Young, K.S., and Kruse, F.A., 1992?, Extraction of quantitative surface characteristics from AIRSAR data for Death Valley, California. 46-48. (incomplete reference)
- Kieren-Young, C.S., and Kruse, F.A., 1991. Quantitative investigations of geologic surfaces utilizing airborne visible/ infrared imaging spectrometer (AVIRIS) and polarimetric radar (AIRSAR) data for Death Valley, California, Proceedings of the Thematic Conference on Geologic Remote Sensing 8, Denver, Colorado, April 29-May 2, 1991: Environmental Research Institute of Michigan, Ann Arbor, MI, p. 495-506, (I)
- Kiesling, E., 1991, Ground-water conditions in Amargosa Desert, Nevada-California, 1952-87, United States Geological Survey, United States Geological Survey Water-Resources Investigations Report 89-4101, 93 p.
- Kiesling, E., and Perkins, M., 1988, Death Valley region references [published by California Division of Mines and Geology, and published by others] Gregory, Jennifer L., and Baldwin, E. Joan, Editors, *Geology of the Death Valley region*, South Coast Geological Society, Inc., p. 421-423, 429 p.
- Kilroy, K.C., 1991, Ground water conditions in Amargosa Desert, Nevada-California, 1952-87: U.S. Geological Survey Water-Resources Investigations Report 89-4101, 93 p., with 4 plates, 1:250,000 scale.
- Kilroy, K.C., and Savard, C.S., 1996, Geohydrology of Pahute Mesa-3 test well, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 95-4239, 44 p.
- King, G., and Ellis, M., 1990, The origin of large local uplift in extensional regions: *Nature*, v. 348, p. 689-693.
- King, P.B., and Beikman, H.M., 1974, *Geologic map of the United States*: U.S. Geological Survey, scale 1:2,500,000. (Q,S,M)
- Kingsley, Kenneth James, 1981, *Mammals Of The Grapevine Mountains, Death Valley National Monument.*, Univ. Nev. (Las Vegas); M.S. (incomplete reference)
- Kinn, C.L., Jiracek, G.R., Park, S.K., et al., 1995, Magnetotelluric signature of Basin and Range extension in the Death Valley region, California: EOS [Transactions of American Geophysical Union], 1994 fall meeting, v. 76, p. 306.
- Kinsman, D.J.J., 1976, Evaporites—Relative humidity control of primary mineral facies: *Journal of Sedimentary Petrology*, v. 46, p. 273-279.
- Kirk, E., 1918, Stratigraphy of the Inyo Range, *in* A geologic reconnaissance of the Inyo Range and the eastern slope of the Sierra Nevada, California, United States Geological Survey, United States Geological Survey Professional Paper 110, 130 p.
- Kirk, L.G., 1952, The Racetrack mystery: *Westways*, v. 44, no. 2, p. 24-25.
- Kirk, L.G., 1952, Trails and rocks observed on a playa in Death Valley National Monument, California: *Journal of Sedimentary Petrology*, v. 22, no. 3, p. 173-181.
- Kirk, R., 1965, *Exploring Death Valley* (2d edition): Stanford University Press.(incomplete reference)
- Kirk, R.E., 1953, The moving rocks of Death Valley [California]: *Natural History*, v. 62, p. 320-323.
- Kirk, R.E., 1956, Mystery at the Racetrack: *Ford Times*, v. 48, no. 10, p. 23-25.
- Kirk, S.T., and Campana, M.E., 1988, Simulation of groundwater flow in a regional carbonate-alluvial system with sparse data—The White River flow system, southeastern Nevada: University of Nevada, Desert Research Institute Publication 41115, 76 p.
- Kirk, S.T., and Campana, M.E., 1990, A deuterium-calibrated groundwater flow model of a regional carbonate-alluvial system: *Journal of Hydrology*, v. 119, p. 357-388.
- Kirsch, S.A., 1971, Chaos structure and turtleback dome, Mineral Ridge, Esmeralda County, Nevada: *Geological Society of America Bulletin*, v. 82, p. 3169-3176.
- Kirschvink, J.L., 1978, Mineral report for the Amargosa paydirt #6 through #15 and #19 placer mining claims in, Death Valley National Monument, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report for the IT unpatented lode mining claim, Death Valley National Monument, California, National Park Service, 5+ pages.

- Kirschvink, J.L., 1978, Mineral report for the unpatented Ore Grande, Ore Grande ext #1, Black Prince, Black Prince Ext #1, Little Golden Princess, Little Golden Princess ext #1, Crown Canyon, Crown Canyon ext #1, Iron Horse and White Stallion lode mining claims, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Amargosa number one thru number thirty-two placer mining claims, Death Valley National Monument, San Bernardino County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Golden treasure lode mining claim and redeamer lode mining claim, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Louricha lode mining claim, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Overlook #1 lode mining claim, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Pal lode mining claim, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Queen Azule lode mining claim, Queen Lazuhle Lode mining claim, Queen of light lode mining claim, Kyanite Queen lode mining claim, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Spring #1-4 lode mining claims, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., 1978, Mineral report mining claim validity report for the unpatented Valley View lode mining claim, Death Valley National Monument, Inyo County, California, National Park Service, 5+ pages.
- Kirschvink, J.L., and Holt, J.W., 1994, Multiple high-resolution records of geomagnetic field reversals from Plio-Pleistocene sediments in the Confidence Hills, Death Valley, California.
- Kistler, R.B., and Smith W.C., 1975, Boron and borates, *in* Industrial minerals and rocks: Seeley Mud Series, American Institute of Mining, Metallurgical, and Petroleum Engineers Publication. (incomplete reference)
- Kistler, R.W., 1968, Potassium-argon ages of volcanic rocks in Nye and Esmeralda Counties, Nevada, in Nevada Test Site: Geological Society of America Memoir 110, p. 251-262.
- Kistler, R.W., Bateman, P.C., and Brannock, W.W., 1965, Isotopic ages of minerals from granitic rock of the central Sierra Nevada and Inyo Mountains, California: Geologic Society of America Bulletin, v. 76, no. 2, p. 155-164, 1 plate, map scale 1:441,000
- Klein, G. deV., 1975, Paleotidal range sequences, Middle Member, Wood Canyon formation (late Precambrian), eastern California and western Nevada, *in* Ginsburg, R. N., Editor, Tidal deposits: New York, NY, Springer-Verlag, p. p. 171-177, Extent unknown.
- Kleinhampl, Frank J., and Ziony, Joseph I., 1985, Geology of Northern Nye County, Nevada: University of Nevada at Reno, Nevada Bureau of Mines and Geology, Bulletin 99A, 160 p.
- Klinger, R.E., 1996, Evaluation and characterization of Quaternary faulting on the Death Valley and Furnace Creek faults, Death Valley, California. Final report: Yucca Mountain Project Activity 8.3.1.17.4.3.2, 98 pages.
- Klinger, R.E., 1998, Beatty beach bar complex: bar evolution, soil development and their implications regarding the activity rate of the Furnace Creek fault—Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology: PSSAC 1998 Annual Meeting, Death Valley, California, March 5-8, p. 55-64.
- Klinger, R.E., 1998, Active folding and faulting in the Texas Spring syncline [Day 2, Stop 5 of a field tour, Death Valley National Monument], *in* Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology: PSSAC 1998 Annual Meeting, Death Valley, California, March 5-8, p. 106-111.
- Klinger, R.E., 1998, Air-borne salts and their influence on soil development and fault scarp degradation and preservation [Day 1, Stop 2A of a field tour, Death Valley National Monument], *in* Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology: PSSAC 1998 Annual Meeting, Death Valley, California, March 5-8, p. 35-42.
- Klinger, R.E., 1998, Beatty Junction beach bar complex: bar evolution, soil development and their implications regarding the activity rate of the Furnace Creek fault [Day 2, Stop 1B of a field tour, Death Valley National Monument], *in* Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology: PSSAC 1998 Annual Meeting, Death Valley, California, March 5-8, p. 55-64.

- Klinger, R.E., 1998, Late Quaternary alluvial stratigraphy, soil geomorphology, and tephrochronology of northern Death Valley, California—Implications for activity on the Furnace Creek fault, Boulder CO, University of Colorado. (incomplete reference)
- Klinger, R.E., and Anderson, L.W., 1994, Topographic profiles and their implications for late Quaternary activity on the Bare Mountain fault, Nye County, Nevada: Geological Society of America Abstracts with Programs, v. 26, no. 2, p. 63-64.
- Klinger, R.E., and Piety, L.A., 1994, Late Quaternary slip on the Death Valley and Furnace Creek faults, Death Valley, California: Geological Society of America Abstracts with Programs, v. 26, no. 7, p. 189.
- Klinger, R.E., and Piety, L.A., 1996, Evaluation and characterization of Quaternary faulting on the Death Valley and Furnace Creek faults, Death Valley, California: Yucca Mountain Project Activity 8.3.1.17.4.3.2, Seismotectonics Report 96-10, Seismotectonics and Geophysics Section, U.S. Bureau of Reclamation, Technical Service Center, Denver, Colorado, 98 p.
- Klinger, R.E., and Piety, L.A., 1996, Late Quaternary activity on the Furnace Creek fault, northern Death Valley, California: Geological Society of America Abstracts with Programs, v. 28, no. 7, p. 193.
- Klinger, R.E., and Piety, Lucille A., 1994, Seismotectonic evaluation of the Death Valley-Furnace Creek Fault Zone, Death Valley, California: (Yucca Mountain Project, Activity 8.3.1.17.4.3.2): Bureau of Reclamation, Technical Service Center, Seismotectonics and Geophysics Group, Denver, Colorado, Seismotectonic Report 94-10, 13 p.
- Klingman, D.S., 1987, Depositional environments and paleogeographic setting of the middle Mississippian section in eastern California, San Jose, CA, San Jose State University, 231 pp. photos; maps; ill.; graphs.
- Knapp, J., Mahood, G.A., Sabisky, M., et al., 1983, The Hall Canyon zoned pluton, Panamint Range, California: EOS [Transactions of American Geophysical Union], 1983 fall meeting, v. 64, no. 45, p. 879.
- Knepper, D.H., Jr., Langer, W.H. and Miller, S., 1995, A survey of natural aggregate properties and characteristics important in remote sensing and airborne geophysics: Nonrenewable Resources, v. 4, p. 99-120.
- Knight, A.J, Lawrence, C.L, and Kellam, J.O, 1993, The restless stones of Racetrack Playa, Death Valley National Monument, California., Anonymous, Abstracts with Programs Geological Society of America., Reno, NV, 1993, p. 63.
- Knopf, A., 1914, The Darwin silver-lead mining district, California: United States Geological Survey Bulletin, v. 580-A, p. 1-18.
- Knopf, A., 1918, A geologic reconnaissance of the Inyo Range and the eastern slope of the southern Sierra Nevada, California [with a section on the stratigraphy of the Inyo Range, by Edwin Kirk], United States Geological Survey, United States Geological Survey Professional Paper 110, 130 p.
- Knott, J., 1974, Mineral report of the Blue Bell Group, Death Valley National Monument, Inyo County, California, National Park Service, 15+ pages.
- Knott, J., 1974, Mineral report of the Hanging Cliff Claim and Millsite Claim, Death Valley National Monument, Inyo County, California, National Park Service, 15+ pages.
- Knott, J., 1998, Mormon Point [Day 1, Stop 2B of a field tour, Death Valley National Monument], *in* Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology, Furnace Creek Ranch Resort, Death Valley, CA, March 5 1998-March 8 1998, p. 43-48.
- Knott, J., 1998, Natural Bridge area [Day 1, Stop 4 of a field tour, Death Valley National Monument], *in* Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology, Furnace Creek Ranch Resort, Death Valley, CA, March 5 1998-March 8 1998, p. pages 49-51.
- Knott, J.R., 1996, Early to Middle Pleistocene Paleogeography and Pluvial Lakes at Mormon Point, Central Death Valley, California: Geological Society of America Abstracts with Programs, Annual Meeting, October, Denver, Colorado. (incomplete reference)
- Knott, J.R., 1998, Late Cenozoic tephrochronology, stratigraphy, geomorphology, and neotectonics of the western Black Mountains pie Death Valley, California—Implications for the spatial and temporal evolution of the Death Valley fault zone: Riverside, Califor University of California Riverside, unpublished Ph. D. dissertation, 407 p., scales of accompanying maps 1:62,500 and 1:24,000
- Knott, J.R., Sarna-Wojcicki, A.M., Meyer, C.E., Tinsley, J.C.III., Wan, E., and Wells, S.G., 1996, Late Neogene stratigraphy of the Black Mountains piedmont, eastern California—Implications for the geomorphic and neotectonic evolution of Death Valley: Geological Society of America, Abstracts with Programs, v. 28, no. 5, p. 82.
- Knott, J.R., Sarna-Wojcicki, A.M., Meyer, C.E., Tinsley, J.C., III, Wells, S.G., and Wan, E., 1999, Late Cenozoic stratigraphy and tephrochronology of the western Black Mountains piedmont, Death Valley, California—Implications for the tectonic development of Death Valley, *in* Wright, L.A., and Troxel, B.W., eds., Cenozoic Basins of the Death Valley Region: Geological Society of America Special Paper 333. (incomplete reference)

- Knott, J.R., Sarna-Wojcicki, A.M., Meyer, C.E., Tinsley, J.C., III, Wells, S.G., and Wan, Elmira, (in press), Late Cenozoic stratigraphy and tephrochronology of the western Black Mountains piedmont, Death Valley, California—Implications for the tectonic development of Death Valley, in Wright, L.A., and Troxel, B.E., Cenozoic basins of the Death Valley region: (incomplete reference)
- Knott, J.R., Sarna-Wojcicki, A.M., Meyer, C.E., Wan, Elmira, Tinsley, J.C., III, and Wells, S.G., 1996a, Late Neogene stratigraphy of the Black Mountains piedmont, eastern California—Implications for the geomorphic and neotectonic evolution of Death Valley: Geological Society of America Abstracts with Programs, v. 28, p. 82.
- Knott, J.R., Sarna-Wojcicki, A.M., Montanez, I.P., and Geissman, J.W., 1997, Differentiating the upper Pliocene Mesquite Spring tuffs from the middle Pleistocene Bishop ash bed, Death Valley, California—Implications for reliable correlation of the Bishop ash bed: EOS [Transactions of the American Geophysical Union] Fall Meeting. (incomplete reference)
- Knott, J.R., Tinsley, J.C., III, Wells, S.G., 1997, Quaternary faulting across the 180-ka abrasion platform at Mormon Point, Death Valley, California—Scarps vs. strandlines: Geological Society of America Abstracts with Programs, v. 29, no. 6, p. 437. (incomplete reference)
- Knott, J.R., Wells, S.G., Sarna-Wojcicki, A.M., Tinsley, J.C., III, and Meyer, C.E., 1996, Early to middle Pleistocene paleogeography and pluvial lakes at Mormon Point, central Death Valley, California: Geological Society of America Abstracts with Programs, v. 28, p. A-458.
- Knowles, P.H., 1974, Mineral report of the Blue Bell group, Death Valley National Monument, Inyo County, California: National Park Service Report. (incomplete reference)
- Knowles, P.H., 1974, Mineral report of the Hanging Cliff claims, Death Valley National Monument, Inyo County, California: National Park Service Report. (incomplete reference)
- Knowles, P.H., 1975, Mineral appraisal of the Hidden Treasure Group of Lees Camp, Death Valley National Monument, California: National Park Service Report. (incomplete reference)
- Knox Bergman Shearer Corp., no date, Areal geology of the Furnace Creek Borate Area, Inyo and San Bernadino Counties, California: Denver, CO, Knox Bergman Shearer Corp., 1 sheet, 1:24,000. (incomplete reference)
- Knox, J.B., Rawson, D.E., and Korver, J.A., 1965, Analysis of a groundwater anomaly created by an underground nuclear explosion: Journal of Geophysical Research, v. 70, no. 4, p. 823-835.
- Knox, Robert, 1963, Cenozoic deposits of Emigrant Canyon area, Panamint Range, California: Unpublished Masters thesis, University of Southern California, Los Angeles, 101p.
- Knuepfer, P.L.K., 1989, Implications of the Characteristics of End-Points of Historical Surface Fault Ruptures for the Nature of Fault Segmentation, U. S. Geological Survey Open File Report, Conference on Fault Segmentation.
- Koehler, J.H., and Ballog, A.P., 1979, Sources of powerplant cooling water in the desert area of southern California—Reconnaissance study: California Department of Water Resources Bulletin 91-24, 53 p.
- Koehler, J.H., and Mallory, M.J., 1981, Addendum to Sources of powerplant cooling water in the desert area of southern California—Reconnaissance study: US Geological Survey Open-File Report 81-527, 28 p.
- Koehler, P.A., and Anderson, R.S., 1995, Thirty thousand years of vegetation changes in the Alabama Hills, Owens Valley, California: Quaternary Research, v. 43, p. 238-248.
- Koehler, P.A., and Reynolds, J.C., 1991, Vegetation changes east of the Range of Light, evidence for a pluvial high stand of Owens Lake during the Wisconsin glaciation by the occurrence of Rocky Mountain juniper: Abstracts of proceedings from the 5th annual Mojave Desert Quaternary Research Symposium, v. 38, 49.
- Kolesar, P.T., 1984, Development of banding in calcite veins precipitated from groundwater: Geological Society of America, 97th meeting, 16, 564.
- Kolesar, P.T., 1989, Calcite deposits in Devil's Hole, Nevada—A record of the fall and rise of the water table in the southern Great Basin: Geological Society of America, Cordilleran Section, 85th annual meeting and Rocky Mountain Section, 42nd annual meeting, Abstracts with Programs, v. 21, p. 103.
- Kolm, K.E., and Downey, J.S., 1994, Diverse flow patterns in the aquifers of the Amargosa Desert and vicinity, southern Nevada and California: Bulletin of the Association of Engineering Geologists, v. 31, no. 1, p. 33-47.

- Kolm, K.E., Turner, A.K., and Downer, J.S., 1990 Design of a three-dimensional computer model for the regional ground-water flow system, Southern Nevada and Death Valley, California, USA: Rotterdam, A.A. Balkema, Proceedings Sixth International Congress International Association of Engineering Geology, p. 55-64.
- Kraeger-Rovey, C., Marsden-Terry, S., Nagel, M., and Scott, P., 1994, Calibration of the northeast panel of the Department of Interior detailed regional model: Water and Environmental Systems Technology Inc., Technical Memorandum DRAFT. (incomplete reference)
- Kral, V.E., 1951, Mineral resources of Nye County, Nevada: University of Nevada Bulletin, v. 45, no. 3, p. 1-223.
- Krauskopf, K.B., 1971, Geologic map of the Mt. Barcroft quadrangle, California–Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-960, scale 1:62,500. M
- Kreamer, D.K., Hodge, V.F., Rabinowitz, I., Johannesson, K.H., and Stetzenbach, K.J., 1993, Principal component analysis of trace elements in water from selected springs in Death Valley National Monument: 23+ p. (incomplete reference)
- Kreamer, D.K., Hodge, V.F., Rabinowitz, I., Johannesson, K.H., and Stetzenbach, K.J., 1996, Trace element geochemistry in water from selected springs in Death Valley National Park, California: Ground Water, v. 34, no. 1, January-February 1996, no. 1, p. 95-103.
- Krier, D.J., Harrington, C.D., Raymond, R., Jr., and Reneau, S.L., 1990, Pitfalls in the construction of rock varnish cation-ratio dating curves for young volcanic fields—Examples from the Cima volcanic field, CA: EOS [Transactions of American Geophysical Union], v. 71, no. 43, p. 1341-1342.
- Krinsley, D., Dorn, R., and Tovey, N.K., 1995, Nanometer-scale layering in rock varnish: implications for genesis and paleoenvironmental interpretation: The Journal of Geology, v. 103, p. 106-113.
- Krinsley, D.H., and Dorn, R.I., 1991, New eyes on eastern California rock varnish: California Geology, p. 107-114.
- Kruse, F.A., 1986, Digital mapping of alteration zones in a hydrothermal system using Landsat Thematic Mapper data: an example from the northern Grapevine Mountains, Nevada/California (Summary), *in* editor unknown, Proceedings, International Symposium on Remote Sensing of Environment, Thematic Conference on Remote Sensing for Exploration Geology, 5th, p. 393.
- Kruse, F.A., 1987, Mapping hydrothermally altered rocks in the northern Grapevine Mountains, Nevada and California with the Airborne Imaging Spectrometer, *in* Proceedings of the 3rd Airborne Imaging Spectrometer Data Analysis Workshop, 1987?, p. 148-166.
- Kruse, F.A., 1988, Use of Airborne Imaging Spectrometer data to map minerals associated with hydrothermally altered rocks in the northern Grapevine Mountains, Nevada and California: Remote Sensing of Environment, v. 24, no. 1, p. 31-51.
- Kruse, F.A., 1990, Analysis of Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) data for the northern Death Valley region, California/Nevada, *in* AVIRIS Workshop, June 4 1990, p. 100-106.
- Kruse, F.A., 1991, Integration of visible-through microwave-range multispectral image data sets for geologic mapping, *in* Proceedings of the 5th International Colloquium - Physical Measurements and Signatures in Remote Sensing, Courchevel, France, January 14 1991-January 18 1991, p. Pages 481-486.
- Kruse, F.A., 1996, Geologic mapping using combined Landsat TM, Thermal Infrared Multispectral Scanner (TIMS), and SIR-C/X-SAR data: IEEE Transactions Geoscience and Remote Sensing (in revision). I, M (incomplete reference)
- Kruse, F.A., 1996. Geologic mapping using combined optical remote sensing and SIR-C/ X-SAR data, *in* Proceedings of the Thematic Conference on Geologic Remote Sensing 11: Environmental Research Institute of Michigan. Ann Arbor, MI, p. II.142-II.150, (I,M)
- Kruse, F.A., and Dietz, J.B., 1991, Integration of diverse remote sensing data sets for geologic mapping and resource exploration: Earth and Atmospheric Remote Sensing, v. SPIE Vol. 1492, p. 326-337.
- Kruse, F.A., and Kierein-Young, K.S., 1990, Mapping lithology and alteration in the northern Death Valley region, California and Nevada, with the thermal infrared multispectral scanner (TIMS), *in* TIMS Workshop, June 6 1990, p. Pages 75-81.
- Kruse, F.A., Geologic mapping using combined analysis of airborne visible/infrared imaging spectrometer (AVIRIS) and SIR-C/X-SAR Data, Proceedings of SPIE, Imaging Spectrometry II, Denver, CO, 1996, p. 24-35.
- Kruse, F.A., Lefkoff, A.B., and Dietz, J.B., 1993, Expert System-Based Mineral Mapping in northern Death Valley, California/Nevada using the Airborne Visible/Infrared Imaging Spectrometer (AVIRIS): Remote Sensing of Environment, Special issue on AVIRIS, v. 44, p. 309-336. (I)

- Kruse, S., McNutt, M., Phipps-Morgan, J., Royden, L., and Wernicke, B.P., 1991, Lithospheric extension near Lake Mead, Nevada—A for ductile flow in the lower crust: *Journal of Geophysical Research*, v. 96, p. 4435-4456. (T)
- Ku, T.-L., Bull, W.B., Freeman, S.T., and Knauss, K.G., 1979, Th²³⁰-U²³⁸ dating of pedogenic carbonates in gravelly desert soils of Vidal Valley, southeastern California: *Geological Society of America Bulletin*, v. 90, p. 1063-1073.
- Ku, T.L., Luo, S., Lowenstein, T.K., Li, J., Spencer, R.J., 1994, U-series chronology for lacustrine deposits of Death Valley, California—Implications for late Pleistocene climate changes: *Geological Society of America, Abstracts with Program*, v. 26, no. 7, p. 169.
- Ku, T., Luo, S., Lowenstein, T.K., Li, J., and Spencer, R.J., 1998, U-Series chronology of lacustrine deposits in Death Valley, California: *Quaternary Research*, v. 50, p. 261-275.
- Kume, Jack, and Hammermeister, Dale P., 1991, Geohydrologic data from drill-bit cuttings and rotary cores from Test Hole USW UZ-13, Yucca Mountain area, Nye County, Nevada: *U.S. Geological Survey Open-File Report 90-362*, 30 p.
- Kundert, C.J., 1955, Geologic map of California, Death Valley Sheet: State of California, Department of Natural Resources, Division of Mines, *Geologic Map of California, State Map Sheet D*, 1 sheet, 1:250,000.
- Kunkel, F., 1963, A brief summary of ground water in the Furnace Creek Wash area, Death Valley National Monument, California: *U.S. Geological Survey Administrative Report*, 7 p.
- Kunkel, F., 1963, A proposal for a ground-water reconnaissance of Eureka Valley, California: *U.S. Geological Survey*. (incomplete reference)
- Kunkel, F., 1966, A geohydrologic reconnaissance of the Saratoga Spring area, Death Valley National Monument, California, United States Geological Survey, *United States Geological Survey Open-File Report 66-74*, 27 p.
- Kunkle, F., 1959, Report on exploratory drilling at Death Valley National Monument, Inyo County, California: *US Geological Survey Administrative Report*, 14 p., 2 plates..
- Kunzmann, M.R., Johnson, R.R, and Bennett, P.S., 1989, Tamarisk control in southwestern United States: Tucson, Arizona: University of Arizona, Cooperative National Park Resources Studies Unit, *Special Report No. 9*, 141 p.
- Kupfer, D.H., 1954, Geology of the Silurian Hills, San Bernardino County: California Division of Mines and Geology, *Geology of southern California, California Division of Mines and Geology Bulletin 170*, 1 sheet about 1 in. = 3000 ft.
- Kupfer, D.H., 1960, Thrust faulting and chaos structure, Silurian Hills, San Bernardino County, California: *Geological Society of America Bulletin*, v. 71, no. 1, p. 181-214, map scale 1:9,600.
- Kupfer, D.H., 1994, Selected ground-water data for Yucca Mountain Region, Southern Nevada and Eastern California, through December 1992, *US Geological Survey, Open-File Report 94-54*, 161 p.
- Kupfer, D.H., 1996, Selected ground-water data for Yucca Mountain Region, Southern Nevada and Eastern California, through December 1995, *US Geological Survey, Open-File Report 96-553*, 75 p.
- Kwicklis, E.M., Thamir, Falah, Healy, R.W., and Hampson, David, 1998, Numerical simulation of air- and water-flow experiments in a block of variably saturated, fractured tuff from Yucca Mountain, Nevada: *U.S. Geological Survey Water-Resources Investigations Report 97-4274*, 64 p.
- Kyser, K., Hay, R.L. and Teague, T.T., 1981, Isotopic composition of carbonates and clays in the Amargosa Desert, Nevada and California: *Geological Society of America, 94th annual meeting, Abstracts with Programs*, v. 13, p. 492.

L

-
- La Camera, R.J., and Locke, G.L., 1998, Selected ground-water data for Yucca Mountain region, southern Nevada and eastern California, through December 1996: *U.S. Geological Survey Open-File Report 97-821*, 79 p.
- La Camera, R.J., and Westenburg, C.L., 1994, Selected ground-water data for Yucca Mountain Region, southern Nevada and eastern California, through December 1992: *U.S. Geological Survey Open-File Report 94-54*, 161 p., 1 plate.
- La Camera, R.J., Westenburg, C.L. and Locke, G.L., 1996, Selected ground-water data for Yucca Mountain Region, southern Nevada and eastern California, through December 1995: *U.S. Geological Survey Open-File Report 96-553*, 20 p., 8 tables, 1 plate.
- Labotka, J.C., 1988, Uplift of the Panamint Mountains, California, and the exposure of the Panamint metamorphic complex [Abstract]*Geological Society of America, Abstracts, 84th annual meeting, Cordilleran Section, Geological Society of America, Geological Society of America*, p. 174.

- Labotka, T.C., 1978, Geology of the Telescope Peak Quadrangle, California and late Mesozoic regional metamorphism, Death Valley area, California, 352 p. maps; graphs; photos; ill.
- Labotka, T.C., 1980, Petrology of a medium-pressure regional metamorphic terrane, Funeral Mountains, California: *American Mineralogist*, v. 65, p. 670-689. C
- Labotka, T.C., 1981, Petrology of an andalusite-type regional metamorphic terraine, Panamint Mountains, California: *Journal of Petrology*, v. 22, p. 261-296.
- Labotka, T.C., 1982, Phase equilibria in calcic schists from a low-pressure, regional metamorphic terrain: Geological Society of America, 95th annual meeting, Abstracts with Programs, v. 14, p. 538.
- Labotka, T.C., 1987, The garnet + hornblende isograd in calcic schists from an andalusite-type regional metamorphic terrain, Panamint Mountains, California: *Journal of Petrology*, v. 28, p. 323-354.
- Labotka, T.C., 1988, Geology of the Telescope Peak Quadrangle, Central Panamint Mountains, California. in Gregory, J.L., and Baldwin, E.J., eds., *Geology of the Death Valley Region: South Coast Geological Society Annual Field Trip Guidebook #16*, p. 103-109.
- Labotka, T.C., 1988, Mesozoic thermal history of the Panamint Mountains, Death Valley area, California: Geological Society of America 1988, Abstracts with Programs, v. 20, p. 17.
- Labotka, T.C., 1988, Regional metamorphism in the Funeral Mountains, Death Valley, California. in Gregory, J.L., and Baldwin, E.J., eds., *Geology of the Death Valley Region: South Coast Geological Society Annual Field Trip Guidebook #16*, p. 217-223
- Labotka, T.C., Albee, A.L. and Ernst, W.G., 1988, Metamorphism and tectonics of the Death Valley region, California and Nevada: Metamorphism and crustal evolution of the Western United States: Rubey colloquium on Metamorphism and crustal evolution of the Western United States, v. 7, p. 715-736. (incomplete reference)
- Labotka, T.C., Albee, A.L. and Wernicke, B.P., 1990, Uplift and exposure of the Panamint metamorphic complex, California: Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada: Geological Society of America, Memoir 176, p. 345-362.
- Labotka, T.C., Albee, A.L., Lanphere, M.A., and McDowell, S.D., 1980, Stratigraphy, structure and metamorphism in the central Panamint Mountains (Telescope Peak quadrangle), Death Valley area, California: Geological Society of America Bulletin, v. 91, Part I, p. 125-129, Part II, no. 3, p. 843-933.
- Labotka, T.C., and Albee, A.L., 1990, Uplift and exposure of the Panamint metamorphic complex, California, in Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada, Geological Society of America, Geological Society of America Memoir 176, 511 pages.
- Labotka, T.C., and Albee, A.L., 1976, Paleogeography and paleotectonics of the Late Precambrian Pahrump Group, Panamint Mountains, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 8, p. 996-997.
- Labotka, T.C., and Albee, A.L., 1977, Late Precambrian depositional environment of the Pahrump Group, Panamint Mountains, California, in Short contributions to California geology, California Division of Mines and Geology, California Division of Mines and Geology Special Report 129, 106 p.
- Labotka, T.C., and Albee, A.L., 1978, Contrast in metamorphic facies in the Panamint and Funeral mountains, Death Valley area, California: Geological Society of America, Cordilleran Section, 74th annual meeting, Abstracts with Programs, v. 10, p. 112-113.
- Labotka, T.C., and Albee, A.L., 1988, Metamorphism and tectonics of the Death Valley region, California and Nevada, in Ernst, W.G., ed., *Metamorphism and crustal evolution of the western United States: Rubey Volume VII*, New Jersey, Prentice-Hall, Englewood Cliffs, p. 714-736.
- Labotka, T.C., and Albee, A.L., 1990. Uplift and exposure of the Panamint metamorphic complex, California, In Basin and Range Extensional Tectonics Near the Latitude of Las Vegas, Nevada, B.P. Wernicke, ed., Geological Society of America Memoir 176, p. 345-362. (T,I)
- Labotka, T.C., and Warasilla, R.L., 1983, Ages of metamorphism in the central Panamint Mountains, California: a ^{39}Ar - ^{40}Ar study: Geological Society of America, Abstracts With Programs, v. 15, p. 437.
- Labotka, T.C., Gregory, J.L. and Baldwin, E.J., 1988, Regional metamorphism in the Funeral Mountains, Death Valley, California: *Geology of the Death Valley region*: p. 217-223. (incomplete reference)

- Labotka, T.C., Souza, P.A., Nabelek, P.I., et al., 1993, Fluid infiltration during low-pressure regional metamorphism of the Johnnie Formation, Panamint Mountains, California: Geological Society of America, 1993 annual meeting, Abstracts with Programs, v. 25, p. 325.
- Labotka, T.C., Warasila, R. and Schaeffer, O.A., 1981, Effects of polymetamorphism on K/Ar ages of single mineral grains in pelitic schists and amphibolites: Geological Society of America, 94th annual annual meeting, Abstracts with Programs, v. 13, p. 493.
- Labotka, T.C., Warasila, R.L., and Spangler, R.R., 1985, Polymetamorphism in the Panamint Mountains, California,—An Ar³⁹/Ar⁴⁰ Ar study: Journal of Geophysical Research, v. 90, no. B12, p. 10,359-10,371.
- Labotka, Theodore Charles, 1978, Geology of the Telescope Peak quadrangle, California and late Mesozoic regional metamorphism, Death Valley area, California: Unpublished Ph.D. dissertation, California Institute of Technology, Pasadena, California, 352 p.
- Labounty, J.F.A.D.J.E., 1972, /Cyprinodon Milleri/, A New Species Of Pupfish (Family Cyprinodontidae) From Death Valley, California.: Copeia, no. 4, p. 769-780.
- Labounty, J.F.A.D.J.E., 1985, Hydrocarbon plume detection at Stovepipe Wells, California [Draft]: Las Vegas, NV, Environmental Monitoring Systems Laboratory, Office of Research and Development, United States Environmental Protection Agency, 75+ p.
- Lachenbruch, A.H., and Sass, J.H., 1978, Models of extending lithosphere and heat flow in the Basin and Range province: Geological Society of America Memoir 152, p. 209-250.
- Lachenbruch, A.H., Sorey, M.L., Lewis, R.E., and Sass, J.H., 1976, The near-surface hydrothermal regime of Long Valley caldera: Journal of Geophysical Research, v. 81, p. 763-768.
- Lacznik, R.J., Cole, J.C., Sawyer, D.A., and Trudeau, D.A., 1996, Summary of hydrogeologic controls on ground-water flow at the Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 96-4109, 54 p., 4 plates.
- Lahoud, R.G., Lobmeyer, D.H., and Whitfield, M.S., Jr., 1984, Geohydrology of volcanic tuff penetrated by test well UE-25b#1, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 84-4253, 44 p.
- Lakin, H.W., Hunt, C.B., Davidson, D.F., and others, 1963, Variation in minor-element content of desert varnish Geological Survey research, 1963: short papers in geology and hydrology: United States Geological Survey, United States Geological Survey Professional Paper 475-B, 219 p.
- Lakin, H.W., Hunt, C.B., Davidson, D.F., and others, 1979, Hydrologic data, 1974-77, Stovepipe Wells Hotel area, Death Valley National Monument, Inyo County, California, United States Geological Survey, United States Geological Survey Open-File Report 79-203, 19 p.
- LaMarche Jr., V.C., and Hirschboeck, K.K., 1984, Frost rings in trees as records of major volcanic eruptions: Nature, v. 307, p. 121-126.
- LaMarche, V.C., Jr., 1965, Distribution of Pleistocene glaciers in the White Mountains of California and Nevada: U.S. Geological Survey Professional Paper 525-C, p. C146-C147.
- LaMarche, V.C., Jr., 1973, Holocene climatic variations inferred from treeline fluctuations in the White Mountains, California: Quaternary Research, v. 3, p. 632-660.
- LaMarche, V.C., Jr., and Harlan, T.P., 1973, Accuracy of Tree Ring Dating of Bristlecone Pine for Calibration of the Radiocarbon Time Scale: Journal of Geophysical Research, v. 78, no. 36, p. 8849-8858.
- Lamb, Charles E., and Downing, D. J., 1979, Hydrologic data, 1974-77, Stovepipe Wells Hotel area, Death Valley National Monument, Inyo County, California. Menlo Park, California: U.S. Geological Survey Open-file Report 79-203, 19 p.
- Lancaster, Nicholas, 1994, Studies of Quaternary eolian deposits of the Mojave Desert, California, in McGill, S.F., and Ross, T.M., eds., Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook, p. 172-175.
- Landwehr, J.M., Szabo, B.J., Ludwig, K.R., and others, 1990, Continuous 500,000-year climatic record from Great Basin vein calcite: 3. Stochastic analysis of oxygen-18 and carbon-13 time series: The Geological Society of America Abstracts With Programs, v. 22, no. 7, p. A209.
- Landye, J.J., 1973, Status of the inland aquatic and semi-aquatic mollusks of the American southwest. (incomplete reference)
- Landye, J.J., 1977, Aquatic organisms and the proposed Travertine Springs water supply system, Death Valley National Monument. (incomplete reference)

- Landye, J.J., 1983, Recent aquatic manipulations in California and Nevada and their effects on endemic gastropods, *in* Pister, Edwin P., Editor, Proceedings of the Desert Fishes Council, various meeting places, 1970, p. p. 311-313.
- Landye, J.J., November 29 1976, letter to Peter G. Sanchez, Death Valley National Monument: Tempe AZ. 3 pages.
- Langbein, W.B., 1961, Salinity and hydrology of closed lakes: U.S. Geological Survey Professional Paper 413, 20 p.
- Langenheim, R.L., Jr., Barnes, J.A., Delise, K.C., and others, 1956, Middle and Upper (?) Ordovician rocks of Independence quadrangle, California: American Association of Petroleum Geologists Bulletin, v. 40, no. 9, p. 2081-2097.
- Langenheim, R.L., Jr., Schulmeister, M.K. and Hill, M.L., 1987, Virgin River Gorge, boundary between the Colorado plateau and the Great Basin in northwestern Arizona: Cordilleran section of the Geological Society of America, Centennial Field Guide, v.1, p. 43-46.
- Langenheim, V.E., 1995, Constraints on the structure of Crater Flat as inferred from gravity and magnetic data: U.S. Geological Survey Circular, in press. (T,G)
- Langenheim, V.E., 1995, Magnetic and gravity studies of buried volcanic centers in the Amargosa Desert and Crater Flat, Southwest Nevada: U.S. Geological Survey Open-File Report. (incomplete reference)
- Langenheim, V.E., and Ponce, D.A., 1994, Gravity and magnetic investigations of Yucca Wash, southwest Nevada: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, v. 4, p. 2272-2278
- Langenheim, V.E., in review, Constraints on the structure of Crater Flat, southwest Nevada, derived from gravity and magnetic data: U.S. Geological Survey manuscript
- Langenheim, V.E., Kirchoff-Stein, K.S., and Oliver, H.W., 1993, Geophysical investigations of buried volcanic centers near Yucca Mountain, southwest Nevada: Proceedings of the Fourth International High-level Radioactive Waste Management Conference, p. 1840-1846.
- Langer, Arthur M., 1965, Mineralogy and physical properties of Mojave Desert playa crusts: Unpublished Ph.D. dissertation, Columbia University, New York, New York. (incomplete reference)
- Langer, W.H., Moyle, W.R., Woolfenden, L.R., and Mulvihill, D.A., 1984, Maps showing ground-water levels, springs, and depth to ground water, Basin and Range Province, southern California: U.S. Geological Survey Water-Resources Investigations Report 83-4119-B, map scale 1:500,000.
- Langille, G.B., 1974, Problematic calcareous fossils from the Stirling Quartzite, Funeral Mountains, Inyo County, California: Geological Society of America, Cordilleran Section, 70th Annual Meeting, Abstracts with Programs, v. 6, p. 204-205.
- Lanphere, J.A., Wasserburg, G.J.F., Albee, A.L., and Tilton, G.R., 1964, Redistribution of Sr and Rb isotopes during metamorphism, World Beater Complex, Panamint Range, California, *in* Craig, H., Miller, S.L., and Wasserburg, G.J.F., eds., Isotopic and Cosmic Chemistry: Amsterdam, Holland, North Holland Publishing Company, p. 258-320.
- Lanphere, M.A., 1962, Part I. Geology of the Wildrose area, Panamint Range, California, Part II. Geochronologic studies in the Death Valley-Mojave Desert region, California: Unpublished Ph.D. dissertation, California Institute of Technology, Pasadena, California, 171 p.
- Lanphere, M.A., and Dalrymple, G.B., 1967, K-Ar and Rb-Sr measurements on P-207, the U.S.G.S. interlaboratory standard muscovite *Geochemica et Cosmochemica Acta*, v. 31, p. 1091-1094.
- Lanphere, M.A., and Wasserburg, G.J., 1961, Age measurements of the Precambrian rocks of the Death Valley-Mojave Desert region, California [Abstract], *in* Program, American Geophysical Union meeting, Los Angeles, CA, December 27 1961-December 29 1961, p. 49.
- Lanphere, M.A., Wasserburg, G.J., Albee, A.L., and Tilton, G.R., 1964, Redistribution of strontium and rubidium isotopes during metamorphism, World Beater Complex, Panamint Range, California, *in* Craig, H., and others, eds., Isotopic and Cosmic Chemistry Amsterdam, North Holland Publishing Company, p. 269-320.
- Lanphere, M.A., Wasserburg, G.J., Albee, A.L., et al., 1963, Isotopic and petrologic study of the reconstitution of Precambrian gneiss of the Panamint Range, California, during Cretaceous Time: Geological Society of America Special Paper 73. (incomplete reference)
- Larson, J.D., 1974, Water-resources data collected in the Devils Hole area, Nevada, 1972-73: U.S. Geological Survey Water-Resources Investigations 61-73, 30 p.
- Larson, J.D., 1974, Water-resources data collected in the Devils Hole area, Nevada, 1973-74: U.S. Geological Survey Open-File Report 74-330, 19 p.

- Larson, J.D., 1975, Water-resources data collected in the Devils Hole Area, Nevada, 1974-75: U.S. Geological Survey Open-File Report, 9 p., 7 figures, 1 Table.
- Latschar, J.A., 1981 Historic resource study a history of mining in Death Valley National Monument, v. II: National Park Service, Denver Service Center, March 1981, two volumes (parts).
- Lattman, L.H., and Simonberg, E.M., 1971, Casehardening of carbonate alluvium and colluvium, Spring Mountain, Nevada: *Journal of Sedimentary Petrology*, v. 41, p. 274-281.
- LaViolette, J.W., and others, 1980, Quaternary displacement on the western Garlock Fault, southern California, *in* Fife, D. L., and Brown, A. R., Editors, *Geology and mineral wealth of the California desert: Santa Ana, CA, South Coast Geological Society, South Coast Geological Society Field Trip Guidebook No. 8*, p. Location unknown, Extent unknown.
- Law, Ben E., 1971, Pennsylvanian-Permian conodont succession from the Bird Spring Formation, southeastern California: Unpublished Masters thesis, San Diego State University, San Diego, California. (incomplete reference)
- Lawson, Cliff, 1996, *A travellers guide to Death Valley National Park: Death Valley, CA, Death Valley Natural History Association*, 43 p.
- Leap, D.I., 1982, Testing bromide as a surrogate for tritium in tracing ground-water movement through a dolomitic aquifer: Geological Society of America, 95th annual meeting, Abstracts with Programs, v. 14, p. 543.
- Leap, D.I., 1993, Solute transport characteristics of fractured dolomite in southern Nevada, USA: High level radioactive waste management: Proceedings of the Fourth annual international conference on high level radioactive waste management, v. 4, p. 1141-1145.
- Lecari, Gerald R., 1971, Paleontology and paleoecology of the Proterozoic Beck Spring Dolomite of eastern California: Unpublished Ph.D. dissertation, University of California at Los Angeles. (incomplete reference)
- Lecce, S.A., 1991, Influence of lithologic erodibility on alluvial fan area, White Mountains, California and Nevada: *Earth Surface Processes and Landforms*, v. 16, p. 11-18.
- Ledley, T.S., 1995, Summer solstice solar radiation, the 100 kyr ice age cycle, and the next ice age: *Geophysical Research Letters*, v. 22, p. 2745-2748.
- Lee, B., 1930, Death Valley geology, p. 185-206. (incomplete reference)
- Leech, H.B., 1949, New species and subspecies of nearctic water beetles (Coleoptera: Dytiscidae and Hydrophilidae): *The Wasmann Collector*, v. 7, no. 6, p. 243-256.
- Leeder, M.R., and Jackson, J.A., 1993, The interaction between normal faulting and drainage in active extensional basins, with examples from the western United States and central Greece: *Basin Research*, v. 5, p. 79-102.
- Leeman, William P., 1969, Late Cenozoic basalts from the basin-range province, western United States: Unpublished Masters thesis, Rice University, Houston, Texas. (incomplete reference)
- Lefond, S.J., and Barker, J.M., 1980, Borates—Past, present and future: Private Consultants, American Institute of Mining Engineers, Society of Mining Engineers, Annual Meeting, Los Vegas, Nevada, February 24-28, 1980, 4 p.
- Lehman, L.L., and Atkins, R.G., 1974, Mineral report for the Easter and Easter #2 lode mining claims in Death Valley National Monument California, National Park Service, 15+ pages.
- Lehman, L.L., and Atkins, R.G., 1974?, Mineral report on the South Independence, South Independence No. 1, East Independence, Independence No.1, Independent, Independent No. 2, and Independent No. 3, National Park Service, 25+ pages. (incomplete reference)
- Lehman, L.L., and Atkins, R.G., 199?, Analysis of water levels in Devils Hole, southwestern Nevada. (incomplete reference)
- Lehman, L.L., and Atkins, R.G., No date in citation, Tungsten deposits in Tungsten Hills, Inyo County, California, United States Geological Survey, Extent unknown . (incomplete reference)
- Lehman, Linda, Rice, Jay, and Keen, Kerry, 1990, Cosine components in water levels, Yucca Mountain, Nevada: Private Consultant, L. Lehman and Associates, Inc., International Waste Management Symposium, Nuclear Regulatory Commission/Department of Energy/University of Arizona, Tucson, Arizona, February 1990, 17 p.
- Lemmer, R.E., Jr., Schweig, E.S., III and anonymous, 1991, Estimating the relative ages of offset alluvial fans in southern Panamint Valley, California: Geological Society of America, Cordilleran Section, 87th annual meeting, Abstracts with Programs, v. 23, p. 73.

- Leszykowski, A.M., 1985, Mineral resources of the Panamint Dunes Wilderness Study Area (BLM No. CDCA-127), Inyo County, California: (incomplete reference)
- Levivas, Eddie, March 11 1982, letter to National Park Service: 5 pages.
- Levy, M., and Christie-Blick, N., 1991, Tectonic subsidence of the early Paleozoic passive continental margin in eastern California and southern Nevada: *Geological Society of America Bulletin*, v. 103, p. 1590-1606.
- Levy, M., Christie-Blick, N., and Dickinson, W.R., 1987, Tectonic subsidence analysis of the Paleozoic passive margin in eastern California and adjacent Nevada: *Geological Society of America, Abstracts with Programs*, v. 19, p. 745.
- Levy, S.S., 1991, Mineralogic alteration history and paleohydrology at Yucca Mountain, Nevada: High-level radioactive waste management, *Proceedings of the Second International Conference*, p. 477. (incomplete reference)
- Lewis, C.J., Wernicke, B.P., Selverstone, J., and Bartley, J.M., 1999, Deep burial of the footwall of the northern Snake Range décollement Nevada: *Geological Society of America Bulletin*, v. 111, p. 39-51. (C)
- Lewis, J.V., 1942, Salt prospects for Basic Magnesium, Incorporated, Las Vegas, Nevada. (incomplete reference)
- Lewis, M., Wittman, C., and Stevens, C.H., 1983, Lower Triassic marine sedimentary rocks in east-central California, *in* Gurgel, K. D., Editor, *Geologic excursions in stratigraphy and tectonics: from southeastern Idaho to the southern Inyo Mountains, California via Canyonlands and Arches national parks, Utah* (Geological Society of America Guidebook, Part II), Utah Geological and Mineral Survey, Utah Geological and Mineral Survey Special Studies 60, p. p. 50-73, Extent unknown.
- Lewis, W.S., 1937, South Death Valley [California]: *Mineralogist*, v. 5, p. 11-12.
- Li, J., Lowenstein, T.K. and anonymous, 1995, Death Valley salt core—Evaporite minerals as climate indicators: *Geological Society of America, Abstracts with Programs*, v. 27, no. 7, p. 321.
- Li, J., Lowenstein, T.K. and Blackburn, I.R., 1997, Responses of evaporite mineralogy to inflow water sources and climate during the past 100 k.y. in Death Valley, California: *Geological Society of America Bulletin*, v.109, p. 1361-1371
- Li, J., Lowenstein, T.K., Brown, C.B., et al., 1994, Death Valley salt-core, Holocene/late Pleistocene (0-60,000 yr. B.P.) paleoenvironments and paleoclimates: *Geological Society of America, Abstracts with Programs*, v. 26, no. 7, p. 169.
- Li, J., Lowenstein, T.K., Brown, C.B., Ku, T.L., and Luo, S., 1996, A 100 ka record of water tables and paleoclimates from salt cores, Death Valley, California: *Paleogeography, Paleoclimatology, Paleoecology*, v. 123, p. 179-203.
- Licari, G.R., 197?, Paleontology of the Proterozoic Beck Spring dolomite of eastern California: *Journal of Paleontology*, p. In press. (incomplete reference)
- Licari, G.R., 1978, Biogeology of the Late Pre-Phanerozoic Beck Spring dolomite of eastern California: *Jour. Paleo.*, v. 52, p. 767-790.
- Lico, M.S., 1992, Data for radon-222 and other radionuclides in ground water, Nevada, 1986-89: U.S. Geological Survey Open-File Report 91-488, 17 p.
- Lico, M.S., 1996, Nevada wetland resources, *in* Fretwell, J.D., Williams, J.S., and Redman, P.J., comps., *National water summary on wetland resources*: U.S. Geological Survey Water-Supply Paper 2425, p. 267-272.
- Lienkaemper, J.J., 1985, Quaternary fault map of California in digital format: U.S. Geological Survey Open-File Report 85-211, 14 p., magnetic tape. (T,G)
- Lienkamper, J.J., Pezzopane, S. K., Clark M. M. and Rymer, M. J., 1987, Fault Fractures Formed in Association with the 1986 Chalfant Valley, California, Earthquake Sequence: Preliminary Report: *Bulletin of the Seismological Society of America*, v. 77, no. 1, p. 297-305.
- Liggett, M.A., and Childs, J.F., 1973, Evidence of a major fault zone along the California-Nevada state line 35°30' to 36°30' N Latitude: Los Angeles, CA, Argus Expl. Co. (incomplete reference)
- Limerinos, J.T., 1978, Parshall flumes in Furnace Creek water system, Death Valley National Mounment: Memorandum: California District, Water Resources Division, U.S. Geological Survey, 3 p.
- Link, M.H., Roberts, M.T., and Newton, M.S., 1985, Walker Lake basin—An example of late Tertiary (?) to Recent sedimentation in a basin adjacent to an active, strike-slip fault, *in* Biddle, K.T., and Christie-Blick, N., eds., *Strike-slip deformation, basin formation and sedimentation*: Society of Economic Paleontologists and Mineralogists, Special Publication. (incomplete reference)
- Lipman, P.W., and McKay, E.J., 1965, Geologic map of the Topopah Spring SW quadrangle, Nye County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-444, scale 1:24,000.

- Lipman, P.W., Christiansen, R.L., and O'Connor, J.T., 1966, A compositionally zoned ash-flow sheet in southern Nevada: U.S. Geological Survey Professional Paper 524-F, 47 p.
- Lisle, T.O., 1946, Amethysts of the Bullfrog Mine [Nevada] and Death Valley onyx: *Rocks and Minerals*, v. 21, p. 200-204.
- Lister, G.S., and Davis, G.A., 1989, The origin of metamorphic core complexes and detachment faults formed during Tertiary continental extension in the northern Colorado River region, U.S.A.: *Journal of Structural Geology*, v. 11, p. 65-94.
- Litwin, R.J., Adam, D.P., Frederiksen, N.O., et al., 1997, An 800,000-year pollen record from Owens Lake, California, preliminary analyses—An 800,000-year paleoclimatic record from core OL-92, Owens Lake, Southeast California: *Geological Society of America Special Paper 317*, p. 127-142.
- Liu, B., Phillips, F.M., Elmore, D., and Sharma, P., 1994, Depth dependence of soil carbonate accumulation based on cosmogenic ³⁶Cl dating: *Geology*, v. 22, p. 1071-1074.
- Liu, T., Broecker, W.S., Dorn, R.I., et al., 1995, Heinrich events recorded in rock varnish from the Death Valley region, Southwestern USA: *EOS [Transactions of American Geophysical Union]*, 1995 spring meeting, v. 76, p. 170.
- Lloyd, J.C., 1985, Mining and prospecting for gold in the 1890's, excerpts from Frank Norris' *McTeague*: *California Geology*, p. 11-14. (incomplete reference)
- Lobmeyer, D.H., 1986, Geohydrology of rocks penetrated by test well USW G-4, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 86-4015.
- Lobmeyer, D.H., Luckey, R.R., O'Brian, G.M., and Burkhardt, D.J., 1995, Water levels in continuously monitored wells in the Yucca Mountain Area, Nevada: 1989: U.S. Geological Survey Open-File Report 93-098, 170 p.
- Lobmeyer, D.H., Whitfield, M.S., Jr., Lahoud, R.G., and Bruckheimer, L., 1983, Geohydrologic data for test well UE-25b#1 Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Open-File Report 83-855, 48 p.
- Lock, Augustus, Billingsley, P.R., and Mayo, E.B., 1940, Sierra Nevada tectonic patterns: *Geological Society of America Bulletin*, v. 51, p. 513-540.
- Lockheed Missiles and Space Company, 1973, Report for Ubehebe Crater, Death Valley National Monument. (incomplete reference)
- Lockwood, K., and Bartlett, Inc., 1967, Aeromagnetic map of the Bullfrog and Bare Mountain quadrangles, Nevada-California [preliminary]: United States Geological Survey, Open file, 1 sheet, 1 inch = 1 mile. (incomplete reference)
- Loeltz, O.J., 1960, Source of water issuing from springs in Ash Meadow Valley, Nye County, Nevada [abs.]: *Geological Society of America Bulletin*, v. 71, no. 12, pt. 2, p. 1917-1918.
- Loeltz, O.J., and Malmberg, G.T., 1961, The ground-water situation in Nevada, 1960: Nevada Department of Conservation and Natural Resources, Water Resources - Information Report 1, 20 p.
- Logan, R.F., 1951, Report on the Titus Canyon expedition: *National Speleological Society Bulletin*, v. 13, p. Location unknown. (incomplete reference)
- Logan, R.F., 1986, The vegetation of the Panamint Valley area, *in* Davis, Emma Lou, and Raven, Christopher, Editors, *Environmental and paleoenvironmental studies in Panamint Valley*: San Diego, CA, Great Basin Foundation, Contributions of the Great Basin Foundation Number 2, p. p. 28-41, 64
- Lohman, S.W., 1972, Ground-water hydraulics: U.S. Geological Survey Professional Paper 708, 67 p., 9 plates.
- Lombardi, O.W., 1963, Observations on the distribution of chemical elements in the terrestrial saline deposits of Saline Valley, California, U.S. Naval Ordnance Test Station, China Lake, California, U.S. Naval Test Station Ordnance Technical Publication 2916, extent unknown .
- Lombardi, O.W., 1964, Extreme deformation in Saline Valley, California, as related to the general deformation of the western states [Abstract], *in* Abstracts for 1963: *Geological Society of America Special Paper 76*, Extent unknown .
- Lombardi, Oreste W., 1957, Observations on the distribution of chemical elements in the terrestrial saline deposits of Saline Valley, California: Unpublished Masters Thesis, New Mexico Institute of Mining and Technology, Socorro, New Mexico. (incomplete reference)
- Longwell, C.R., 1926, Structural studies in southern Nevada and western Arizona: *Geological Society of America Bulletin*, v. 37, p. 551-558.
- Longwell, C.R., 1930, Faulted fans west of the Sheep Range, southern Nevada: *American Journal of Science*, v. 20, p. 1-13.,

- Longwell, C.R., 1945, Low-angle normal faults in the Basin and Range province: American Geophysical Union, v. 26, p. 107-118.
- Longwell, C.R., 1960, Possible explanation of diverse structural patterns in southern Nevada: American Journal of Science, v. 258-A, p. 192-203.
- Longwell, C.R., 1974, Measure and Date of Movement on Las Vegas Shear Zone, Clark County Nevada, Geological Society of America Bulletin, v. 85, p. 985-990.
- Loomis, D.P., and Burbank, D.W., 1988, The stratigraphic evolution of the El Paso basin, southern California: implications for the Miocene development of the Garlock fault and uplift of the Sierra Nevada: Geological Society of America Bulletin, v. 100, p. 12-28.
- Louie, J., Ichinose, G., Shields, G., et al., 1996, Shallow geophysical characterization of the Pahrump Valley fault zone, California-Nevada border: EOS [Transactions of American Geophysical Union], 1996 fall meeting, v. 77, p. 497.
- Louie, J., Shields, G., Hasting, M., Plank, G., and Bowman, S., 1998, Shallow geophysical constraints on displacement and segmentation of the Pahrump Valley fault zone, California-Nevada border, *in* Lund, W.R., editor, Proceedings of the Basin and Range Province Seismic Hazards Summit, May 13-15, 1997: Utah Geological Survey, Cedar City, Utah. (T,G)
- Louie, J.N., and Qin, J., 1991, Subsurface imaging of the Garlock Fault, Cantil Valley, California: Journal of Geophysical Research, v. 96, p. 14,461-14,480. (T,G)
- Love, J.D., Boyd, R.G., Boberg, W.W., et al., 1978, Cenozoic thrust and normal faulting and tectonic history of the Badwater area, northeastern margin of Wind River basin, Wyoming: Resources of the Wind River basin, Casper, Wyo., p. 235-238. (incomplete reference)
- Lovejoy, E.M.P., 1961, Mio-Pliocene Lake Nevada, Geological Society of America, Geological Society of America Program, 1961 Annual Meeting, March 26 1961-March 31 1961, p. 49-50.
- Lowenstein, T.K., 1997, Death Valley salt core: 200,000 year paleoclimate record from sedimentary structures, saline mineralogy, fluid inclusions in halite, and ostracodes (Abstract), *in* Great Basin Aquatic System History Symposium, University of Utah an Smithsonian Institution. (incomplete reference)
- Lowenstein, T.K., Li, J., Brown, C., Roberts, S.M., Ku, T-L., Luo, S., Yang, W., 1999, 200 k.y. paleoclimate record from Death Valley salt core: Geology, v. 27, no. 1, p. 3-6.
- Lowenstein, T.K., Li, J., Brown, C.B., and others, 1994, Death Valley salt core: 200,000 year record of closed-basin subenvironments and climates: Geological Society of America Annual Meeting: Abstracts with Programs, Seattle, WA, October 1994, p. 169. (incomplete reference)
- Lowenstein, T.K., Li, J., Spencer, R.J., et al., 1995, Death Valley salt core—200,000 paleoclimate record from mineralogy, fluid inclusions, sedimentary structures and ostracodes: Geological Society of America, 1995 annual meeting, 27, 321.
- Lowman, J.A., and Reynolds, J., 1992, Geology of Pioneertown basalts: Abstracts of Proceedings from the 6th annual Mojave Research Symposium, v. 39, p. 23.
- Luckey, R.R., Lobmeyer, D.H., and Burkhardt, D.J., 1993, Water levels in continuously monitored wells in the Yucca Mountain Area, Nevada, 1985-1988: U.S. Geological Survey Open-File Report 91-493, 249 p.
- Luckey, R.R., Tucci, Patrick, Faunt, C.C., Ervin, E.M., Steinkampf, W.C., D'Agnesse, F.A., and Patterson, G.L., 1996, Status of understanding of the saturated-zone ground-water flow system at Yucca Mountain, Nevada, as of 1995: U.S. Geological Survey Water-Resources Investigations Report 96-4077, 71 p.
- Ludwig, H.F., 1958, Report on quantities of spring waters available at Scottys Castle, Death Valley: Private Engineering Consultants Report. (incomplete reference)
- Ludwig, K.R., Peterman, Zell E., Simmons, K.R., and Gutentag, E.D., 1993, 234U/238U ratios as a ground water flow tracer, southwest Nevada-southeast California, *in* Conference on high-level radioactive waste management, 4th Meeting, Las Vegas, Nevada, Proceedings: American Society of Civil Engineers, p. 1567-1572. (incomplete reference)
- Ludwig, K.R., Simmons, K.R., Szabo, B.J., et al., 1990, Mass-spectrometric (super 230) Th- (super 234) U- (super 238) U dating of the Devils Hole calcite vein—A precise record of continuous growth from differs from 566 ka to 60 ka: Geological Society of America, Abstracts with Programs, v. 22, no. 7, p. 310.
- Ludwig, K.R., Simmons, K.R., Szabo, B.J., Winograd, I.J., Landwehr, J.M., Riggs, A.C., and Hoffman, R.J., 1992, Mass-spectrometric ²³⁰U-²³⁴U-²³⁸U dating of the Devils Hole calcite vein: Science, v. 258, p. 284-287.

- Luedke, R.G., and Smith, R.L., 1981, Map showing distribution, composition, and age of late Cenozoic volcanic centers in California and Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1091-C, scale 1:1,00,000, 2 sheets.
- Luft, S.J., 1964, Mafic lavas of Dome Mountain, Timber Mountain caldera, southern Nevada: U.S. Geological Survey Professional Paper 501-D, p. 14-21.
- Lugaski, T.P., 1986, Preliminary analysis of the physical stratigraphy, depositional environment, and paleoecology of the Miocene non-marine deposits, Stewart Valley, Nevada: (incomplete reference).
- Lugaski, T.P., and Firby, J.R., 1987, Paleoecologic and paleodepositional environments of non-marine sediments of Stewart Valley, Nevada: Geological Society of America, Rocky Mountain Section, 40th annual meeting, Abstracts with Programs, v. 19, p. 316.
- Lugaski, T.P., Firby, J.R. and Schorn, H., 1984, Stratigraphy, depositional environments and paleoecology of Miocene non-marine deposits, Stewart Valley, Nevada: Society of Economic Paleontologists and Mineralogists, First annual midyear meeting, v. 1, p. 50.
- Lundstrom, S.C., and Taylor, E.M., in press, Preliminary surficial deposits map of the southern half of the Topopah Spring NW 7.5-minute quadrangle: U.S. Geological Survey Open File Report 95-132, scale 12,000. (incomplete reference)
- Lundstrom, S.C., and Warren, R.G., 1994, Late Cenozoic evolution of Fortymile Wash—Major change in drainage pattern in the Yucca Mountain, Nevada region during late Miocene volcanism: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, v. 4, p. 2121-2130
- Lundstrom, S.C., in press (as of 9/97), Reports on Yucca Mountain: U.S. Geological Survey Open-File Report 94-341, 95-311, 95-132, and 95-133. (incomplete reference)
- Lundstrom, S.C., Mahan, S.A., and Paces, J.B., 1996, An analysis of the record of surficial deposits and erosion at Yucca Mountain: Preliminary report to M&O contractor, 20 p. (incomplete reference)
- Lundstrom, S.C., Mahan, S.A., and Paces, J.B., in press, A preliminary surficial deposit map of the northwest 1/4 of the Busted Butte 7.5' quadrangle: U.S. Geological Survey Open-File Report 95-133, scale 1:12,000. (incomplete reference)
- Lundstrom, S.C., McDaniel, S.M., Guertal, W., Nash, M.H., Wesling, J.R., Cidziel, J., Cox, S., and Coe, J., 1995, Characteristics and development of alluvial soils of the Yucca Mountain area, southern Nevada: Report to Department of Energy by U.S. Geological Survey, for Milestone 3GCH51 OM, 8 p
- Lundstrom, S.C., Paces, J.B., Mahan, S.A., et al., 1996, Late Quaternary history of Fortymile Wash, southern Nevada—A record of geomorphic response to climate change in the Yucca Mountain region: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 522.
- Lundstrom, S.C., Ramelli, A.R., Paces, J.B., Mahan, S.A., and Young, O.D., in prep., Geologic map of Quaternary and Tertiary sediments of the Yucca Mountain area: U.S. Geological Survey Miscellaneous Investigations Map, scale 1:24,000, with text. (incomplete reference)
- Lundstrom, S.C., Wesling, J.R., Swan, F.H., Taylor, E.M., and Whitney, J.W., 1993, Quaternary allostratigraphy of surficial deposit map units at Yucca Mountain, Nevada—A progress report: Geological Society of America, Abstracts with Programs, v. 25, no. 5, p. A1 12.
- Lundstrom, S.C., Wesling, J.R., Taylor, E.M., and Paces, J.B., 1994, Preliminary surficial deposits map of the northeast 1/4 of the Busted Butte 7.5' quadrangle, Nye County, Nevada: U.S. Geological Survey Open-File Report 94-34 1, scale 1: 12,000.
- Luo, S., 1994, Death Valley salt core—200,000 year record of closed-basin environments and climates: Geological Society of America, Abstracts with Programs, v. 26, p. 169.
- Lustig, L.D., Gath, E.M., Gregory, J.L., et al., 1987, Geology and mineral resources of the Owens Valley region, an introduction—Geology and mineral wealth of the Owens Valley region, California: South Coast Geological Society, Annual Field Trip Guidebook no. 15, p. 35-37.
- Lustig, L.K., 1963, Competence of transport on alluvial fans United States Geological Survey Professional Paper 475-C, United States Geological Survey, Extent unknown .
- Lustig, L.K., 1963, Distribution of granules in a bolson environment United States Geological Survey Professional Paper 475-C, United States Geological Survey, Extent unknown .
- Lustig, L.K., 1965, Clastic sedimentation in Deep Springs Valley, California Erosion and sedimentation in a semiarid environment: a study of the bolson environment and the formation of alluvial fans, United States Geological Survey, United States Geological Survey Professional Paper 352-F, scale 1:125,000, 2 pls., 192 p.

- Lustig, Lawrence Kenneth, 1963, Clastic sedimentation in Deep Springs Valley, California: Unpublished Ph.D. dissertation, Harvard University, Cambridge, Massachusetts. (incomplete reference)
- Luzitano, R.D., 1988, Interpretations of shallow-seismic refraction surveys performed at eight proposed deep crustal studies refraction shot points in Death Valley National Monument, California: U.S. Geological Survey Open-File Report 88-508, 42 p.
- Lyles, B.F., 1993, Tritium activities in selected wells on the Nevada Test Site: University of Nevada at Las Vegas, Desert Research Institute Publication 45104, 26 p.
- Lyles, B.F., Jacobson, R.L., and Hess, J.W., 1986, Reconnaissance of groundwater quality in southern Nevada: University of Nevada at Las Vegas, Desert Research Institute, Water Resources Center Publication 41101, 87 p.
- Lyles, B.F., McKay, W.A., Chapman, J.B., and Tyler, S.W., 1991, Hydrogeologic characterization of wells HTH-1, UE18r, UE6e, and HTH-3, Nevada Test Site, Las Vegas, Nevada: Desert Research Institute, Water Resources Center, Publication No. 45087, 73 p.
- Lyons, W.B., Carey, A.E., Herczeg, A.L., et al., 1995, Preliminary ages of groundwater from flowing wells in Owens Valley near Independence, California: Proceedings of the American Water Resources Association annual spring symposium on Water in the 21st century, conservation, demand, and supply, 95-1, 111-115.

M

- Maas, M.C., 1985, Taphonomy of a late Eocene microvertebrate locality, Wind River basin, Wyoming (U.S.A.): *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 52, p. 123-142.
- Mabey, D.R., 1956, Geophysical studies in southern California basins: *Geophysics*, v. 21, no. 3, p. 839-853.
- Mabey, D.R., 1959, Gravity study of the Death Valley region, California [Abstract]: *Geological Society of America Bulletin*, v. 70, no. 12, p. 1695.
- Mabey, D.R., 1960, Gravity survey of the Mojave Desert, California: U.S. Geological Survey Professional Paper 316-D, 73 p. (T,G)
- Mabey, D.R., 1961, Regional magnetic and gravity anomalies in the Darwin area, California Geological Survey research, 1961: short papers in the geologic and hydrologic sciences, articles 147-292: United States Geological Survey, United States Geological Survey Professional Paper 424-C, 398 p.
- Mabey, D.R., 1963, Complete Bouguer anomaly map of the Death Valley region, California: Washington, DC, United States Geological Survey, United States Geological Survey Geophysical Investigations Map, no. GP-305, 1 sheet, 1:250,000. (T,G)
- Mabey, D.R., 1972, Principal facts for gravity stations in the Death Valley region, California. (incomplete reference)
- MacDonald, A.A., 1970, The northern Mojave desert's little Sahara: California Division of Mines and Geology, Mineral Information Service 23, p. 3-6.
- MacDonald, Angus A., 1966, The Dumont dune system of the northern Mojave Desert, California: Unpublished Masters thesis, San Fernando Valley State University, Northridge, California. (incomplete reference)
- Macdonald, G.A., Gay, T.E., Stewart, J.H., and others, 1968, Geology of the basin ranges, *in* Mineral resources of California, California Division of Mines and Geology, [total] Extent unknown. (incomplete reference)
- Machette, M.N., 1985, Calcic soils of the southwestern United States, *in* Weide, D.L., ed., *Soils and Quaternary geology of the southwestern United States: Geological Society of America Special Paper 203*, p. 1-21.
- Macicak, M., 1986, Plutonic intrusion with reference to pressure and temperature conditions of contact metamorphism, northern Salt Spring Hills, California, 20 pp. graphs; tabs.; ill.; photos; maps.
- Macicak, M., 1988, Early Permian fusulinids from the Owens Valley Group, east-central California, Geological Society of America, Geological Society of America Special Paper 217, 61 p.
- Mahacek-King, V. L., Onken, J., Elliott-Fisk D. L. and Bettinger, R. L., 1987, Quaternary Silicic Tephra in the White Mountains, CA-NV, Depositional Environments and Geomorphic History, Geological Society of America, Abstracts with Programs, v. 19, p. 756.
- Mahan, S.A., Moscati, R.J., 1994, Sr, O and H isotopes as tracers of regional ground-water flow through the Spring Mountains to Ash Meadows, SW Nevada: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 413.

- Mahan, S.A., Paces, J.B., and Peterman, Z.E., 1996, Thermoluminescence dating of surface deposits at Yucca Mountain, southern Nevada, USA: Geological Society of America, Abstracts with programs, v. 28, no. 7, p. A-193.
- Mahood, G.A., Nibler, G.E. and Halliday, A.N., 1996, Zoning patterns and petrologic processes in peraluminous magma chambers, Hall Canyon Pluton, Panamint Mountains, California: Geological Society of America Bulletin, v, 108, p. 437-453.
- Majewski, P.A., Meeker, L.D., Whitlow, M.S., Twickler, M.S., Morrison, M.C., Alley, R.B., Bloomfield, P, and Taylor, K., 1993, The atmosphere during the younger Dryas: Nature, v. 261, p. 195-197.
- Majmundar, H.H., 1985, Borate mining history in Death Valley; Inyo and San Bernardino counties.: California Geology. v. 38, no. 8, p. 171-177.
- Majmundar, H.H., 1988, Borate mining history in Death Valley, Inyo and San Bernardino counties Gregory, Jennifer L., and Baldwin, E. Joan, Editors, Geology of the Death Valley region, South Coast Geological Society, Inc., p. p. 365-371, 429 p.
- Majmundar, H.H., 1990, Geologic map of the northwest quarter of the Bullfrog 15-minute quadrangle, Nye County Nevada, US Geological Survey, Miscellaneous Investigations Series, Map I-1985, 1 sheet.
- Maldonado, F., Geologic map of the eastern part of the southwest quarter of the Bullfrog quadrangle: U.S Geological Survey, unpublished map, scale 1:24,000.
- Maldonado, F., 1977, Composite potshot fracture map of Pahute Mesa, Nevada Test Site, June 1973 through March 1976: U.S. Geological Survey Report 474-243, 8 p.
- Maldonado, F., 1985, Geologic map of the Jackass Flats area, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1519, scale 1:48,000, 1 sheet.
- Maldonado, F., 1990, Geologic map of the northwest quarter of the Bullfrog 15-minute Quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series, Map I-1985, 1 Sheet, map scale 1:24,000.
- Maldonado, F., 1990, Structural geology of the upper plate of the Bullfrog Hills detachment fault system, southern Nevada: Geological Society of America Bulletin, v. 102, p. 992-1006. T
- Maldonado, F., and Hausback, B.P., 1990, Geologic map of the northeast quarter of the Bullfrog 15-minute Quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series, Map I-2049, 1 Sheet, map scale 1:24,000.
- Maldonado, F., and Koether, S.L., 1983, Stratigraphy, structure, and some petrographic features of Tertiary volcanic rocks at the USW G-2 drill hole, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-491, 121 p.
- Malek, E., Bingham, G.B., and McCurdy, G.D., 1990, Evapotranspiration from the margin and moist playa of a closed desert valley: Journal of Hydrology, v. 120, p. 15-34.
- Malicse, Jose Ariel Enriquez, 1993, Sedimentary processes and facies of a desert fluvial system in southern Death Valley, California: Unpublished Ph.D. dissertation, Texas A&M University, College Station, Texas, 77 p.
- Malicse, Jose Ariel Enriquez, Preliminary results of the sedimentological investigation of Trail Canyon fan sandflat, Death Valley, California: (incomplete reference)
- Malmberg, G.T., 1967, Hydrology of the valley-fill and carbonate-rock reservoirs, Pahrump Valley, Nevada-California: U.S. Geological Survey Water Supply Paper 1832, 46 p., 5 plates.
- Malmberg, G.T., and Eakin, T.E., 1962, Ground-water appraisal of Sarcobatus Flat and Oasis Valley, Nye and Esmeralda Counties, Nevada: U.S. Geological Survey Ground-Water Resources - Reconnaissance Series, Report 10, 39 p.
- Malmberg, G.T., and Eakin, T.E., 1964, Relation of fluoride content to recharge and movement of ground water in Oasis Valley, southern Nevada, *in* Short papers in geology and hydrology, Articles 122-172, Geological Survey Research 1963: U.S. Geological Survey Professional Paper 475-D, p. 189-191.
- Mancktelow, N.S., and Pavlis, T.L., 1994, Fold-fault relationships in low-angle detachment systems: Tectonics, v. 13, no. 2, p. 668-685.
- Manly, W.L., 1894, Death Valley in '49 [reproduction]: Bishop CA, Chalfant Press, Inc. (incomplete reference)
- Mann, J.F., Jr., 1969, Water resources of Scotty's Castle and the Lower Ranch: Consultants Report, 6 p. (incomplete reference)
- Marchand, D.E., 1970, Soil contamination in the White Mountains, eastern California: Geological Society of America Bulletin, v. 81, p. 2497-2505.

- Marchand, D.E., 1974, Chemical Weathering, Soil Development, and Geochemical Fractionation in a Part of the White Mountains, Mono and Inyo Counties, California: U. S. Geological Survey Professional Paper 352-J, 424 p.
- Marian, M.L., 1979, Near-surface heat flow in Saline Valley, California, US Geological Survey, Open-File Report 79-1136, 52 pages.
- Marian, M.L., 1979, Sedimentology of the Beck Spring Dolomite, eastern Mojave Desert, California, Los Angeles, CA, University of Southern California. (incomplete reference)
- Marion, G.M., 1989, Correlation between long-term pedogenic CaCO₃ formation rate and modern precipitation in deserts of the American Southwest: *Quaternary Research*, v. 32, p. 291-295.
- Marshall, B.D., and Mahan, S.A., 1994, Strontium isotope geochemistry of soil and playa deposits near Yucca Mountain, Nevada, *in* Conference on high-level radioactive waste management, 5th Conference, Las Vegas, Nevada: Proceedings, American Society of Civil Engineers, p. 2685-2691.
- Marshall, B.D., Peterman, Z.E., Stuckless, J.S., 1993, Sr isotopic evidence for a higher water table at Yucca Mountain, *in* Conference on high-level radioactive waste management, 4th Conference, Las Vegas, Nevada: Proceedings, American Society of Civil Engineers, p. 1948-1952.
- Martin, P., 1994, Southern California basins regional aquifer, *in* McGill, S.F., and Ross, T.M., eds., Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook, p.166-169. (incomplete reference)
- Martin, R.J., Price, R.H., Boyd, P.J., and Noel, J.S., 1994, Bulk and mechanical properties of the Paintbrush Tuff recovered from borehole USW NRG-6, data report: Sandia National Laboratories Report SAND 93-4020, 92 p.
- Marvin, R.F., Byers, Jr., F.M., Mehnert, H.H., Orkild, P.P., and Stern, T.W., 1970, Radiometric ages and stratigraphic sequence of volcanic and plutonic rocks, southern Nye and western Lincoln counties, Nevada: *Geological Society of America Bulletin*, v. 81, p. 2657-2676.
- Mase, C.W., Galanis, S.P. Jr., and Munroe, R.J., 1979, Near-surface heat flow in Saline Valley, California: U.S. Geological Survey Open-File Report 79-1136, 52 p.
- Mason, J.F., 1948, Geology of the Tecopa area, southeastern California: *Geological Society of America Bulletin*, v. 59, no. 4, p. 333-352.
- Massachusetts Institute of Technology (MIT) Geophysics Field Course, 1985, A geophysical study of Mesquite Valley—Nevada—California border: *Journal of Geophysical Research*, v. 90, no. B10, p. 8685-8689. T
- Massachusetts Institute of Technology (MIT) Geophysics Field Course, and Biehler, Shawn, 1987, A geophysical investigation of the northern Panamint Valley, Inyo County, California—Evidence for possible low-angle normal faulting at shallow depth in the crust: *Journal of Geophysical Research*, v. 92, p. 10,427-10,441. T
- Massey, C., 1986, Rhyolite flows in the Shoshone Volcanics, Dublin Hills, eastern California, 17 pp. graphs; ill.; maps.
- Matheny, R.K. and Garvey, R., 1992, Oxygen and hydrogen isotope geochemistry of groundwaters from a discharge wetland area, Red River valley, N.D., and evidence for Pleistocene recharge of the Inyan Kara Formation: Proceedings of the North Dakota Academy of Science, 84th annual meeting, v. 46, p. 86.
- Mathews, David Lane, 1960, The clay mineralogy of Mojave Desert playas: Unpublished Masters thesis, Indiana University, Bloomington, Indiana. (incomplete reference)
- Mattson, S.R., Broxton, D.E., Crowe, B.M., et al., 1989, Geology and hydrogeology of the proposed nuclear waste repository at Yucca Mountain, Nevada, and surrounding area, *in* Geological Society of America 1989 field trip guidebook: Missouri Division of Geology and Land Survey, Special Publication 5, 9-44.
- Matuska, N.A., 1988, Ground-water sampling of the NNWSI water table test wells surrounding Yucca Mountain, Nevada. Las Vegas, Nevada: State of Nevada, Agency for Nuclear Projects/Nuclear Waste Projects Office, 1988 Dec, NWPO-TR-010-89. 20 p.
- Matuska, N.A., Hess, J.W. and Dickinson, W.R., 1987, Hydrology of the Yucca Mountain repository block and its relationship to the regional ground-water system—A geochemical and isotopic analysis: Geological Society of America, 1987 annual meeting, Abstracts with Programs, v. 19, p. 762.
- Maud, R.L., 1982, Stratigraphy and depositional environments of the Proterozoic Crystal Spring Formation, Death Valley region, California [Abstract]: *Geological Society of America Abstracts With Programs*, v. 14, p. 213.
- Maxey, G.B., 1968, Hydrogeology of desert basins: *Ground Water*, v. 6, no. 5, p. 10-22.

- Maxey, G.B., and Eakin, T.E., 1949, Ground water in White River valley, White Pine, Nye, and Lincoln Counties, Nevada: Nevada State Engineer, Water Resources Bulletin Number 8, 59 p.
- Maxey, G.B., and Jameson, C.H., 1948, Geology and water resources of Las Vegas, Pahrump, and Indian Spring Valleys, Clark and Nye Counties, Nevada: Nevada State Engineer, Water Resources Bulletin 5, 292 p.
- Maxey, G.B., and Mifflin, M.D., 1966, Occurrence and movement of groundwater in carbonate rocks of Nevada, *in* Moore, G.W., ed., Limestone Hydrology—A symposium with discussion: National Speleological Society Bulletin, v. 28, no. 3, p. 141-157.
- Maxey, G.B., and Robinson, T.W., 1947, Ground water in Las Vegas, Pahrump, and Indian Spring Valleys, Nevada (a summary): Nevada State Engineer, Water Resources Bulletin 6, 23 p.
- Maxson, J., No date [mid-20th century], Longitudinal profile of Death Valley fans and canyons. (incomplete reference)
- Maxson, J.H., 1935, Pre-Cambrian stratigraphy of the Inyo Range [Abstract], Proceedings of the thirty-third annual meeting of the Cordilleran Section of the Geological Society of America, University of California, Berkeley, April 12 1934-April 14 1934, p. 314.
- Maxson, J.H., 1940, Fluting and faceting of rock fragments: The Journal of Geology, v. 48, no. 7, p. 717-751.
- Maxson, J.H., 1950, Physiographic features of the Panamint Range, California: Geological Society of America Bulletin, v. 61, no. 2, p. 99-114. Q
- Maxson, J.H., 1963, Death Valley origin and scenery: Bishop CA, Death Valley Natural History Association, Chalfant Press. (incomplete reference)
- Mayer, T., 1997, Spring discharge and water level monitoring at Ash Meadows National Wildlife Refuge: Water Resources Branch, Division of Engineering, Fish and Wildlife Service, 9 p., 22 figures.
- Mayo, E.B., 1944, Rhyolite near Big Pine, California: Geological Society of America Bulletin, v. 55, no. 5, p. 599-619.
- McAdie, A.G., 1913, Relative humidity in Death Valley: Monthly Weather Review, v. 41, no. 6, p. 931.
- McAllister, J.F., 1940, Melanite-nepheline syenite from the Panamint Range, California: Geological Society of America Bulletin, v. 51, p. 1962.
- McAllister, J.F., 1940, Palaeocyclus porpita, Silurian coral from the Panamint Range, California: Geological Society of America Bulletin, v. 51, p. 1984-1985.
- McAllister, J.F., 1952, Rocks and structure of the Quartz Spring area, northern Panamint Range, California: California Division of Mines Special Report 25, 38 p.
- McAllister, J.F., 1955, Geology of mineral deposits in the Ubehebe Peak quadrangle, Inyo County, California: California Division of Mines Special Report 42, 63 p.
- McAllister, J.F., 1956, Geologic map of the Ubehebe Peak quadrangle, California: U.S. Geological Survey Geologic Quadrangle Map GQ-95, scale 1:62,500, 1 sheet. M
- McAllister, J.F., 1958, Borate minerals from weathering of Late Tertiary borates in the Furnace Creek district, Death Valley, California [Abstract]: Geological Society of America Bulletin, v. 69, p. 1695.
- McAllister, J.F., 1961, Sborgite in the Furnace Creek area, California Geological Survey research, 1961: short papers in the geologic and hydrologic sciences, articles 1-146: United States Geological Survey, United States Geological Survey Professional Paper 424-B, 344 p.
- McAllister, J.F., 1964, Preliminary geologic map of the Furnace Creek borate area, Death Valley, California: United States Geological Survey, 1 sheet + separate map legend, 1:24,000.
- McAllister, J.F., 1970, Geology of the Furnace Creek borate area, Death Valley, Inyo County, California: Sacramento, California Department of Conservation, Division of Mines and Geology Map Sheet 14, scale 1:24,000, with 9 p. text. M, S, T
- McAllister, J.F., 1971, Preliminary geologic map of the Amargosa Valley borate area, Inyo County, California: United States Geological Survey, 1 sheet, 1:24,000.
- McAllister, J.F., 1971, Preliminary geologic map of the Funeral Mountains in the Ryan quadrangle, Death Valley region, Inyo County, California: United States Geological Survey, United States Geological Survey Open-File Report 71-187, Extent unknown 1:31,680.

- McAllister, J.F., 1973, Geologic map and sections of the Amargosa Valley borate area—Southeast continuation of the Furnace Creek area, Inyo County, California: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-782, 1 sheet, scale 1:24,000.
- McAllister, J.F., 1974, Geologic maps and sections of a strip from Pyramid Peak to the southeast end of the Funeral Mountains, Ryan Quadrangle, California, *in* Guidebook—Death Valley Region, California and Nevada: Geological Society of America 70th annual meeting of the Cordilleran section, Field Trip Number 1, The Death Valley Publishing Company, Shoshone, California, p. 81-83.
- McAllister, J.F., 1974, Geology of the Furnace Creek borate area, Death Valley, Inyo County, California Guidebook: Death Valley region, California and Nevada [prepared for the 70th Annual Meeting of Cordilleran Section, Geological Society of America]: Shoshone CA, The Death Valley Publishing Company, 97 p.
- McAllister, J.F., 1974, Silurian, Devonian, and Mississippian Formations of the Funeral Mountains in the Ryan Quadrangle, Death Valley Region, California: U.S. Geological Survey Bulletin 1386, 35 p..
- McAllister, J.F., 1976, Columnar sections of the main part of the Furnace Creek Formation of Pliocene (Clarendonian and Hemphilliam) age across Twenty Mule Canyon, Furnace Creek Borate area, Death Valley, California: US Geological Survey Open-File Report 76-261, 1 p.
- McAllister, J.F., 1976, Geologic maps and sections of a strip from Pyramid Peak to the southeast end of the Funeral Mountains, Ryan Quadrangle, California, *in* Troxel, Bennie, W., and Wright, Lauren A., eds., Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 63-66.
- McAllister, J.F., and Agnew, A.F., 1948, Playa scrapers and furrows on Racetrack Playa, Inyo County, California [Abstract]: Geological Society of America Bulletin, v. 59, p. 1377.
- McAllister, J.R., and Smith, W.C., 1969, Borate and talc deposits in the Death Valley area, California: 1 sheet, 1"=4 miles (approximate).
- McAllister, James F., 1951, Rocks and structure of the Quartz Spring area, northern Panamint Range, California: Unpublished Ph.D. dissertation, Stanford University, Palo Alto, California. (incomplete reference)
- McCaa, C., 1986, Base surge emplacement at Ubehebe Crater, Death Valley, California, 36 pp. photos; maps; graphs; tabs.; ill. (incomplete reference)
- McClay, K.R., and Ellis, P.G., 1987, Analog models of extensional fault geometries, *in* Coward, M.P., et al, eds., Continental extensional tectonics: Geological Society of London, Special Paper 28, p. 109-125.
- McClay, K.R., and Ellis, P.G., 1987, Geometries of extensional fault systems developed in model experiments: *Geology*, v. 15, p. 341-344.
- McClure, Duane, and Sackett, John, 1970, Index to graduate thesis on California geology, 1968: California Division of Mines and Geology, v. 23, no. 5, p. 91-94.
- McCoard, D.C., 1944-1945, THE DEATH VALLEY STORY-GEOLOGY, National Park Service, 9 . (incomplete reference)
- McCoard, D.C., 1970, Structure of the Last Chance thrust in the Last Chance Range, California, Los Angeles, CA, University of California at Los Angeles. (incomplete reference)
- McConnaughey, T.A., Whelan, J.F., Wickland, K.P, and Moscati, R.J., 1994, Isotopic studies of Yucca Mountain soil fluids and carbonate pedogenesis: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, v. 4, p. 2584-2589.
- McCulloh, T.H., 1954, Problems of the metamorphic and igneous rocks of the Mojave desert, *in* Jahns, R.H., ed., Geology of southern California, California Department of Natural Resources, Division of Mines, Bulletin 170, Chapter VII, Contribution 2, p. 13-23.
- McCutcheon, K., 1988, Environmental stratigraphy of post-Dunderberg carbonate strata, Nopah Formation, (Upper Cambrian), southern Great Basin: (incomplete reference)
- McCutcheon, K., Cooper, J.D., 1986, Environmental carbonate stratigraphy of the type Nopah Formation (Upper Cambrian), Nopah Range, eastern California, USA: Sediments down-under, 12th International Sedimentological Congress: (incomplete reference).
- McCutcheon, K.F., Cooper, J.D., 1989, Environmental carbonate stratigraphy and cyclic deposition of Smoky Member, type Nopah Formation (Upper Cambrian), Nopah Range, southern Great Basin: AAPG-SEPM-SEG-SPWLA Pacific Section annual meeting, v. 73, p. 545.

- McCutcheon, K.F., Griffin, K.M., Cooper, J.D., et al., 1989, Stop 2—Upper Cambrian section, northern Nopah Range: Society of Economic Paleontologists and Mineralogists, Field Trip Guidebook, Cavalcade of carbonates, Pacific Section, v. 61, p. 21-31.
- McDonald, E., and McFadden, L.D., 1994, Quaternary stratigraphy of the Providence Mountains piedmont and preliminary age estimates and regional stratigraphic correlations of Quaternary deposits in the eastern Mojave Desert, California, *in* McGill, S.F., and Ross, T.M., eds., Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook 8, p. 205-213.
- McDonald, M.G., and Harbaugh, A.W., 1988, A modular three-dimensional finite difference ground-water flow model: U.S. Geological Survey Techniques of Water Resources Investigations, Book 6, Chapter A1, 586 p.
- McDowell, S.D. and Albee, A.L., 1966, Emplacement of the Little Chief granite porphyry stock, central Panamint Range west of Death Valley, California: Geological Society of America Special Paper (incomplete reference)
- McDowell, S.D., 1967, Petrogenesis of the Little Chief Stock, Panamint Range, California: EOS [Transactions of the American Geophysical Union], v. 48, p. 246.
- McDowell, S.D., 1974, Emplacement of the Little Chief Stock, Panamint Range, California: Geological Society of America Bulletin, v. 85, p. 1535-1546.
- McDowell, S.D., 1978, Little Chief Granite porphyry, feldspar crystallization history: Geological Society of America Bulletin, v. 89, p. 33-49.
- McDowell, S.D., 1979, Chevkinite from the Little Chief granite porphyry stock, California: American Mineralogist, 64, 721-727.
- McDowell, S.D., and Albee, A.L., 1966, Crystallization history of the Little Chief granite porphyry, California, based on electron microprobe analyses of the feldspars: Geological Society of America Special Paper. (incomplete reference)
- McDowell, Stewart Douglas, 1967, The intrusive history of the Little Chief Granite Porphyry Stock (Mesozoic), central Panamint Range, California, I, Structural relationships, II, Petrogenesis, based on electron microprobe analyses of the feldspars: Unpublished Ph.D. dissertation, California Institute of Technology, Pasadena, California. (incomplete reference)
- McFadden, L.D., Ritter, J.B., and Wells, S.G., 1989, Use of multiparameter relative-age methods for age estimation and correlation of alluvial fan surfaces on a desert piedmont, eastern Mojave Desert, California: Quaternary Research, v. 32, p. 276-290.
- McFadden, L.D., Wells, S.G., and Dohrenwend, J.C., 1986, Influences of Quaternary climatic changes on processes of soil development on desert loess deposits of the Cima volcanic field, California: Catena, v. 13, p. 316-389.
- McFadden, L.D., Wells, S.G., and Jercinovich, M.J., 1987, Influence of eolian and pedogenic processes on the origin and evolution of desert pavements: Geology, v. 15, p. 504-508.
- McFadden, L.D., Wells, S.G., Brown, W.J., Enzel, Y., Amundson, R., Wang, Y., and Trumbore, S., 1994, Formation and pedogenic isotope studies of soils on beach ridges of Silver Lake playa, Mojave Desert, California, *in* McGill, S.F., and Ross, T.M., eds., Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook, p. 188-195.
- McFadden, L.D., Wells, S.G., Dohrenwend, J.C., and Turrin, B.D., 1984, Cumulic soils formed in eolian parent materials on flows of the Cima volcanic field, *in* Dohrenwend, J.C., ed., Surficial geology of the eastern Mojave Desert, California: Geological Society of America Annual Meeting Fieldtrip Guidebook, Field Trip No. 14, p. 134-149
- McGee, W.J., 1897, Sheetflood erosion: Geological Society of America Bulletin, v. 8, p. 87-112.
- McGowan, C., 1973, A Note on the Most Recent Ichthyosaur Known, an Isolated Coracoid from the Upper Campanian of Saskatchewan (Reptilia, Ichthyosauria): Canadian Journal of Earth, v. 10, p. 1346-1349.
- McKay, E.J., 1963, Geology of Jackass Flats Quadrangle, US Geological Survey Technical Letter NTS-57,
- McKay, E.J., and Burchfiel, B.C., 1966, Geologic map of the Lathrop Wells quadrangle, Nye County, Nevada: U.S. Geological Survey Open-File Report TEI-864, 1 sheet. 58 p.
- McKay, E.J., and Burchfiel, B.C., 1966, Geologic map of the Striped Hills quadrangle, Nye County, Nevada: U.S. Geological Survey Open-File Report TEI-863, 1 sheet.
- McKay, E.J., and Sargent, K.A., 1970, Geologic map of the Lathrop Wells quadrangle, Nye County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-883, 1 sheet, map scale 1:24,000.
- McKay, E.J., Williams, W.P., 1963, Geology of Jackass Flats Quadrangle, Nevada Test Site, Nevada, US Geological Survey, Report TEI-843.

- McKay, E.J., Williams, W.P., 1964, Geology of the Jackass Flats quadrangle, Nye County, Nevada, U.S. Geological Survey Geologic Quadrangle Map GQ-368, map scale 1:24,000.
- McKee, E.H., 1968, Age and rate of movement on the northern part of the Death Valley-Furnace Creek fault zone, California: Geological Society of America Bulletin, v. 79, p. 509-512. T
- McKee, E.H., 1985, Geologic map of the Magruder Mountain quadrangle, Esmeralda County, Nevada, and Inyo County, California: U.S. Geological Survey Geologic Quadrangle Map GQ-1587, scale 1:62,500. M
- McKee, E.H., 1997, Evaluation of geologic structure guiding ground water flow south and west of Frenchman Flat, Nevada Test Site: U.S. Geological Survey Open-File Report 97-734, 26 p. (T,H)
- McKee, E.H., and Gangloff, R.A., 1969, Stratigraphic distribution of archaeocyathids in the Silver Peak Range and the White and Inyo Mountains, western Nevada and eastern California: Journal of Paleontology, v. 43, no. 3, p. 716-726.
- McKee, E.H., and Nash, D.B., 1967, Potassium-argon ages of granitic rocks in the Inyo Batholith, east-central California: Geological Society of America Bulletin, v. 78, p. 669-679.
- McKee, E.H., and Nash, D.B., 1984, Mineral resources and resource potential of the Hunter Mountain Wilderness Study Area, Inyo County, California, United States Department of the Interior, Geological Survey, 10 pages.
- McKee, E.H., and Nelson, C. A., 1967, Geologic Map of the Soldier Pass Quadrangle, California and Nevada: Geologic Quadrangle Map, Soldier Pass Quadrangle, California-Nevada, CQ-654, 1:62,500.
- McKee, E.H., Diggles, M. F., Donahoe, J. L. and Elliot, G. S., 1982, Geologic Map of the White Mountain Wilderness and Roadless Areas, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1361-A, scale 1:62,500.
- McKee, E.H., Wickham, T.E., and Wheeler, K.L., 1998, Evaluation of faults and their effect on ground-water flow southwest of Frenchman Flat, Nye and Clark Counties, Nevada: U.S. Geological Survey Open-File Report 98-580, 24 p. and 4 sheets.
- McKee, Edwin H., 1962, The stratigraphy and structure of a portion of the Magruder Mountain-Soldier Pass quadrangles, California-Nevada: Unpublished Ph.D. dissertation, University of California at Berkeley. (incomplete reference).
- McKenna, L.W. and Hodges, K.V., 1990, Constraints on the kinematics and timing of late Miocene-Recent extension between the Panamint and Black Mountains, southeastern California, in Wernicke, B. P., ed., Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada: Boulder, Colorado, Geological Society of America Memoir 176, p. 363-376, map scale 1:5,840. T,C
- McKenna, L.W., 1986, New Rb-Sr constraints on the age of detachment faulting in the Panamint Range, Death Valley, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 18, no. 2, p. 156.
- McKenna, L.W., 1989, Structural uncoupling of adjacent Pliocene-Recent extensional basins, Panamint Valley, SE California: Geological Society of America, Cordilleran Section, 85th annual meeting, Rocky Mountain Section, 42nd annual meeting, Abstracts with Programs, v. 21, p. 116.
- McKenna, L.W., and Snee, L.W., 1990, Timing of movement and strain rate of Cenozoic extensional faulting in the Death Valley area, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 22, p. A227.
- McKenna, L.W., Hodges, K.V., 1988, A late Miocene extensional duplex, E. Panamint Range, Death Valley, CA: Geological Society of America, Cordilleran Section, 84th annual meeting, Abstracts with Programs, v. 20, p. 214.
- McKenna, L.W., Hodges, K.V., Dymek, R.F., et al., 1989, Constraints on middle Miocene-Recent extension, Death Valley region, Basin and Range Province: Geological Society of America, 1989 annual meeting, 21, 353.
- McKenna, L.W., III, 1986, New Rb-Sr constraints on the age of detachment faulting in the Panamint Range, Death Valley, CA: Geological Society of America, Cordilleran Section, 82nd annual meeting, Abstracts with Programs, v. 18, p. 156.
- McKenna, L.W., III, 1990, Processes of continental extension as viewed from the Death Valley region, California, Cambridge MA, Massachusetts Institute of Technology. (incomplete reference)
- McKenna, L.W., Snee, L.W., 1990, Timing of movement and strain rate of Cenozoic extensional faulting in the Death Valley area, California: Geological Society of America, 1990 annual meeting, Abstracts with Programs, v. 22, p. 227.
- McKenna, L.W., Stern, S.M., Whitmarsh, R., et al., 1993, Pre-Late Jurassic extension and subsequent East Sierran thrusting in the southern Cordillera of California: Geological Society of America, 1993 annual meeting, Abstracts with Programs, v. 25, p. 284.

- McKenna, M.C., Flynn, J.J., Flynn, J.J., et al., 1989, Kemmerer, Wyoming to Thermopolis, Wyoming— Mesozoic/Cenozoic vertebrate paleontology—Classic localities, contemporary approaches: Field trips for the 28th International Geological Congress, p. 29-33. (incomplete reference)
- McKenna, S.A., 1984, Importance of debris deposition in an arid climate: a study and proposal, 20 pp. ill.; graphs; tabs. (incomplete reference)
- McKenzie, D.H., Cadwell, L.L., Eberhardt, L.E., Kennedy, Jr., W.E., Peloquin, R.A., and Simmons, M.A., 1982, Relevance of biotic pathways to the long-term regulation of nuclear waste disposal—Topical report on reference western arid low-level sites: Richland, Wash., Pacific Northwest Laboratory Report PNL-4241, v. 2, NUREG/CR-2675, 94 p.
- McKeown, F.A., Healey, D.L., and Miller, C.H., 1976, Geologic map of the Yucca Lake quadrangle, Nye County, Nevada: U.S. Geological Survey Map GQ-1327, map scale 1:24,000.
- McKinley, P.W., and Oliver, T.A., 1995, Meteorological, stream-discharge, and water quality data for water year 1992 from two basins in central Nevada: U.S. Geological Survey Open-File Report 94-456, 56 p.
- McKinley, P.W., Long, M.P., and Benson, L.V., 1991, Chemical analyses of water from selected wells and springs in the Yucca Mountain area, Nevada and southeastern California: U.S. Geological Survey Open-File Report 90-355, 47 p., 1 plate.
- McKittrick, M.A., 1988, Surficial geologic map of the Resting Springs and Nopah Ranges, Inyo County, California, and Nye County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1941, scale 1:62,500. (N,Q,M,T)
- McLane, A., 1971, The crisis of the Devils Hole pupfish, Devils Hole, Nevada: National Speleological Society, v. 29, no. 4, 39 p.
- McMackin, M.M., 1983, The nature of extensional faulting between the Mesquite Mtns. and the Kingston Range, San Bernardino County, California: Geological Society of America, Rocky Mountain Section, 36th annual meeting, Abstracts with Programs, v. 15, p. 419.
- McMackin, M.R., 1988, Cenozoic sedimentation and tectonics of the Kingston Range, *in* Weide, D.L., and Faber, M.L., eds., This extended land, geological excursions in the southern Basin and Range: Department of Geosciences, University of Nevada, Las Vegas, Guide Cordilleran Section, Geological Society of America, p. 221-222.
- McMackin, M.R., 1992, Tectonic evolution of the Kingston Range, Death Valley, California: University Park, Pennsylvania, Pennsylvania State University, Ph. D. dissertation, 158 p., scale of accompanying map 1:100,000.
- McMackin, M.R., and Prave, A.R., Geologic map of the Valjean Hills quadrangle, California-San Bernardino County, 7.5 Minute Series unpublished, scale 1:24,000. (incomplete reference)
- McMackin, M.R., Geologic map of the Stump Spring quadrangle, California-Nevada, and the adjacent part of the Calvada Spring quadrangle, California, 7.5 Minute Series, unpublished, scale 1: 24,000. (incomplete reference)
- McWhinnie, S.T., 1984, The influence of structural controls on Mosaic Canyon, Death Valley, California, 8 pp. graphs; photos; maps. (incomplete reference)
- Means, T.H., 1932, Death Valley: San Francisco, California, Sierra Club Bulletin, v. 17, p. 67-76.
- Meek, N. and anonymous, 1996, The shorelines and lakes of Death Valley: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 459.
- Meek, N., 1997, The elevation of shorelines in Death Valley: San Bernardino County Museum Association Quarterly, v. 44, no. 2, p. 75-84.
- Mehring, P.J., Jr., and Haynes, C.V., Jr., 1909, Some desert watering places in southeastern California and southwestern Nevada, United States Geological Survey, United States Geological Survey Water Supply Paper 224, 98 p.
- Mehring, P.J., Jr., and Haynes, C.V., Jr., 1957, Pennsylvanian and Permian rocks of the southern Inyo Mountains, California, United States Geological Survey, United States Geological Survey Bulletin 1061-A, 15 p.
- Mehring, P.J., Jr., and Haynes, C.V., Jr., 1963, Geology of the Cerro Gordo mining district, Inyo County, California, United States Geological Survey, United States Geological Survey Professional Paper 408, 83 p.
- Mehring, P.J., Jr., and Haynes, C.V., Jr., 1972, Water level fluctuations, Devils Hole, Nevada: University of Nevada at Las Vegas, Desert Research Institute, 12 p. (incomplete reference)
- Mehring, P.J., Jr., and Haynes, C.V., Jr., 1972, Water level fluctuations, Devils Hole, Nevada. (incomplete reference)

- Mehring, P.J., Jr., and Warren, C.N., 1976, Marsh, dune and archeological chronology, Ash Meadows, Amargosa Desert, Nevada, *in* Elston, Robert, and Hendrick, Patricia, eds., *Holocene environmental change in the Great Basin: Nevada Archeological Survey Research Paper No. 6*, p. 120-150.
- Mehring, Peter J., Jr., 1967, Pollen analysis and the alluvial chronology: *The Kiva (Journal of the Arizona Archaeological and Historical Society)*, v. 32, no. 3, p. 96-101.
- Mehring, Peter J., Jr., 1967, Pollen analysis of the Tule Springs area Nevada: Carson City, NV, Nevada State Museum, Nevada State Museum Anthropological Papers Number 13, 411 p.
- Mehring, Peter J., Jr., January 6 1972, letter to Peter G. Sanchez, Resource Management Specialist, Death Valley National Monument, California: Pullman WA. 3 p.
- Mehuys, G.R., Stolzy, L.H., Letey, J., and Weeks, L.V., 1975, Effect of stones on the hydraulic conductivity of relatively dry desert soils: *Soil Science Society of America Journal*, v. 39, p. 37-42.
- Meinzer, O.E., 1917, *Geology and water resources of Big Smoky, Clayton, and Alkali Spring Valleys, Nevada: U.S. Geological Survey Water-Supply Paper 423*, 167 p.
- Melhuish, A., Van Dissen, R. and Berryman, K., 1996, Mount Stewart-Halcombe Anticline—A look inside a growing fold in the Manawatu region, New Zealand: *New Zealand Journal of Geology and Geophysics*, v. 39, 123-133.
- Melton, F.A., 1940, A tentative classification of sand dunes: *Journal of Geology*, v. 5, no. 48, p. 113-173.
- Mendenhall, W.C., 1909, Some desert watering places in southeastern California and southwestern Nevada: *U.S. Geological Survey Water-Supply Paper 224*, 93 p., 4 plates.
- Menking, K.M., Bischoff, J.L. and anonymous, 1995, Sub-Milankovitch climatic variations recorded in Core OL-92, Owens Lake, southeastern California: *EOS [Transactions of American Geophysical Union]*, 1995 spring meeting, v. 76, p. 308.
- Menking, K.M., Bischoff, J.L., Fitzpatrick, J.A., et al., 1997, Climatic/hydrologic oscillations since 155,000 yr B.P. at Owens Lake, California, reflected in abundance and stable isotope composition of sediment carbonate: *Quaternary Research*, v. 48, p. 58-68.
- Menking, K.M., Musler, H.M., Anderson, R.S., et al., 1993, Sedimentary analyses of the Owens Lake core, eastern California, and their relations to climate change: *EOS [Transactions of American Geophysical Union]*, 1993 fall meeting, v. 74, p. 364.
- Meremonte, M.E. and Rogers, A.M., 1980, *Historical Catalog of Southern Great Basin Earthquakes 1868-1978: U. S. Dept. of Interior, Geological Survey, USGS-OFR-87-80*, 29 p.
- Merriam, C.W., 1963, *Geology of the Cerro Gordo mining district, Inyo County, California: US Geological Survey Professional Paper 408*, 83 p.
- Merriam, Charles W., 1954, Rocks of Paleozoic age in southern California, *in* Jahns, R.H., ed., *Geology of southern California, California Department of Natural Resources, Division of Mines Bulletin 170, Chapter III*, p. 9-14.
- Merrill, Foster, 1973, Ordovician receptaculitids from California and their significance: *Lethaia*, v. 5, p. 35-65.
- Merritts, D.J., 1983, Segmentation on the Surprise Canyon alluvial fan, Panamint Valley, southeastern California: (incomplete reference).
- Messina, P., 1996, Sliding rock phenomena of California and Nevada as a record of aeolian processes: implications for topographic wind forcing [progress report]. (incomplete reference)
- Messina, P., 1996, The wayward rocks of Racetrack Playa: *GeoNews*, v. 8, no. 4, p. 1, 3-5.
- Messina, P., 1997, Valley of wayward rocks: *GPS World Showcase*, v. 8, no. 8, p. 27.
- Messina, P., 1998, The sliding rocks of Racetrack Playa, Death Valley National Park, California: Physical and spatial influences on surface processes, City University of New York. (incomplete reference)
- Messina, P., Stoffer, P., and Clarke, K.C., 1992, Ground-water level trends in monitored basins in the State of Nevada, State of Nevada, Division of Water Planning, 230 pages.
- Messina, P., Stoffer, P., and Clarke, K.C., 1997, From the XY Files—Mapping Death Valley's wandering rocks: *GPS World*, April 1997, p. 34, 36, 38, 40, 42, and 44.
- Messina, P., Stoffer, P.W., Clarke, K.C., and Sharp, R.V., 1996, Sliding rock phenomena on playas of Death Valley, California as a record of aeolian processes—Implications for topographic wind forcing: *Geological Society of America, 28th annual meeting, Abstracts with Programs*, v. 28, p. 306.

- Meurer, K.J., 1992, Tectonic evolution of Smith Mountain-Gold Valley region, Death Valley, California: Unpublished Masters Thesis, University of New Orleans, New Orleans, LA, 96 p.
- Meurer, K.J., and Pavlis, T., 1991, Evolution of the Black Mountains crustal block, Death Valley, California—Two component rotation during Neogene extension: EOS [Transactions of American Geophysical Union], 1991 Fall Meeting Supplement, v. 72, no. 44, p. 469.
- Meyer, G.L., and Smith, R.E., 1964, Summary of hydraulic data, quality of water, and lithologic log for Army Well 1, Mercury Valley, Nye County, Nevada: U.S. Geological Survey Technical Letter NTS-71, 14 p.
- Michael, E.D., 1966, Large lateral displacement on Garlock fault, California, as measured by offset fault system: Geological Society of America Bulletin, v. 77, p. 111-114.
- Mifflin, M.D., 1968, Delineation of ground-water flow systems in Nevada: University of Nevada at Las Vegas, Center for Water Resources Research, Desert Research Institute, Water Resources Center, Technical Report Series H-W, Publication 4, 110 pages (and Office of Water Resources Research, Technical Report H-W 4, 44 p).
- Mifflin, M.D., 1988, Region 5, Great Basin, *in* Back, W., Rosenshein, J.S., and Seaber, P.R., editors., Hydrogeology: Boulder, CO, Geological Society of America, The Geology of North America, V. 0-2, p. 69-78.
- Mifflin, M.D., and Hess, J.W., 1979, Regional carbonate flow systems in Nevada, *in* Back, W., and Stephenson, D.A., eds., Contemporary hydrogeology—The George Burke Maxey Memorial Volume: Journal of Hydrology, v. 43, p. 217-235.
- Mifflin, M.D., and Quade, Jay, 1988, Palaeohydrology and hydrology of the carbonate rock province of the Great Basin (east-central to southern Nevada), *in* 1988 Field trip guidebook: Geological Society of America, Centennial Meeting, Professional Contributions, Colorado School of Mines, no. 12. (incomplete reference)
- Mifflin, M.D., and Wheat, M.M., 1979, Pluvial lakes and the estimated pluvial climate of Nevada: Reno, Water Resources Center, Desert Research Institute, Nevada Bureau of Mines and Geology Bulletin 94, 57 p.
- Miller, D., 1970, Data on water resources of the Hunter Mountain area, Death Valley National Monument, California, United States Geological Survey, United States Geological Survey Open-File Report 70-226, 22 p.
- Miller, D., 1979, Mojave mining memories.: Desert Mag. v. 42, no. 7, p. 20-23.
- Miller, E.L., 1977, Deformation of Pepsilon clastics and Paleozoic platform carbonates and their relationship to the Fairview Valley Formation near Victorville, California: Geological Society of America, Cordilleran Section, 73rd annual meeting, Abstracts with Programs, v. 9, p. 467.
- Miller, E.L., Gans, P.B., and Garing, J., 1983, The Snake Range decollement, an exhumed mid-Tertiary ductile-brittle transition: Tectonics, v. 2, p. 239-263.
- Miller, G.A., 1970, Data on water resources of the Hunter Mountain Area, Death Valley National Monument, California: U.S. Geological Survey Open-File Report, Menlo Park, California, November 13, 1970, 22 p.
- Miller, G.A., 1970, Ground water in Death Valley, California, *in* Gasch, Jerrie W., and Matthews, Robert A., Editors, Geologic guide to the Death Valley area, California, Geological Society of Sacramento, Annual Field Trip Guidebook 1970, p. p. 33-39, 73 p. + Appendix III (12 p.).
- Miller, G.A., 1971, Water quality analysis of Grapevine Springs: US Geological Survey. (incomplete reference)
- Miller, G.A., 1972, Preliminary generalized geologic map of the northern part of Death Valley, California: U.S. Geological Survey Administrative Report, 1 sheet. (incomplete reference)
- Miller, G.A., 1975, Reconnaissance appraisal of the water resources of Death Valley California- Nevada PU U.S. Geological Survey, 131 pp. tabs.; maps; ill.
- Miller, G.A., 1977, Appraisal of the Water Resources of Death Valley, California-Nevada: U.S. Geological Survey, Open-File Report 77-728, 68 p.
- Miller, J., 1984, Normal faulting: a result of continual displacement along the Black Mountain frontal fault, 19 pp. maps; graphs; ill.
- Miller, J.M., 1987, Tectonic evolution of the southern Panamint Range, Inyo and San Bernardino Counties: California Geology, p. 212-220.
- Miller, J.M.G., 1979, Evidence for Precambrian glaciation in the Death Valley region, *in* Abstracts, 2nd Conference on Scientific Research in the national parks, San Francisco, CA, November 26 1979-November 30 1979, p. 149.

- Miller, J.M.G., 1982, Glaciation and tectonism recorded by the Kingston Peak Formation, southern Panamint Range, eastern California: Geological Society of America, Cordilleran Section, 78th annual meeting, Abstracts with Programs, v. 14, p. 217.
- Miller, J.M.G., 1982, Kingston Peak Formation in the southern Panamint Range: a glacial interpretation, *in* Cooper, J. D., Troxel, B. W., and Wright, L. A., Editors, Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook for field trip no. 9, 78th Anniversary Meeting of Cordilleran Section, Geological Society of America, Death Valley Publishing Company, p. p. 155-164.
- Miller, J.M.G., 1983, Stratigraphy and sedimentology of the Upper Proterozoic Kingston Peak Formation, Panamint Range, eastern California, Santa Barbara, CA, University of California, Santa Barbara. (incomplete reference)
- Miller, J.M.G., 1983, Upper Precambrian unconformity within the Kingston Peak Formation, Panamint Range, eastern California: Geological Society of America, Rocky Mountain Section, 36th annual meeting, Cordilleran Section, 79th annual meeting, v. 15, p. 424.
- Miller, J.M.G., 1985, Geologic map of a portion of the Manly Peak quadrangle, southern Panamint Range, California: California Division of Mines and Geology, Open-File Report 85-9 LA, map scale 1:24,000.
- Miller, J.M.G., 1985, Glacial and syntectonic sedimentation, the upper Proterozoic Kingston Peak Formation, southern Panamint Range, eastern California: Geological Society of America Bulletin, v. 96, p. 1537-1553.
- Miller, J.M.G., 1987, Paleotectonic and stratigraphic implications of the Kingston Peak-Noonday contact in the Panamint Range, eastern California: Journal of Geology, v. 95, p. 75-85.
- Miller, J.M.G., 1987, Tectonic evolution of the southern Panamint Range, Inyo and San Bernardino counties: California Geology, v. 40, p. 212-222.
- Miller, J.M.G., 1988, Tectonic evolution of the southern Panamint Range, Inyo and San Bernardino counties Gregory, Jennifer L., and Baldwin, E. Joan, Editors, Geology of the Death Valley region, South Coast Geological Society, Inc., p. 206-216, 429 p.
- Miller, J.M.G., Cooper, J.D., Troxel, B.W., et al., 1982, Kingston Peak Formation in the southern Panamint Range—A glacial interpretation: Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California, p. 155-164. (incomplete reference)
- Miller, J.M.G., Nriagu, J.O. and Troost, R., 1982, Upper Precambrian glaciomarine shelf sedimentation, Kingston Peak Formation, eastern California: Eleventh International Congress on Sedimentology, v. 11, p. 77.
- Miller, J.M.G., Troxel, B.W., and Wright, L.A., 1988, Stratigraphy and paleogeography of the Proterozoic Kingston Peak Formation, Death Valley region, eastern California Gregory, Jennifer L., and Baldwin, E. Joan, Editors, Geology of the Death Valley region, South Coast Geological Society, Inc., p. p. 118-142, 429 p.
- Miller, J.M.G., Wright, L.A. and Troxel, B.W., 1984, Correlations within the Proterozoic Kingston Peak Formation, Death Valley region, eastern California: Geological Society of America, 97th annual meeting, Abstracts with Programs, v. 16, p. 597.
- Miller, J.M.G., Wright, L.A., and Troxel, B.W., 1981, The Late Precambrian Kingston Peak Formation, Death Valley region, California, *in* Hambrey, M. J., and Harland, W. B., Editors, Earth's Pre-Pleistocene glacial record, Cambridge University Press, p. 745-748.
- Miller, Julia M.G., 1983, Stratigraphy and sedimentology of the upper Proterozoic Kingston Peak Formation, Panamint Range, eastern California: Unpublished Ph.D. dissertation, University of California at Santa Barbara, 355 p.
- Miller, M. Meghan, Golombek, Matthew P., Dokka, Roy K., and Fisher, S., 1992, Distribution of contemporary slip in the Mojave desert and Walker Lane—A Global Positioning System (GPS) experiment, *in* Richard, S.M., Deformation associated with the Neogene eastern California shear zone, southeastern California and southwestern Arizona: San Bernardino County Museum Special Publication, Redlands, California, p. 59-63. (incomplete reference)
- Miller, M.G., 1988, Brittle faults on the Badwater Turtleback, Death Valley, California. Evidence for a change from regional to local extension: Geological Society of America Bulletin Abstracts with Programs, v. 20, p. 216-217.
- Miller, M.G., 1990, The Badwater Turtleback detachment, Black Mtns., Death Valley, CA: A series of rotated normal faults: Geological Society of America Bulletin Abstracts with Programs, v. 22, p. 93.
- Miller, M.G., 1990, The Badwater Turtleback fault, Black Mountains, Death Valley, California: its geometry and lower plate deformation [Abstract]: Geological Society of America, Abstracts With Programs, v. 22, no. 3, p. 68-69.

- Miller, M.G., 1991, Field evidence for syntectonic intrusive origin of mylonitic rocks in the footwall of a metamorphic core complex, Badwater Turtleback, Death Valley, California: *The Geological Society of America Abstracts With Programs*, v. 23, no. 5, p. A189.
- Miller, M.G., 1991, High-angle origin of the currently low-angle Badwater Turtleback fault, Death Valley, California: *Geology*, v. 19, no. 4, p. 372-375. T
- Miller, M.G., 1991, Initiation of brittle faults in a mylonite zone, Death Valley, CA: *EOS*, v. 72, p. 450.
- Miller, M.G., 1992, Brittle faulting induced by ductile deformation of a rheologically stratified rock sequence, Badwater Turtleback, Death Valley, California: *Geological Society of America Bulletin*, v. 104, p. 1376-1385.
- Miller, M.G., 1992, Origin and evolution of extensional faults within the ductile-to-brittle transition, Badwater Turtleback, Death Valley, CA: *Geological Society of America Bulletin Abstracts with Programs*, v. 24, p. 323-324.
- Miller, M.G., 1992, Structural and kinematic evolution of the Badwater turtleback, Death Valley, California: Seattle, Washington, University of Washington, Ph. D. dissertation, 155 p.
- Miller, M.G., 1993, Reactivation of normal faults as gravity sliding surfaces, Death Valley, CA:—Criteria to distinguish between tectonic and gravity-driven features: *Geological Society of America Abstracts with Programs*, v. 25, p. 166.
- Miller, M.G., 1996, Ductile flow in shear and fault zones as a cause of local strengthening and unstable sliding: *Geological Society of America Abstracts with Programs*, v. 28, p. 189.
- Miller, M.G., 1996, Ductility in fault gouge from a normal fault system, Death Valley, California—A mechanism for fault-zone strengthening and relevance to paleoseismicity: *Geology*, v. 24, no. 7 p. 603-606.
- Miller, M.G., 1999, in press, Extension related gravitational reactivation of the margin of the central Death Valley basin, *in* L. A. Wrig B. W. Troxel eds., *Cenozoic basins of the Death Valley region: Geological Society of America Special Paper*. 333.
- Miller, M.G., and Friedman, R.M., 1999, Early Tertiary magmatism and probable Mesozoic fabrics in the Black Mountains, Death Valley, California: *Geology*, v. 27, p. 19-22.
- Miller, M.G., Gravitational reactivation of a normal fault system, Badwater Turtleback, Death Valley, CA, *in* Wright, L.A., and Troxel, B.W., eds., *Cenozoic Basins of the Death Valley Region: Geological Society of America Special Paper 333*, in press.
- Miller, M.G., Implications of ductile strain on the Badwater Turtleback for pre-14 Ma extension in the Death Valley region, California, *in* Wright, L.A., and Troxel, B.W., eds., *Cenozoic Basins of the Death Valley Region: Geological Society of America Special Paper 333*, in press.
- Miller, M.G., Zoback, M.L. and Rowland, S.M., 1990, The Badwater Turtleback Fault, Black Mountains, Death Valley, CA—Its geometry and lower plate deformation: *Geological Society of America, Cordilleran Section, 86th annual meeting, Abstracts with Programs*, v. 22, p. 68.
- Miller, M.M., Golombek, M.P., and Dokka, R.K., 1991, Mojave Desert and adjacent structural domains - Report on the first GPS (Global Positioning System) occupation: *Jet Propulsion Laboratory, Pasadena, California*, 8 p., 10 Appendix.
- Miller, M.M., Johnson, D., Whitehill, C.S., et al., 1996, Modern deformation in the Eastern California shear zone from GPS geodesy, co-seismic, post-seismic and secular deformation, 1991 to 1994: *Geological Society of America, 28th annual meeting: Geological Society of America, 28th annual meeting*, 28, 451.
- Miller, M.M., Webb, F.H., Twonsend, D., Golombek, M.P., and Dokka, R.K., 1993, Regional coseismic deformation from the June 28, 1992, Landers, California, earthquake—Results from the Mojave GPS network: *Geology*, v. 21, p. 868-872.
- Miller, M.R., Hardman, G., and Mason, H.G., 1953, *Irrigation waters of Nevada: University of Nevada, Agricultural Experimental Station, Bulletin 187*, 63 p.
- Miller, M.S., 1985, *Mineral resources of the Resting Spring Range Wilderness Study Area (BLM No. CDCA-145), Inyo County, California: (incomplete reference)*
- Miller, Martin Gregg., 1992, *Structural and kinematic evolution of the Badwater Turtleback, Death Valley, California: Unpublished Ph.D. dissertation, University of Washington, Seattle, Washington*, 149 p.
- Miller, R.H., and Hanna, F.M., 1972, Silurian conodonts from Death Valley, California—Preliminary Report: *Journal of Paleontology*, v. 46, no. 6, p. 922-924.
- Miller, R.H., 1973, Silurian conodonts from Death Valley, California: *The American Association of Petroleum Geologists Bulletin*, v. 57, p. 795.

- Miller, R.H., 1975, Late Ordovician-early Devonian conodont biostratigraphy, southwestern Great Basin: Geological Society of America, Cordilleran Section, 71st annual meeting, Abstracts with Programs, no. 7, p. 349-350. (incomplete reference)
- Miller, R.H., 1975, Late Ordovician-Early Silurian conodont biostratigraphy, Inyo Mountains, California: Geological Society of America Bulletin, v. 86, p. 159-162.
- Miller, R.H., 1976, Revision of upper Ordovician, Silurian, and lower Devonian stratigraphy, southwestern Great Basin: Geological Society of America Bulletin, v. 87, p. 961-968.
- Miller, R.H., 1978, Early Silurian to early Devonian conodont biostratigraphy and depositional environments of the Hidden Valley Dolomite, southeastern California: Journal of Paleontology, v. 52, no. 2, p. 323-344.
- Miller, R.H., 1982, Ordovician and Silurian stratigraphy and depositional environments, Nopah Range, southwestern Great Basin, *in* Cooper, J. D., Troxel, B. W., and Wright, L. A., Editors, Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook for field trip no. 9, 78th Anniversary Meeting of Cordilleran Section, Geological Society of America: Shoshone CA 92384, Death Valley Publishing Company, p. p. 117-128, 202 p.
- Miller, R.H., and Paden, E.A., 1976, Upper Cambrian stratigraphy and conodonts from eastern California: Journal of Paleontology, v. 50, p. 590-597.
- Miller, R.H., and Paden, E.A., 1976, Upper Cambrian stratigraphy and conodonts from eastern California: Journal of Paleontology, v. 50, no. 4, p. 590-597.
- Miller, R.H., and Sundberg, F.A., 1984, Boring Late Cambrian organisms: Lethaia, v. 17, p. 185-190.
- Miller, R.H., and Walsh, C.A., 1977, Depositional environments of Upper Devonian through Lower Devonian rocks in the southern Great Basin, *in* Stewart, J. H. and Fritch, A. E., eds., Paleozoic paleogeography of the western United States: Society of Economic Paleontologists and Mineralogists, Pacific Section, Pacific Coast Paleogeography Symposium 1, p. 165-180.
- Miller, R.H., Cooper, J.D., and Sundberg, F.A., 1981, Upper Cambrian faunal distribution in southeastern California and southern Nevada, *in* Short papers for the Second International Symposium on the Cambrian System, United States Geological Survey, United States Geological Survey Open-File Report 81-731 [or 81-743 (?)], Extent unknown .
- Miller, R.H., Cooper, J.D., Troxel, B.W., et al., 1982, Ordovician and Silurian stratigraphy and depositional environments, Nopah Range, southwestern Great Basin: Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California, p. 117-128. (incomplete reference)
- Miller, R.H., Sundberg, F.A., Harma, R.H., et al., 1981, Late Cambrian stratigraphy and conodonts of southern Nevada: Alcheringa, v. 5, p. 183-193.
- Miller, R.J., and Wrucke, C.T., 1995, Age, chemistry, and geologic implications of Tertiary volcanic rocks in the Last Chance Range and part of the Saline Range, northern Death Valley region, California: Isochron/West, v. 62, p. 30-36.
- Miller, R.R., 1943, *Cyprinodon salinus*, a new species of fish from Death Valley, California: Copeia, v. 2, p. 69-78.
- Miller, R.R., 1946, Correlation between fish distribution and Pleistocene hydrography in eastern California and southwestern Nevada: Misc. Publ. Mus. Zool., Univ. Mich., v. 529, p. 1-42.
- Miller, R.R., 1946, Correlation between fish distribution and Pleistocene hydrography in eastern California and southwest Nevada, with a map of Pleistocene waters: Journal of Geology, v. 54, p. 43-54.
- Miller, R.R., 1948, The cyprinodont fishes of the Death Valley system of eastern California and southwestern Nevada: Miscellaneous Publications, Museum of Zoology, University of Michigan, v. 68, p. 1-155.
- Miller, R.R., 1950, Speciation in fishes of the genera *Cyprinodon* and *Empetrichthys* inhabiting the Death Valley region: Evolution, v. 4, no. 2, p. 155-163.
- Miller, R.R., 1977, Miller, R. R., D. L. Soltz, and P. G. Sanchez, editors, Fishes and aquatic resources; Death Valley System California/Nevada; a bibliography 1878-1976, 27 pp. maps.
- Miller, R.R., 1981, Coevolution of deserts and pupfishes (Genus *Cyprinodon*) in the American southwest Naiman, Robert J., and Soltz, David L., Editors, Fishes in North American deserts: New York, NY, John Wiley & Sons, p. pages 39 to 94.
- Miller, R.R., and Soltz, D.L.A.S.P.G., 1977, Fishes And Aquatic Resources Of The Death Valley System, California-Nevada, 1878-1976.: Sfa , v. 22, no. 3.

- Miller, Robert R., 1944, The fishes of the relict waters of the Pleistocene Death Valley Stream System, University of Michigan. (incomplete reference)
- Miller, Robert R., 1948, The cyprinodont fishes of the Death Valley system of eastern California and southwestern Nevada: University of Michigan Press, Ann Arbor, Michigan, 155 p. (incomplete reference)
- Miller, Robert R., 1985, Fishes and aquatic resources, Death Valley system, California/Nevada: a bibliography, 1878-1984: Las Vegas, NV, Cooperative National Park Resources Studies Unit, University of Nevada, Las Vegas, 35 p.
- Miller, W.J., 1928, Geology of Deep Springs valley, California: *Journal of Geology*, v. 36, p. 510-525. S
- Mills, S., 1982, The Burros In Death Valley.: *Oryx*, v. 16, no. 5, p. 411-414.
- Milne, W.K., Benson, L.V., and McKinley, P.W., 1987, Isotope content and temperature of precipitation in southern Nevada, August 1983-August 1986: U.S. Geological Survey Open-File Report 87-463, 32 p.
- Minette, J.W., and Muehle, Gerhard, 1974, Colemanite from the Thompson Mine, Death Valley: *The Mineralogical Record*, March-April, v. 5, p. 67-73.
- Minette, J.W., and Wilbur, D.P., 1973, Hydroboracite from the Thompson Mine, Death Valley: *The Mineralogical Record*, January-February, v. 4, p. 21-23.
- Minor, S.A., Sawyer, D.A., Wahl, R.R., Frizzell, V.A., Schilling, S.P., Warren, R.G., Orkild, P.P., Coe, J.A., Hudson, M.R., Fleck, R.J., Lanphere, M.A., Swadley, W.C., and Cole, J.C., 1993, Preliminary geologic map of the Pahute Mesa 30' x 60' quadrangle, Nevada: U.S. Geological Survey Open-File Report 93-299, 40 p., scale 1:100,000.
- MIT 1985 Field Geophysics Course, and Biehler, S., 1987, A geophysical investigation of the northern Panamint Valley, Inyo County, California: Evidence for possible low-angle normal faulting at shallow depth in the crust: *Journal of Geophysical Research*, v. 92, no. B10, p. 10,427-10,441. (T,G)
- Mitcham, R., Ford, T., and Von der Lippe, G., 1980, Death Valley National Monument: current mining and minerals situation. (incomplete reference)
- Mitcham, R.T., 1976, Revised critique of mines and mineral deposits, Death Valley National Monument, California: California Division of Mines and Geology, Special Report 125, 10 p.
- Mitcham, R.T., 1983, Mineral investigation of west slope of Ubehebe Peak, Death Valley National Monument: proposed exclusion from NPS management, Senate Bill S.1389.
- Mitchell, J.R., 1985, The minerals of Boron: *Jewelry Making Gems & Minerals*, v. 568, p. 64-67.
- Mitchell, P., Atkinson, K., Ming, D.W., et al., 1993, In-situ control of heavy metals dispersion, possible uses for natural zeolites: Zeolite '93, 4th International Conference on the Occurrence, Properties, and Utilization of Natural Zeolites, Program and abstracts volume, p. 143-144.
- Modugno, A., Pedone, V., 1993, The lithostratigraphy of the Middle to Upper Devonian Lost Burro Formation in the Panamint Mountains: American Association of Petroleum Geologists Pacific section meeting, v. 77, p. 710.
- Moench, R.H., 1965, Structural geology of the southern part of the Amargosa Desert and vicinity: U.S. Geological Survey Report USGS-474-253 [NTS-106], 21 p. Available only from National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.
- Molinari, M.P., 1984, Late Cenozoic geology and tectonics of Stewart and Monte Cristo valleys, west-central Nevada: (incomplete reference)
- Molnar, P., Jacob, K. and Sykes, L.R., 1969, Microearthquake activity in eastern Nevada and Death Valley, California, before and after the nuclear explosion Benham: *Bulletin of the Seismological Society of America*, v. 59, no. 6, p. 2177-2184.
- Monfort, M.E., and Evans, J.R., 1982, Three-dimensional modeling of the Nevada Test Site and vicinity from teleseismic P-wave residuals: U.S. Geological Survey Open-File Report 82-409, 66 p.
- Monsen, S.A., Carr, M.D., Reheis, M.C., and Orkild, P.P., 1990, Geologic map of Bare Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 90-25, 17 p., 1 sheet, map scale 1:24,000.
- Monson, S.A., Carr, M.D., Reheis, M.C., and Orkild, P.P., 1992, Geologic map of Bare Mountain, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-2201, scale 1:24,000, 6 p.with text.

- Montanez, I.P., Osleger, D.A., Loucks, R.G., et al., 1993, Parasequence stacking patterns, third-order accommodation events, and sequence stratigraphy of Middle to Upper Cambrian platform carbonates, Bonanza King Formation, southern Great Basin: Carbonate sequence stratigraphy, recent developments and applications: American Association of Petroleum Geologists Memoir 57, p. 305-326.
- Montanez, I.P., Osleger, D.A., Witzke, B.J., et al., 1996, Contrasting sequence boundary zones developed within cyclic carbonates of the Bonanza King Formation, Middle to Late Cambrian, southern Great Basin, *in* Paleozoic sequence stratigraphy—Views from the North American Craton: Geological Society of America Special Paper 306, p. 7-21.
- Montazer, P., and Wilson, W.E., 1984, Conceptual hydrologic model of flow in the unsaturated zone, Yucca Mountain, Nevada: U.S. Geological Survey Water-Resources Investigations Report 84-4345, 55 p.
- Mooney, H. A., St. Andre, G. and Wright, R. D., 1962, Alpine and Subalpine Vegetation Patterns in the White Mountains of California: The American Midland Naturalist, v. 68, p. 257-273.
- Mooney, W.D., Schapper, S.G., Oliver, H.W., et al., 1995, Seismic refraction investigations: Major results of geophysical investigations at Yucca Mountain and vicinity, southern Nevada, (Oliver, H.W., Ponce, D.A., and Hunter Clay, eds.): U.S. Geological Survey Open File Report, p. 99-119. (incomplete reference)
- Moore, J.E., 1961, Records of wells, test holes and springs in the Nevada Test Site and surrounding area: U.S. Geological Survey TEI-781, 22 p.
- Moore, J.G., 1960, Curvature of normal faults in the Basin and Range province of the western United States Short papers in the geological sciences, United States Geological Survey, United States Geological Survey Professional Paper 400-B, 515 p.
- Moore, J.N., 1976, Depositional environments of the Lower Cambrian Poleta Formation and its stratigraphic equivalents, California and Nevada: Brigham Young University Geology Studies, v. 23, no. 2, p. 23-38.
- Moore, S.C., 1974, Syn-batholithic thrusting of Jurassic (?) age in the Argus Range, Inyo Co., California [Abstract]: Geological Society of America, Abstracts With Programs, v. 6, p. 223.
- Moore, S.C., 1976, Geology and thrust fault tectonics of part of the Argus and Slate ranges, Inyo County, California, Seattle WA, University of Washington. (incomplete reference)
- Moore, S.C., 1976, Geology and thrust fault tectonics of parts of the Argus and Slate Ranges, Inyo County, California: Unpublished Ph.D. dissertation, University of Michigan, Ann Arbor, Michigan. (incomplete reference)
- Morefield, James D., 1993, Status report: *Astragalus lentiginosus* var. *sesquimetricus* (Rydberg) Barneby. (incomplete reference)
- Morgan, D.S., and Dettinger, M., 1994, Ground-water conditions in Las Vegas Valley, Clark County, Nevada part II. hydrogeology and simulation of ground-water flow: U.S. Geological Survey Open-File Report 90-179, 137 p.
- Morgan, D.S., and Fischer, J.M., 1984, Unsaturated zone instrumentation in coarse alluvial deposits of the Amargosa Desert near Beatty, Nevada [abs.]: Second National Symposium and Exposition on Ground-Water Instrumentation, Las Vegas, Nev., April 1984, Conference Program.
- Morgan, D.S., and Fischer, J.M., 1984, Unsaturated-zone instrumentation in coarse alluvial deposits of the Amargosa Desert near Beatty, Nevada: Proceedings of the Sixth Annual Participants' Information Meeting, Department of Energy Low-Level Waste Management Program, September 11-13, Denver, Colorado CONF-8409115, p. 617-630. Available from National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.
- Morgan, J.K., Cladouhos, T.T., Scharer, K.M., Cowan, D.S., and., 1996, Fractal particle size distributions in Death Valley fault zones—Controls on mechanics and kinematics of fault rocks: EOS [Transactions of the American Geophysical Union], 1996 Fall Meeting, v. 77, p. F718.
- Mori, J., Hudnut, K., Jones, L., Hauksson E., and Hutton, K., 1992, Rapid scientific response to Landers quake: EOS [Transactions of American Geophysical Union], v. 73, no. 39, p. 417-418.
- Morin, R.L., 1986, Principal facts for 106 gravity stations in and around the Resting Spring Range, Nopah Range, Kingston Range, Castle Peak, Cinder Cones, and Fort Piute Bureau of Land Management Wilderness Study Areas in southeastern California: U.S. Geological Survey Open-File Report. (incomplete reference)
- Morin, R.L., Chuchel, B.A., and Blakely, R.J., 1999, Principal facts for about 500 gravity stations in the vicinity of Amargosa Desert and Pahrump Valley, California and Nevada: U.S. Geological Survey Open-File Report 99-3118 p. (G)
- Moring, B., 1986, Reconnaissance surficial geologic map of northern Death Valley, California and Nevada: United States Geological Survey, Miscellaneous Field Studies Map MF-1770, 1 sheet, 1:62,500.

- Morrison, L.A., 1986, Water input, output, and storage/transfer processes at work along the Amargosa River Shoshone, California, 35 pp. tabs.; maps; ill.
- Morrison, R.B., 1965, Quaternary geology of the Great Basin, *in* Wright, Herbert E, et. al, The Quaternary of the United States—A review volume for the VII Congress of the International Association for Quaternary Research: Princeton University Press, Princeton, New Jersey, p. 265-285.
- Morrison, R.B., 1985, Pliocene/Quaternary geology, geomorphology, and tectonics of Arizona, *in* Weide, D.L., ed., Soils and Quaternary geology of the southwestern United States: Geological Society of America Special Paper 203, p. 123-146.
- Morrison, R.B., 1991, Quaternary stratigraphic, hydrologic, and climatic history of the Great Basin, with emphasis on Lakes Lahontan, Bonneville, and Tecopa, *in* Morrison, R.B., ed., Quaternary nonglacial geology—Conterminous U.S.: The Geology of North America, Geological Society of America, v. K-2, p. 1-12, 283-320.
- Morrison, R.B., 1997, Quaternary Geology of Tecopa Valley, California: a multi-million-year record and its relevance to the proposed nuclear waste repository at Yucca Mountain, Nevada, *in* Wright, L., ed., Tertiary Basins of Nevada and California. (incomplete reference)
- Morrison, R.B., 1999, in press, Lake Tecopa: Quaternary geology of Tecopa Valley, California, a million-year record and its relevance to the proposed nuclear-waste repository at Yucca Mountain, Nevada, *in* Wright, L. A., and Trowel, B. W., eds., Cenozoic basins of Death Valley region: Geological Society of America Special Paper 333.
- Mortimore, R.N., 1965, Geology of the Queen of Sheba lead mine, Death Valley, California: San Francisco, CA, California Division of Mines, California Division of Mines and Geology Special Report No. 88, 18 p.
- Mortimore, R.N., 1966, Reconnaissance report; Tufa Pinnacles, California, 9 p. photos. (incomplete reference)
- Morton, D.M. and Reynolds, J., 1995, U.S. Geological Survey participation in a California Desert Ecosystem Project: The 1995 Desert Research Symposium, Abstracts from proceedings, v. 42, p. 38. (incomplete reference)
- Morton, P.K., 1965, Geology of the Queen of Sheba lead mine, Death Valley, California: California Division of Mines and Geology, Special Report 88, 18 p., 1 plate, map scale 1:1,800.
- Motts, W. S., editor, 1970, Geology and hydrology of selected playas in western United States PU University of Massachusetts - Amherst, 287 pp. photos; ill.; graphs; maps; charts; tabs.; figs.
- Mount, J.D., 1991, An Early Cambrian fauna from the Carrara Formation, Emigrant Pass, Nopah Range, Inyo County, California—A preliminary note: Bulletin of the Southern California Paleontological Society, v. 23, p. 27-29.
- Mount, J.D., and Maxwell, J.M., 1983, An Early Cambrian fauna from the Carrara Formation, Emigrant Pass, Nopah Range, Inyo County, California, *in* Trilobites—Creatures of the Paleozoic seas: Southern California Paleontological Society Special Publication 3, p. 73-75.
- Mount, J.D., and Mount, J.D., 1980, An Early Cambrian fauna from the Carrara Formation, Emigrant Pass, Nopah Range, Inyo County, California—A preliminary note, *in* Paleontological tour of the Mojave Desert, California-Nevada: Southern California Paleontological Society Special Publications 3, p. 78-80.
- Mount, J.F., 1969, Water wells and springs in Panamint, Searles and Knob Valleys, San Bernardino and Inyo counties, California, US Geological Survey, California Department of Water Resources Bulletin No. 91-17, 110 p.
- Mount, J.F., 1980, The environmental stratigraphy and depositional systems of the Precambrian (?) - Cambrian Campito Formation, eastern California and western Nevada, Santa Cruz, CA, University of California, Santa Cruz. (incomplete reference)
- Mount, J.F., 1996, Seismic refraction investigation, 100+ pages.(incomplete reference)
- Mount, J.F., and Rowland, S.M., 1981, Grand Cycle A (Lower Cambrian) of the southern Great Basin: a product of differential rates of relative sea-level rise, *in* Short papers for the Second International Symposium on the Cambrian System, United States Geological Survey, United States Geological Survey Open-File Report 81-743 [or 81-731 (?)], Extent unknown .
- Mount, J.F., Gevirtzman, D.A., and Signor, Philip W., 1983, Precambrian-Cambrian transition problem in western North America—Part 1, Tommotian fauna in the southwestern Great Basin and its implication for the base of the Cambrian system: Geology, v. 11, no. 4, p. 224-226.
- Moyer, T.C., Geslin, J.K., and Buesch, D.C., 1996, Summary of lithologic logging of new and existing boreholes at Yucca Mountain, Nevada, July 1994 to November 1994: U.S. Geological Survey Open-File Report 95-102. (incomplete reference)

- Moyle, P.R., 1996, Seismic refraction investigation conducted in conjunction with a hydrologic study of the Amargosa River at the Saddle Peak Hills notch, Death Valley National Park, San Bernardino County, California: Private Consultant, Mineral Deposit Investigation and Appraisal-Environmental Site Assessments, 11905 North Atlantic Street, Spokane, Washington, 3 p., 2 appendix, 9 figures.
- Moyle, W. R., Jr., and Blasz, R. L., 1977, Field notes and pictures for Travertine and Neveras Springs, Death Valley National Monument 1976 and 1977 [color photographs with diagrams and text], 1 vol., unpublished report. (incomplete reference)
- Moyle, W.R., Jr., 1969, Water wells and springs in Panamint, Searles, and Knob Valleys, San Bernardino and Inyo Counties, California: California Department of Water Resources, Bulletin No. 91-17, 110 p .
- Moyle, W.R., Jr., 1974, Geohydrologic map of southern California: U.S. Geological Survey Water-Resources Investigations Open-File Report 48-73, 1 Sheet.
- Muehlberger, W. R., 1954, Geology of the Quail Mountains, San Bernardino County, California: California Division of Mines and Geology, Geology of southern California, California Division of Mines and Geology Bulletin 170, 1 sheet .
- Muehle, G., 1974, Colemanite pseudomorphs from the Corkscrew Mine, Death Valley, California.: Mineral. Rec. v. 5, no. 4, p. 175-177.
- Muessig, Siegfried, 1959, Primary borates in playa deposits: Economic Geology, v. 54, p. 495-501.
- Muessig, Sigfried, 1953, Reconnaissance geologic map of part of the Leach Lake and Confidence Hills quadrangles, California: U.S. Ge Survey unpublished map.
- Mullen, C., Cardinal, D.F., Miller, T., et al., 1989, Badwater: Wyoming oil and gas fields symposium, Bighorn and Wind River basins, p. 38-39. (incomplete reference)
- Mumford, R.W., 1954, Deposits of saline minerals in southern California, in Jahns, R.H., ed., Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 179, Chapter VIII, Contribution 2, p. 15-22.
- Murdoch, J., and Webb, R.W., 1954, Minerals in southern California, in Jahns, R.H., ed., Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VII, Contribution 1, p. 5-12.
- Murie, M., 1961, Metabolic characteristics of mountain, desert and coastal populations of *Peromyscus*: Ecology, v. 42, no. 4, p. 723-740.
- Murphy, F. M., 1932, Geology of a part of the Panamint Range, California, in California Division of Mines and Geology Report 28=California State Mineralogist Report 28: Sacramento CA, California Division of Mines and Geology, Mining in California, 429 p.
- Murphy, F.M., 1929, Geology and ore deposits of a part of the Panamint Range (California): (incomplete reference)
- Murphy, F.M., 1929, Ore deposits of Panamint Range: Pan American Geologist, v. 51, p. 370-371.
- Murphy, F.M., 1930, Geology of the Panamint silver district, California: Economic Geology and the Bulletin of the Society of Economic Geologists, v.25, p. 305-325.
- Murphy, F.M., 1932, Geology of a part of Panamint Range, California, Chapter of Report XXVIII of the State mineralogist: San Francisco, California Department of Natural Resources [Conservation], Division of Mines [and Geology], v. 28, nos. 3 and 4, p. 329-356, 1 fold-out map. S, T
- Murphy, F.M., 1942, The black toad of Deep Springs Valley, Inyo County, California: Ann Arbor, MI, University of Michigan Press, Occasional Papers of the Museum of Zoology, University of Michigan Number 460, 19 pages.
- Murphy, F.M., 1974, Interbasin ground-water flow in southern Nevada: Reno, NV, Mackay School of Mines and University of Nevada, Reno, 28 pages.
- Murphy, Franklin M., 1930, Geology and ore deposits of a part of the Panamint Range, California: Unpublished Masters Thesis, California Institute of Technology, Pasadena, California. (incomplete reference)

N

- Naff, R.L., 1973, Hydrogeology of the southern part of Amargosa Desert in Nevada: Unpublished M.S. thesis, University of Nevada at Reno, 207 p.

- Naff, R.L., Maxey, G.B. and Kaufmann, R.F., 1974, Interbasin ground-water flow in southern Nevada: Nevada Bureau of Mines, Report 20, 28 p.
- Naiman, R.J., and Gerking, S.D.A.S.R.E., 1976, Osmoregulation In The Death Valley Pupfish /Cyprinodon Milleri/ (Pisces: Cyprinodontidae): Copeia., no. 4, p. 807-810.
- Nash, J.T., 1988, Interpretation of the regional geochemistry of the Tonopah 1° x 2° Quadrangle, Nevada, based on analytical results from stream-sediment and nonmagnetic heavy-mineral-concentrate samples: U.S. Geological Survey Bulletin 1849, 28 p.
- National Aeronautics and Space Administration, and United States Geological Survey, 1977, Flagstaff AZ10 p.
- National Aeronautics and Space Administration, and United States Geological Survey 1994, Baseline water quality data, inventory and analysis, Death Valley National Monument: Washington, D.C., =United States Department of the Interior, National Park Service, 188 p. + appendices .
- National Park Service, 1980, Environmental review and analysis; Bullfrog Mine plan of operations, E. R. Fegert, Inc., Death Valley National Monument, 30 pp. photos; graphs; maps; ill.; tabs.
- National Park Service, 1981, Environmental Assessment and Analysis; supplementation of Bullfrog Mine plan of operations, E. R. Fegert, Inc., Death Valley National Monument, p. various, maps; photos; ill.
- National Park Service, 1990, Statement for management, November 1990, Death Valley National Monument, California, 49 pp. maps; tabs.; graphs; ill.
- National Park Service, 1994, Flood mitigation plan and environmental assessment, Scotty's Castle, Death Valley National Monument, California, National Park Service, 28 pages.
- National Park Service, 1997, Environmental assessment of hydrological studies of Darwin Canyon, Death Valley National Park, 12 pages.
- National Park Service, Water Resources Division, Water Rights Branch, 1998, Overview of water rights, Death Valley National Park and proposed reservation sites for the Timbisha Shoshone Ground water resource issues of Death Valley National Park related to Timbisha Shoshone proposed reservations, U.S. National Park Service, 106 pages.
- National Parks and Conservation Association, 1993, Park waters in peril: Washington D.C., National Parks and Conservation Association.
- Neal, J.T., and Motts, W.S., 1967, Recent geomorphic changes in playas of western United States: The Journal of Geology, v. 75, no. 5, p. 511-525.
- Neal, T.H., 1972, Playa surface features as indicators of environment, *in* Reeves Jr., C.C., ed., Playa lake symposium proceedings: ICASALS Publication No. 4, Texas Tech University, Lubbock, Texas, p. 107-132.
- Neher, E., 1986, Mesoscopic structures of the northern Nopah Range, 17 pp. maps; ill.; graphs.
- Nelson, C.A., 196?, New Middle Cambrian Formation, White-Inyo Mountains, California, United States Geological Survey, Extent unknown .
- Nelson, C.A., 1962, Age of the Johnnie Formation: Geological Society of America Special Paper, p. 45-46. (incomplete reference)
- Nelson, C.A., 1962, Lower Cambrian-Precambrian succession, White-Inyo Mountains, California: Geological Society of America Bulletin v. 73, no. 1, p. 139-144.
- Nelson, C.A., 1966, Geologic map of the Waucoba Mountain quadrangle, Inyo County, California: United States Geological Survey, United States Geological Survey Geological Quadrangle Map GQ-528, Extent unknown 1:62,500.
- Nelson, C.A., 1971, Geologic map of the Waucoba Spring quadrangle, Inyo County, California: US Geological Survey Quadrangle Map GQ-921, scale 1:62,500.
- Nelson, C.A., 1976, Late Precambrian-early Cambrian stratigraphic and faunal succession of eastern California and the Precambrian-Cambrian boundary, depositional environments of lower Paleozoic rocks in the White-Inyo Mountains, Inyo County, California: Pacific Coast Paleogeography Field Guide 1, p. 31-32.
- Nelson, C.A., 1981, Basin and Range Province, *in* Ernst, W.G., ed., The geotectonic development of California: Prentice Hall, Englewood Cliffs, New Jersey, v. 1, p. 203-252.
- Nelson, C.A., and Durham, J.W., 1966, Guidebook for field trip to Precambrian-Cambrian succession, White-Inyo mountains, California, San Francisco, CA, 1966. (incomplete reference)

- Nelson, C.A., Oertel, G., Christie, J.M., and others, 1972, Structure and emplacement history of Papoose Flat Pluton, Inyo Mountains, California [abstract]: Geological Society of America Abstracts, v. 4, no. 3, p. 208-209.
- Nelson, C.A., Oertel, G., Christie, J.M., and others, 1985, Geohydrology of the unsaturated zone at the burial site for low-level radioactive waste near Beatty, Nye County, Nevada, United States Geological Survey, United States Geological Survey Open-File Report 85-198, Extent unknown .
- Nelson, C.A., Oertel, G., Christie, J.M., and others, 1985, Water-level declines in the Amargosa Valley area, Nye County, Nevada, 1962-84, United States Geological Survey, United States Geological Survey Water-Resources Investigations Report 85-4273, 7 p.
- Nelson, C.A., Oertel, G., Christie, J.M., and others, 1987, Geohydrology of the unsaturated zone at the burial site for low-level radioactive waste near Beatty, Nevada, Nye County, Nevada, United States Geological Survey, United States Geological Survey Water-supply Paper 2312, 52 p.
- Nelson, C.A., Oertel, G., Christie, J.M., and others, 1996, Micrometeorological data for energy-budget studies near Rogers Spring, Ash Meadows National Wildlife Refuge, Nye County, Nevada, 1994, United States Department of the Interior, Geological Survey, 49 pages.
- Nelson, C.A., Oertel, G., Christie, J.M., and others, 1997, Estimated ground-water discharge by evapotranspiration, Ash Meadows area, Nye County, Nevada, 1994, US Geological Survey, Water-Resources Investigations Report 97-4025, 13 pages.
- Neumann, T.R., 1984, Mineral resources of the Funeral Mountains wilderness study area (BLM No. CDCA-143), Inyo County, California: Norges Geologiske Undersøkelse Report 36-84, 19 p..
- Nevada Bureau of Mines and Geology, 1975, Guidebook—Las Vegas to Death Valley and return: University of Nevada at Reno, Mackay School of Mines Report 26, 39 p.
- Nevada Department of Conservation and Natural Resources, 1988, Hydrographic Area Summary, Hydrographic Area 154: Division of Water Planning, Carson City, Nevada. (incomplete reference).
- Nevada Department of Conservation and Natural Resources, 1992, Ground-water level trends in monitored basins in the State of Nevada: Division of Water Planning, Carson City. (incomplete reference).
- Nevada Department of Conservation and Natural Resources, 1992, Hydrographic Area Summary, Hydrographic Area 211: Division of Water Planning, Carson City, Nevada. (incomplete reference)
- Nevada Department of Conservation and Natural Resources, 1992, Mining water use in Nevada-1990 (Draft): Division of Water Planning, Carson City, Nevada., May 1992, 11 p.
- Nevada Department of Conservation and Natural Resources, 1992, Nevada water facts: Division of Water Planning, Carson City, Nevada, 79 p.
- Nevada State Engineer, 1971, Nevada's water resources: Nevada State Engineer, Water Planning Report 3, 87 p.
- Newberry, Denise L., 1994, Liquid treasure—Water rights and the National Park Service: Published MS thesis, Department of Rangeland Ecosystem Science, Colorado State University, Fort Collins, Colorado, 42 p.
- Neymark, L.A., Marshall, B.D., Kwak, L.M., Futa, K., and Mahan, S.A., 1995, Geochemical and Pb, Sr and O isotopic study of the Tiva Canyon Tuff and Topopah Spring Tuff, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 95-134, 16 p.
- Nibler, G., Mahood, G., 1990, Origin of compositional zonation in the Late Cretaceous Hall Canyon two-mica granitoid, Panamint Mountains, eastern CA: Geological Society of America, 1990 annual meeting, Abstracts with Programs, v. 22, p. 243.
- Nichols, Jeff (essay by), 1994, Death Valley—A visual interpretation: Mariposa, CA., The Sierra Press, 64 p.
- Nichols, W.D., 1982, Beatty, Nevada, in Schneider, Robert, Roseboom, E.H., Jr., Robertson, J.B., and Stevens, P.R., eds., U.S. Geological Survey Research in radioactive waste disposal-Fiscal year 1979: U.S. Geological Survey Circular 847, p. 62-63.
- Nichols, W.D., 1986, Geohydrology of the unsaturated zone at the burial site for low-level radioactive waste near Beatty, Nye County, Nevada: U.S. Geological Survey Open-File Report 85-198, 82 p., 1 plate.
- Nichols, W.D., 1987, Geohydrology of the unsaturated zone at the burial site for low-level radioactive waste near Beatty, Nye County, Nevada: U.S. Geological Survey Water-Supply Paper 2312, 57 p.
- Nichols, W.D., 1989, Reconstructed drought history, north-central Great Basin, 1601-1982, in Peterson, David H., ed., Aspects of climate variability in the Pacific and western America: American Geological Union, Geophysical Monogram Series, v. 55, p. 61-67.

- Nichols, W.D., 1990, The significance of climate in southern Nevada for the shallow burial of low-level radioactive wastes: LaGrange, Ill., American Nuclear Society, Topical on Nuclear Waste Isolation in the Unsaturated Zone, Proceedings, Las Vegas, Nev., September 1989, p. 93-98.
- Nichols, W.D., 1991, Estimating evapotranspiration by phreatophytes in areas of shallow ground water in a high desert valley, *in* Kirby, W.H., and Tan, W.Y., compilers, Proceedings of the United States-Peoples Republic of China bilateral Symposium on Droughts and Arid-Region Hydrology, September 16-20, 1991, Tucson, Arizona, p. 145-151. (incomplete reference)
- Nichols, W.D., 1992, The uncertainty of water-budget estimates in the Great Basin, *in* Herrmann, Raymond, ed., Managing water resources during global change: American Water Resources Association, 28th Annual Conference and Symposium Proceedings, Reno, November 1992, p. 309-317.
- Nichols, W.D., 1993, Estimating discharge of shallow groundwater by transpiration from greasewood in the northern Great Basin: Water Resources Research, v. 29, p. 2771-2778.
- Nichols, W.D., 1994, Groundwater discharge by phreatophytes in the Great Basin as related to depth to groundwater: Water Resources Research, v. 30, no. 12, p. 3265-3274.
- Nichols, W.D., and Akers, J. P., 1985, Water-level declines in the Amargosa Valley Area, Nye County, Nevada, 1962-84: U.S. Geological Survey Water-Resources Investigations Report 85-4273, 7 p., 1 plate.
- Nichols, W.D., and Davis, L.E., 1979, Data on ground-water resources of the Spring Mountains Area, Toiyabe National Forest, Nevada: U.S. Geological Survey Open-File Report 79-1638, 16 p.
- Nichols, W.D., and Rapp, T.R., 1996, Micrometeorological data for energy-budget studies near Rogers Spring, Ash Meadows National Wildlife Refuge, Nye County, Nevada, 1994: U.S. Geological Survey Open-File Report 96-170, 49 p.
- Nichols, W.D., Laczniak, R.J., DeMeo, G.A., and Rapp, T.R., 1997, Estimated ground-water discharge by evapotranspiration, Ash Meadows National Wildlife Refuge Area, Nye County, Nevada, 1994: U.S. Geological Survey Water-Resources Investigations Report 97-4025, 12 p.
- Nichols, W.D., Schneider, R. and Trask, N.J., 1984, Beatty, Nevada: U.S. Geological Survey research in radioactive waste disposal, fiscal year 1982: U.S. Geological Survey Water-Resources Investigations. (incomplete reference)
- Nichols, W.D., Witherspoon, P.A., Fiore, J.H., et al., 1990, The significance of climate in southern Nevada for the shallow burial of low-level radioactive waste: Proceedings of the topical meeting on Nuclear waste isolation in the unsaturated zone, Focus '89: (incomplete reference)
- Nick, K.E., 1983, Depositional environments of the Miocene Esmeralda Formation, Stewart Basin, Stewart Valley, Nevada: (incomplete reference).
- Nick, K.E., Clausen, B.L., Buccheim, H.P., et al., 1982, Depositional environments and petroleum potential of Miocene lacustrine deposit, west-central Nevada: American Association of Petroleum Geologists Annual Convention, Proceedings, v. 66, p. 613.
- Nielsen, R.L., 1965, Right-lateral, strike-slip faulting in the Walker Lane, west-central Nevada: Geological Survey of America, Bulletin, v. 76, p. 1301-1308.
- Niemi, N.A., Geologic map of a part of the northern Grapevine Mountains, Inyo County, California: unpublished, scale 1:12,000.
- Niemi, N.A., Wernicke, B.P., Brady, R.J., Saleeby, J.B., and Dunne, G.C., 1999, Distribution and provenance of the middle Miocene E Mountain Formation, and implications for regional kinematic analysis of the Basin and Range province: Geological Society of America Bulletin, v. 111 (in press). (SC)
- Nilsen, T.H., and Chapman, R.H., 1974, Bouguer gravity map of California, Trona sheet: Sacramento, CA, California Division of Mines and Geology, 1 sheet + explanatory data sheet and booklet, 1:250,000.
- Nimz, G., and Thompson, J.L., 1992, Underground radionuclide migration at the Nevada Test Site: U.S. Department of Energy Report DOE/NV-346, 17 p.
- Nitchman, S.P., Caskey, J.C., and Sawyer, T.L., 1990, Change in Great Basin tectonics at 3 to 4 M - a hypothesis: Geological Society of America, Abstracts with Programs, v. 22, no. 3, p. 72.
- Noble, D.C., 1972, Some Observations on the Cenozoic Volcano-Tectonic Evolution of the Great Basin, Western United States: Earth and Planetary Science Letters 17, p. 142-150.
- Noble, D.C., Anderson, R.E., Ekren, E.B., and O'Connor, J.T., 1964, Thirsty Canyon Tuff of Nye and Esmeralda Counties, Nevada: U.S. Geological Survey Professional Paper 475-D, p. 24-27.

- Noble, D.C., Bath, G.D., Christiansen, R.L., and Orkild, P.P., 1968, Zonal relations and paleomagnetism of the Spearhead and Rocket Wash members of the Thirsty Canyon Tuff, southern Nevada: U.S. Geological Survey Professional Paper 600-C, p. 61-65.
- Noble, D.C., Sargent, K.A., Mehnert, H.H., Ekren, E.B., and Byers, Jr., F.M., 1968, Silent Canyon volcanic center, Nye County, Nevada, *in* Eckel, E.B., ed., Nevada Test Site: Geological Society of America Memior 110, p. 65-75.
- Noble, D.C., Vogel, T.A., Weiss, S.I., Erwin, J.W., McKee, E.H., and Younker, L.W., 1984, Stratigraphic relations and source areas of ash flow sheets of the Black Mountain and Stonewall Mountain volcanic centers, Nevada: *Journal of Geophysical Research*, v. 89, p. 8593-8602.
- Noble, D.C., Weiss, S.L., and McKee, E.H., 1991, Magmatic and hydrothermal activity, caldera geology, and regional extension in the western part of the southwestern Nevada volcanic field, *in* Raines, G.L., Lisle, R.E., Schaefer, R.W., and Wilkinson, W.H., eds., *Geology and ore deposits of the Great Basin, Symposium Proceedings*: Reno, Geological Society of Nevada, p. 913-934. (T)
- Noble, J.C., and Johnson, F.C., 1980, The Billie borate orebody, Death Valley, California, *in* Fife, D.L., and Brown, A.R., eds., *Geology and mineral wealth of the California Desert*: South Coast Geological Society, Santa Ana, California, p. 268-275. (incomplete reference)
- Noble, L.F., 1922, Nitrate deposits in the Amargosa region, southeastern California, United States Geological Survey, United States Geological Shoshone, California, with a sketch of the geology of a part of Amargosa Velley: U.S. Geological Survey Bulletin 785-D, p. 63-73.
- Noble, L.F., 1926, Note on a colemanite deposit near
- Noble, L.F., 1926, The San Andreas rift and some other active faults in the desert region of southeastern California: Washington, D.C., Carnegie Institution of Washington Year Book No. 25, p. 415-428. N
- Noble, L.F., 1931, Nitrate deposits in southeastern California: U.S. Geological Survey Bulletin 820, 108 p.
- Noble, L.F., 1934, Rock formations of Death Valley, California: *Science*, v. 80, no. 2069, p. 173-178.
- Noble, L.F., 1938, Structural features of Death Valley region [Abstract]: *Geological Society of America Bulletin*, v. 49, p. 1894-1895.
- Noble, L.F., 1941, Structural features of the Virgin Spring area, Death Valley, California: *Geological Society of America Bulletin*, v. 52, no. 7, p. 941-1000, 20 pls. (6 oversize sheets). T
- Noble, L.F., 1942, Structural interpretation of the Death Valley region [Abstract]: *Journal of the Washington Academy of Sciences*, v. 32, no. 9, p. 279.
- Noble, L.F., and Christiansen, R.L., 1968, Geologic map of the southwest quarter of the Black Mountain Quadrangle: Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-562, 1 sheet, map scale 1:24,000.
- Noble, L.F., and Wright, L.A., 1954, Generalized geologic map of the Death Valley area, California: California Department of Natural Resources Division of Mines Bulletin 170, Chap. 2 contrib. 10, 1:250,000.
- Noble, L.F., and Wright, L.A., 1954, Geology of the central and southern Death Valley region, California, Chapter 10, *in* Jahns, R.H., ed., *Geology of southern California*: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter II, Contribution 4, p. 143-160, pls. 7, map scale 1:48,000. S, T
- Noble, L.F., Wright, L.A. and Troxel, B.W., 1963, Fault pattern of the southern Death Valley region, eastern California: *Geological Society of America Special Paper*. (incomplete reference)
- Noble, Mansfield, et. al., 1922, Nitrate deposits in the Amargosa region, southeastern California: U.S. Geological Survey Bulletin 724, 99 p.
- Nolan, T.B., 1929, Notes on the stratigraphy and structure of the northwest portion of the Spring Mountains, Nevada: *American Journal of Science*, 5th Series, v. 17, p. 461-472.
- Nolan, T.B., 1943, The Basin and Range province in Utah, Nevada, and California: U.S. Geological Survey Professional Paper 197-D, p. 141-196.
- Nolan, Thomas B., 1924, *Geology of the northwest portion of the Spring Mountains, Nevada*: Unpublished Ph.D. dissertation, Yale University, New Haven, Conn. (incomplete reference) Survey Bulletin 724, 99 p.

- Noller, J.S., and Reheis, M.C., 1993, Style of deformation along the Death Valley-Furnace Creek fault zone and other faults in the southern Walker Lane, Nevada and California: Geological Society of America Abstracts with Programs, v. 25, no. 5, p. 128.
- Nork, W.E., 1971, An environmental isotope study to determine source area relationships in the Amargosa farm area, Death Valley National Monument and Ash Meadows spring area: Teledyne Isotopes, 11 p. (incomplete reference)
- Norman, J.C., and Johnson, F.C., 1980, The Billie borate ore body, Death Valley, California, *in* Fife, D. L., and Brown, A. R., Editors, Geology and mineral wealth of the California desert: Santa Ana, CA, South Coast Geological Society, Inc., p. 268-277, Extent unknown.
- Norman, L.A., and Stewart, R.M., 1951, Mines and minerals resources of Inyo County, California: California Journal of Mines and Geology, v. 47, no. 1, p. 17-223.
- Norris, R.M., 1978, Mineral report on Red Amphitheater Claim owned by U.S. Borax and chemical corporation Death Valley National Monument, Inyo County, California, National Park Service, 10+ pages.
- Norris, R.M., 1978, Mineral report on the Copper lode mining claims, Death Valley National Monument, California, National Park Service, 15+ pages.
- Norris, R.M., 1985, A geologic guide to Titus Canyon, Death Valley National Monument, Inyo County.: California Geology. v. 39, no. 9, p. 195-202.
- Norris, R.M., 1988, A geologic guide to Titus Canyon, Death Valley National Monument, Inyo County Gregory, Jennifer L., and Baldwin, E. Joan, Editors, Geology of the Death Valley region, South Coast Geological Society, Inc., p. p. 110-117, 429 p.
- Norris, R.M., and Webb, R.W., 1990, Geology of California: Wiley, New York, 2nd edition, 541 p.
- Novak, Gary A., 1967, Petrography and mineralogy of a "Rapakivi" quartz monzonite pluton, Eagle Mountain quadrangle, California: Unpublished Masters thesis, Pennsylvania State University, Pennsylvania. (incomplete reference)

O

- Oakes, E.H., 1979, A developing turtleback in northern Death Valley, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 11, no. 3, p. 120-121.
- Oakes, E.H., 1987, Age and rates of displacement along the Furnace Creek fault zone, northern Death Valley, California [abs.]: Geological Society of America Abstracts with Programs, v. 19, no. 6, p. 437. N
- Oakes, E.H., 1989, Hydrogeologic inferences from drillers' logs and from gravity and resistivity surveys in the Amargosa Desert, southern Nevada, United States Geological Survey, United States Geological Survey Open-File Report 89-234, 29 pages.
- Oakes, Edward H., 1977, Geology of the northern Grapevine Mountains, northern Death Valley, California: Unpublished Master of Science thesis, University of Wyoming, Laramie, 100 p., 2 plates, map scale 1:15,500.
- Oakeshott, G.B, Jennings, C.W., and Turner, M.D., 1954, Correlation of sedimentary formations in southern California, *in* Jahns, R.H., ed., Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter III, Contribution 1, p. 5-8.
- Oatfield, W.J., and Czarnecki, J.B., 1989, Hydrogeologic inferences from driller's logs and from gravity and resistivity surveys in the Amargosa Desert, southern Nevada: U.S. Geological Survey Open-File Report 89-234, 296 p.
- Oatfield, W.J., and Czarnecki, J.B., 1990, Hydrogeologic inferences from drillers' logs and from gravity and resistivity surveys in the Amargosa Desert, southern Nevada: U.S. Geological Survey Open-File Report 89-234, 29 p.
- Oatfield, W.J., and Czarnecki, J.B., 1991, Hydrogeologic inferences from drillers logs and from gravity and resistivity surveys in the Amargosa Desert, southern Nevada: Journal of Hydrology, v. 124, p. 131-158.
- Oberlander, P.L., 1979, Development of a quasi three-dimensional groundwater model for a portion of the Nevada Test Site: Desert Research Institute, University of Nevada, NVO-1253-14, 72 p.
- Oberlander, T.M., 1972, Morphogenesis of granite boulder slopes in the Mojave Desert, California: Journal of Geology, v. 80, p. 1-20.
- Oberlander, T.M., 1974, Landscape inheritance and the pediment problem in the Mojave Desert of southern California: American Journal of Science, v. 274, p. 849-875.

- O'Brian R.D., 1974, Mineral report on the Copper Lode mining claims, Death Valley National Monument, California: National Park Service Report. (incomplete reference)
- O'Brian, R.D., 1975, Appraisal of mineral interests inherent in Tract No. 05-103, Death Valley National Monument: Mines and Minerals Division, National Park Service Report. (incomplete reference)
- O'Brien, G. M., Tucci, P., and Burkhardt, D.J., 1995, Water levels in the Yucca Mountain area, Nevada, 1992: U.S. Geological Survey Open-File Report 94-311, 72 p.
- O'Brien, G.M., 1991, Water levels in periodically measured wells in the Yucca Mountain Area, Nevada, 1989: U.S. Geological Survey Open-File Report 91-178, 51 p.
- O'Brien, G.M., 1992, Earthquake-induced water-level fluctuations at Yucca Mountain, Nevada, April 1992: U.S. Geological Survey Open-File Report 92-137, 9 p.
- O'Brien, G.M., 1993, Earthquake-induced water-level fluctuations at Yucca Mountain, Nevada, June 1992: U.S. Geological Survey Open-File Report 93-73, 11 p.
- O'Brien, G.M., 1998, Analysis of aquifer tests conducted in borehole USW G-2, 1996, Yucca Mountain, Nevada: U.S. Geological Survey Water-Resources Investigations Report 98-4063, 22 p.
- O'Brien, G.M., and Tucci, P., 1992, Earthquake-induced water-level and fluid-pressure fluctuations at Yucca Mountain, Nevada: EOS [Transactions of American Geophysical Union], 1992 Fall Meeting Abstracts, p. 157. (incomplete reference)
- O'Farrell, T.P.A.J.T.F., 1981, Effects Of Periodic Food Limitations On Death Valley Rodents.: Proc. Second Conf. Sci. Res. Natl. Parks, v. 12, p. 165-183.
- O'Farrell, T.P.A.J.T.F., No date, Ecology of the Nevada Test Site: a narrative summary and annotated bibliography: Boulder City, NV, 249 p. (incomplete reference)
- O'Hagan, M.D., and Lacznik, R.L., 1996, Ground-water levels beneath eastern Pahute Mesa and vicinity, Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 96-4042, 1 sheet.
- Oldow, J.S., and Kohler, G.K., 1994, Low-angle transfer zone linking the Furnace Creek and Walker Lane fault systems, western Great Basin: The Geological Society of America Abstracts With Programs, v. 26, p. 78.
- O'Leary, D.W., 1996, Choosing a tectonic model for Yucca Mountain, Nevada: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 192.
- Oliver, H.W., and Fox, K.F., 1993, Structure of Crater Flat and Yucca Mountain, southeastern Nevada, as inferred from gravity data: American Nuclear Society Proceedings of the Fourth Annual International Conference on High Level Nuclear Waste Management, April 26-30, 1993, Las Vegas, NV, v. 2, p. 1812-1817. (T,G)
- Oliver, H.W., Ponce, D.A., and Hunter, W.C., 1995, eds., Major results of geophysical investigations at Yucca Mountain and vicinity, southern Nevada: U.S. Geological Survey Open-File Report 95-74, 235 p.
- Oliver, H.W., Ponce, D.A., Blank, H.R., et al., 1995, Magnetic investigations: Major results of geophysical investigations at Yucca Mountain and vicinity, southern Nevada: U.S. Geological Survey Open-File Report 95-74, p. 55-72.
- Olmsted, F.H., Glancy, P.A., Harrill, J.R., Rush, F.E., and Van Denburgh, A.S., 1975, Preliminary hydrogeologic appraisal of selected hydrothermal systems in northern and central Nevada: U.S. Geological Survey Open-File Report 75-56. (incomplete reference)
- Olson, D., 1995, Analysis of geophysical logs from water-monitoring well UE-25 JF-3 in support of the water resources component of the Yucca Mountain Environmental Monitoring Program: Las Vegas, Nevada, TRW Environmental Safety Systems, Inc. Report B00000000-01717-0200-00128, Rev. 00, 62 p.
- Olson, J.C., and Pray, L.C., 1954, The Mountain Pass rare-earth deposits, in Jahns, R.H., ed., Geology of Southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VIII, Contribution 3, p. 23-29.
- Olson, Robert C., 1970, Geology of the northwestern Inyo Mountains, Inyo County, California: Unpublished Masters thesis, San Jose State University, San Jose, California. (incomplete reference)
- Olson, V.J., 1977, A field review of Trona Pinnacles Natural Landmark Site, 10 pp. photos. (incomplete reference)
- O'Malley, P. A., 1980, Quaternary geology and tectonics of the Waucoba Wash 15-minute quadrangle, Saline Valley, Inyo County, California, 1980, University of Nevada, Reno Nevada.

- Ore, H.T., and Warren, C.N., 1971, Late Pleistocene-early Holocene geomorphic history of Lake Mojave, California: *Geological Society of America Bulletin*, v. 82, p. 2553-2562.
- Orkild, P.P., 1963, Geologic map of the Tippipah Spring quadrangle, Nye County, California: United States Geological Survey, United States Geological Survey Geological Quadrangle Map GQ-213, Extent unknown 1:24,000.
- Orkild, P.P., 1965, Paintbrush Tuff and Timber Mountain Tuff of Nye County, Nevada, *in* Cohee, G.V., and West, W.S., Changes in stratigraphic nomenclature by the US Geological Survey, 1964: *US Geological Survey Bulletin* 1224-A, p. A44-A51.
- Orkild, P.P., 1968, Geologic map of the Mine Mountain quadrangle, Nye County, Nevada, U.S. Geological Survey Geologic Quadrangle Map GQ-746, map scale 1:24,000.
- Orkild, P.P., and O'Connor, J.T., 1970, Geologic map of the Tonopah Spring quadrangle, Nye County, Nevada: U.S. Geological Survey Map GQ-849. (incomplete reference)
- Orkild, P.P., Sargent, K.A., and Snyder, R.P., 1969, Geologic map of the Pahute Mesa, Nevada Test Site and vicinity, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-567, 5 p., 1 sheet, map scale 1:48,000.
- Orme, A.J., and Orme, A.R., 1994, Relict barrier beaches as paleoenvironmental indicators in the California Desert: *Physical Geography*, v. 12, no. 4, p. 334-346.
- Orndorff, R.L. and anonymous, 1998, Exploring the provenance of Owens Valley runoff under modern and LGM climate boundary conditions: *Geological Society of America, Rocky Mountain Section, 50th annual meeting, Abstracts with Programs*, v. 30, p. 33.
- Ortiz, T.S., Williams, R.L., Nimick, F.B., Whittet, B.C., and South, D.L., 1985, A three-dimensional model of reference thermal/mechanical and hydrological stratigraphy at Yucca Mountain, south Nevada: *Sandia National Laboratory Report SAND 84-1076*, 72 p.
- Osmond, J.K., Cowart, J.B., Ivanovich, M., et al., 1992, Ground water: Uranium-series disequilibrium, applications to Earth, marine, and environmental sciences, p. 290-333. (incomplete reference)
- Osterkamp, W.R., Lane, L.J., and Savard, C.S., 1994, Recharge estimates using a geomorphic/distributed—Parameter simulation approach, Amargosa River basin: *Water Resources Bulletin*, v. 30, p. 493-507.
- Oswald, J.A., Wesnousky, S.G., 1996, Character of active faulting along the Hunter Mountain fault zone: *AGU 1996 fall meeting: EOS [Transactions of American Geophysical Union]*, 1996 fall meeting, v. 77, p. 461.
- Otto, R.G.A.G.S.D., 1973, Heat Tolerance Of A Death Valley Pupfish (Genus /Cyprinodon/): *Physiol. Zool.*, v. 46, no. 1, p. 43-49.
- Otton, J.K., 1974, Geologic features of the central Black Mountains, Death Valley, California, *in* *Guidebook—Death Valley Region, California and Nevada*, *in* *Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California*, p. 65-72.
- Otton, J.K., 1974, Metamorphic, igneous and structural features of the central Black Mountains, Death Valley, California [Abstract]: *Geological Society of America, Abstracts With Programs*, v. 6, no. 3, p. 233.
- Otton, J.K., 1976, Geologic features of the central Black Mountains, Death Valley, California, *in* Troxel, Bennie, W. and Wright, Lauren A., eds., *Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, California, Special Report 106*, p. 27-34.
- Otton, J.K., 1977, *Geology of the central Black Mountains, Death Valley, California—The turtleback terrane: Unpublished Ph.D. dissertation, Pennsylvania State University, University Park, Pennsylvania*, 155 p, map scale 1:24,000.
- Otton, J.K., 1982, Turtleback terrain of Death Valley —Metamorphic core complexes?: *The Geological Society of America Abstracts With Programs*, v. 14, p. 222.
- Otton, J.K., Pavlis, T.L., Wright, L.A. and Troxel, B.W., unpublished mapping in the Gold Valley and Mormon Point quadrangles, scale 1:24,000,
- Overbye, D., 1982, Waiting for the volcano: *Discover (Chicago)*, v. 3, p. 18-22 and 24.
- Overzet, Dan, Brunson, R. F., and Greslin, Ron., 1983, *Baseline floodplain analysis: National Park Service, Denver Service Center.* (incomplete reference)
- Oviatt, C.G., McCoy, W.D., Clark, P.U., et al., 1992, Early Wisconsin lakes and glaciers in the Great Basin, U.S.A., *in* *The last interglacial-glacial transition in North America: Geological Society of America Special Paper 270*, p. 279-287.

- Pabst, A., Sawyer, D.L., Jr., and Switzer, G.S., 1955, Galeite, a new mineral from Searles Lake, California [Abstract]: United States Geological Survey Bulletin, v. 66, no. 12, p. pt. 2, 1658-1659.
- Pabst, M.E., Beck, D.A., Glancy, P.A., and Johnson, J.A., 1993, Streamflow and selected precipitation data for Yucca Mountain and vicinity, Nye County, Nevada, water years 1983-85: U.S. Geological Survey Open-File Report 93-438, 14 p., 7 tables.
- Paces, J.B., 1995, FY 1995 studies of paleodischarge deposits: Milestone Report 3GQH520M to DOE-YMPSCO, 27 p.
- Paces, J.B., Forester, R.M., Whelan, J.F., Mahan, S.A., Bradbury, J.P., Quade, J., Neymark, L.A., and Kwak, L.M., 1996, Synthesis of ground-water discharge deposits near Yucca Mountain: Report 3GQH671M to DOE-YMPSCO, 21 p., 3 appendix, 25 figures.
- Paces, J.B., Mahan, S.A., Ludwig, K.R., Kwak, L.M., Neymark, L.A., Simmons, K.R., Nealey, L.D., Marshall, B.D., and Walker, A., 1995, Progress report on dating Quaternary surficial deposits: Report to Department of Energy by U.S. Geological Survey for Milestone 3GCH510M, 36 p.
- Paces, J.B., Menges, C.M., Widmann, B., Wesling, J.R., Bush, C.A., Futa, K., Millard, H.T., Maat, P.B., and Whitney, J.W., 1994, Preliminary U-series disequilibrium and thermoluminescence ages of paleosols associated with Quaternary faults, east side of Yucca Mountain: Proceedings of the 5th International High-level Radioactive Waste Management Conference, American Society of Civil Engineers, v. 4, p. 2391-2401.
- Paces, J.B., Neymark, L.A., Kwak, L.M., and Peterman, Z.E., 1996, U-series dating of secondary minerals in unsaturated zone tuffs indicating low paleo-water flux through Yucca Mountain, Nevada: Geological Society of America, Abstracts with Programs, v. 28, no. 7, p. A139-A140.
- Paces, J.B., Taylor, E.M., and Bush, C.A., 1993, Late Quaternary history and uranium isotopic compositions of ground water discharge deposits, Crater Flat, Nevada: Proceedings of the Fourth International High-level Radioactive Waste Management Conference, v. 2, p. 1573-1580.
- Pack, S.M., and Reid, J.B., Jr., 1995, Late Pleistocene tilting of the Black Mountains, southern Death Valley, evidence from shorelines of Lake Manly: Geological Society of America, Northeastern Section, 30th annual meeting, Abstracts with Programs, v. 27, no. 1, p. 72.
- Pack, S.M., and Reid, J.B., Jr., 1997, Water-resource potential of four land parcels in or near Death Valley National Park proposed by the Timbisha Shoshone tribe for designation as reservation lands: San Jose, CA, Pal Consultants, Inc., 45+ pages.
- Page, B.M., 1951, Talc deposits of steatite grade, Inyo County, California: California Division of Mines Special Report 8, 35 p., 11 plates.
- Page, L.E., Geology of areas north of the Kingston Range, Inyo County, California: unpublished map, scale 1:24,000.
- Page, R.W., and Moyle, Jr., W.R., 1960, Data on water wells in the eastern part of the Middle Mojave Valley area, San Bernardino County, California: California Department of Water Resources Bulletin 91-3, 223 p.
- Page, R.W., Moyle, Jr., W.R., and Dutcher, L.C., 1960, Data on wells in the western part of the Middle Mojave Valley area, San Bernardino County, California: California Department of Water Resources, Bulletin 91-1, 126 p.
- Page, W.R., Dixon, G.L., and Ash, S.R., 1992, Northern terminus of the Mesozoic Dry Lake thrust fault, Arrow Canyon Range, southeastern Nevada: Geological Society of America, Rocky Mountain Section, Abstracts with Programs, v. 24, p. 56.
- Pakisear, L.C., Kane, M.F. and Jackson, W.H., 1964, Structural Geology and Volcanism of Owens Valley Region, California - A Geophysical Study: U.S. Geological Survey, Professional Paper 438, 68 p.
- Pal, Nick, 1994, Description and evaluation of the Death Valley groundwater flow system. (incomplete reference)
- Palmer, A.R., 1964, An unusual lower Cambrian trilobite fauna from Nevada: U.S. Geological Survey Professional Paper 483-F. (incomplete reference)
- Palmer, A.R., 1979, Physical stratigraphy and trilobite biostratigraphy of the Carrara Formation (Lower and Middle Cambrian) in the southern Great Basin, United States Geological Survey, United States Geological Survey Professional Paper 1047, 127 p. + plates
- Palmer, A.R., and Hazzard, J.C., 1956, Age and correlation of Cornfield Springs and Bonanza King Formations in southeastern California and southern Nevada: American Association of Petroleum Geologists Bulletin, v. 40, no. 10, p. 2494-2499.

- Palmer, A.R., Taylor, M.E. and Palmer, A.R., 1981, Lower and Middle Cambrian stratigraphy from Las Vegas, Nevada, to Bishop, California—Cambrian stratigraphy and paleontology of the Great Basin and vicinity, Western United States: (incomplete reference)
- Palmer, L.A., 1922, Evaporation of potash brines at Deep Spring Lake, California: Chem. and Metall. Eng., v. 26, p. 1034-1037.
- Papke, K.G., 1972, A sepiolite-rich playa deposit in southern Nevada: Clays and Clay Minerals, v. 20, p. 211-215.
- Parker, K.C., 1982, The structure of bird communities in North American deserts., 376 pp. PU University of Wisconsin, Madison RN IL maps; photographs; tabs.; figs. (incomplete reference)
- Parker, K.C., 1983, Geologic road guide to Death Valley National Monument: Santa Cruz, CA, Undergraduate Geology Association, University of California, Santa Cruz, 100+ p.
- Parsons, A.J., and Abrahams, A.D., 1984, Mountain mass denudation and piedmont formation in the Mojave and Sonoran deserts: American Journal of Science, v. 284, p. 255-271.
- Parsons, T., and Thompson, G.A., 1993, Does magmatism influence low-angle normal faulting?: Geology, v. 21, p. 247-250.
- Pavlik, B.M., 1979, Patters of water potential and photosynthesis of desert sand dune plants, Eureka Valley, California: Oecologia, v. 46, p. 147-157.
- Pavlik, B.M., 1987, Autecological monitoring of endangered plants and damaged communities, *in* Pister, Edwin P., Editor, Proceedings of the Desert Fishes Council: the sixteenth - eighteenth annual symposia, Universidad Autonoma de San Luis Potosi (1984), Death Valley National Monument (1985), St. George UT (1986), 1984, p. pages 91-100.
- Pavlis, T.L., 1991, Exposures of the floor of a Miocene, syn-tectonic pluton, Death Valley, California—The turtleback terrane: Geological Society of America, Abstracts and Programs, v. 23, no. 5, p. 189.
- Pavlis, T.L., 1994, Kinematics of extensional ductile to brittle structures in the Death Valley extended terrane, *in* Geological investigations of an active margin: Geological Society of America, Cordilleran Section, Field Trip Guide, p. 37-42. (incomplete reference)
- Pavlis, T.L., and Wagner, D.L., Geology of part of the Wingate Wash area, west of southern Death Valley, California, unpublished, scale 1:24000.
- Pavlis, T.L., Serpa, L.F., and Keener, C., 1993, Role of seismogenic processes in fault-rock development—An example from Death Valley, California: Geology, v. 21, no. 3, p. 267-270. Q, T
- Peck, J.H., Jr., 1950?, The genus *Rayonnoceras* in California. (incomplete reference)
- Peck, J.H., Jr., 1995, Hydrochemical data base for the Death Valley Region, California and Nevada: Denver, Co, US Geological Survey, Open-File Report 94-305, 10 p.
- Pelton, Peter J., 1966, Mississippian rocks of the southwest Great Basin, Nevada and California: Unpublished Ph.D. dissertation, Rice University, Houston, Texas, 99 p.
- Pendall, E., Harden, J.W., and Trumbore, S., 1991, Pedogenic isotopic indicators of climate and carbon cycling in Fish Lake Valley: U.S. Geological Survey Open-File Report 91-296, 17 p.
- Peng, T.H., Goddard, J.G., and Broecker, W.S., 1978, A direct comparison of ^{14}C and ^{230}Th ages at Searles Lake, California: Quaternary Research, v. 9, p. 319-329.
- Perfect, D.L., Faunt, C.C., Steinkampf, W.C., and Turner, A.K., 1995, Hydrochemical data base for the Death Valley region, California and Nevada: U.S. Geological Survey Open-File Report 94-305, 10 p, with 2 disks.
- Perkins, M.E., Nash, W.P., Brown, F.H., et al., 1994, Tephrochronology of selected Miocene floras and faunas of the Great Basin and some adjacent areas: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 520.
- Perry, C.A., Gillespie, J.B., Hargadine, D.A., et al., 1993, Detection of fractures in Ash Meadows, southwestern Nevada by electromagnetic terrain-conductivity measurements: Ground Sensing: Ground sensing, v. 1941, p. 113-124.
- Perry, L.E., 1985, The Aquarius travertine mine: Jewelry Making Gems & Minerals, v. 574, p. 38-40.
- Pesci, R.C., Scholl, D.W., Scales, F.H.H., and Libbey, F.J., 1955, Archaeocyathid localities in the Waucoba type section, California: The Compass, Sigma Gamma Epsilon (an honorary Scientific Fraternity Magazine Devoted to the Earth Sciences). (incomplete reference)
- Pestana, Harold R., 1959, Stratigraphy and paleontology of the Johnson Spring Formation, Middle Ordovician, Independence quadrangle, California: Unpublished Masters Thesis, University of California at Berkeley. (incomplete reference)

- Peter, K.D., Kolm, K.E., Downey, J.S., and Nichols, T.C., 1988, Lineaments, significance, criteria for determination and varied effects on ground-water systems—A case history in the use of remote sensing, *in* Johnson, A.I., and Patterson, C.B., eds., *Geotechnical applications of remote sensing and remote data transmission*, ASTM STP 967: American Society for Testing and Materials, Philadelphia, PA., p. 46-68.
- Peterman, Z.E., and Stuckless, J.S., 1993, Application of strontium and other radiogenic tracer isotopes to paleohydrologic studies: Paleohydrological methods and their applications, *Proceedings of the NEA Workshop*, Paris, p. 59-84.
- Peterman, Z.E., and Stuckless, J.S., 1993, Isotopic evidence of complex ground-water flow at Yucca Mountain, Nevada, USA, *in* Conference on high-level radioactive waste management, 4th Conference, Las Vegas, Nevada, *Proceedings: American Society of Civil Engineers*, p. 1559-1566.
- Peterman, Z.E., Spengler, R.W., Singer, F.R., Dickerson, R.P., 1996, Geochemistry of outcrop samples from the Raven Canyon and Paintbrush Canyon reference sections, Yucca Mountain, Nevada: U.S. Geological Survey Open-File Report 94-550, 16 p.
- Peterman, Z.E., Stuckless, J.S., Downey, J.S., and Gutentag, E.D., 1990, Strontium-isotope geochemistry of the Ash Meadows ground-water system in southern Nevada: Geological Society of America, *Abstracts with Program*, v. 22, no. 7, p. 295-296.
- Peterman, Z.E., Stuckless, J.S., Mahan, S.A., et al., 1992, Strontium isotope characterization of the Ash Meadows ground-water system, southern Nevada, USA: *Proceedings of the 7th international symposium on water-rock interaction*, V. 1, Low temperature environments, v. 7, p. 825-829.
- Peterman, Z.E., Widmann, B.L., Marshall, B.D., Aleinikoff, J.N., Futa, K., and Mahan, S.A., 1994, Isotopic tracers of gold deposition in Paleozoic limestones, southern Nevada, *in* Conference on high-level radioactive waste management, *Proceedings of the Fifth International Conference*, Las Vegas, Nevada, 22-26 May 1994, La Grange Park, Illinois: American Nuclear Society, v. 3, p. 1316-1323.
- Peterson, F.F., 1980, Holocene Desert Soil Formation under Sodium Salt Influence in a Playa-Margin Environment: *Quaternary Research* v. 13, p. 172-186.
- Peterson, F.F., 1981, Landforms of the Basin and Range Province defined for soil survey: Nevada Agricultural Experiment Station, University of Nevada Technical Bulletin 28, 52 p.
- Peterson, F.F., 1988, Appendix B—Soil-geomorphology studies in the Crater Flat, Nevada, area, *in* Bell, J.W., principal investigator, Quaternary geology and active faulting at and near Yucca Mountain, *in* U.S. Department of Energy, Evaluation of the geologic relations and Seismotectonic stability of the Yucca Mountain area: Nevada Nuclear Waste Site Investigation (NNWSI) Final Report, prepared by the Center for Neotectonic Studies, Mackay School of Mines, University of Nevada, Reno, 64 p (Appendix B).
- Peterson, F.F., 1988, Consultant's Report: Soil-Geomorphology Studies in the Crater Flat, Nevada, Area: for Task 1, Evaluation of the Geologic Relations and Seismotectonic Stability of the Yucca Mtn. Area, Nevada Nuclear Waste Site Investigation (NNWSI), 44 p.
- Peterson, F.F., Bell, J.W., Dorn, R.I., Ramelli, A.R., Ku, T-L., 1995, Late Quaternary geomorphology and soils in Crater Flat, Yucca Mountain area, southern Nevada: *Geological Society of America Bulletin*, v. 107, p. 379-395.
- Peterson, M.N.A., Bien, G.S., and Berner, R.A., 1963, Radiocarbon studies of recent dolomite from Deep Spring Lake, California: *Jour. Geophys. Research*, v. 68, no. 24, p. 6493-6505.
- Peterson, P.M., 1984, Flora and physiognomy of the Cottonwood Mountains, Death Valley National Monument, California: Las Vegas, NV, Cooperative National Park Resources Studies Unit, University of Nevada, Las Vegas, 241 p. + map .
- Peterson, P.M., 1986, A flora of the Cottonwood Mountains, Death Valley National Monument, California: *The Wasmann Journal of Biology*, v. 44, no. 1-2, p. 73-126.
- Petronis, M.S., Geissman, J.W., Holm, D.K., Schauble, E., and Wernicke, B.P., 1997, Paleomagnetic data bearing on vertical-axis rotation within the central Death Valley extended terrane: *EOS [Transactions of the American Geophysical Union]*, v. 78 no. 46, p. F189.
- Pewe, T.L., Davis, G.H. and VandenDolder, E.M., 1988, Terraces of the lower Salt River valley in relation to the late Cenozoic history of the Phoenix Basin, Arizona, *in* Geologic diversity of Arizona and its margins—Excursions to choice areas: State of Arizona, Bureau of Geology and Mineral Technology Special Paper 5, p.221-226.
- Pexton, R.E., 1919, Salt resources of the United States: Death Valley, United States Geological Survey, United States Geological Survey Bulletin 669, 277 p.

- Pexton, R.E., 1984, Geology and paleohydrology of part of the Amargosa Desert in Nevada: Unpublished MS thesis, University of Nevada, Reno, Nevada, 63 p., or Pexton, R.E., 1985, Geology and paleohydrology of a part of the Amargosa Desert: Unpublished M.S. thesis, University of California, Berkeley, 62 p. (incomplete reference)
- Phalen, W.C., 1912, Celestite in California: U.S. Geological Survey Bulletin 540, p. 526-531.
- Phillips, F.M., Smith, G.I., Bentley, H.W., Elmore, D., and Gove, H.E., 1983, Cl-36 dating of saline sediments—Preliminary results from Searles Lake, California: *Science*, v. 222, p. 925-927.
- Phillips, F.M., Zreda, M.G., Sharma, P., et al., 1994, Chlorine-36 chronology for the late Pleistocene lacustrine history of Panamint and Death valleys, California: Abstracts of the Eighth international conference on Geochronology, cosmochronology, and isotope geology, Berkeley, CA, United States, p. 250.
- Phillips, F.M., Zreda, M.G., Smith, S.S., Elmore, D., Kubik, P.W., and Sharma, P., 1990, Cosmogenic chlorine-36 chronology for glacial deposits at Bloody Canyon, eastern Sierra Nevada: *Science*, v. 248, p. 1529-1532.
- Pierce, D., Cloud, P., Troxel, B.W., and others, 1977, New microfloras from the Pahrump Group, late Pre-Phanerozoic, eastern California [Abstract]: Geological Society of America, Abstracts With Programs, v. 9, p. 481-482.
- Piety, L.A., 1994, Compilation of known and suspected Quaternary faults within 100 km of Yucca Mountain, Nevada and California: U.S. Geological Survey Open-File Report 94-112, 404 p, scale 1:250,000.
- Pinter, N. and Keller, E.A., 1995, Geomorphological analysis of neotectonic deformation, northern Owens Valley, California: *Geologische Rundschau*, v. 84, p. 200-212.
- Pinter, N., 1992, Tectonic geomorphology and earthquake hazard of the northern Owens Valley, California: (incomplete reference)
- Pinter, N., 1995, Faulting on the volcanic tableland, Owens Valley, California: *Journal of Geology*, v. 103, p. 73-83.
- Pinter, N., Keller, E.A., and anonymous, 1992, Late Quaternary deformation of the northern Owens Valley, California, tectonic morphogenesis at the western boundary of the Basin and Range Province, United States: 29th International Geological Congress, Abstracts, v. 29, p. 392.
- Pinter, N., Keller, E.A., and anonymous, 1992, Tectonic tilting of the northern Owens Valley, California: Geological Society of America, 1992 annual meeting, Abstracts with Programs, v. 24, p. 123-124.
- Pinter, N., Keller, E.A., and West, R.B., 1994, Relative dating of terraces of the Owens River, northern Owens Valley, California, and correlation with moraines of the Sierra Nevada: *Quaternary Research*, v. 42, p. 266-276.
- Pinter, N., Keller, E.A., Zoback, M.L., et al., 1990, Deformation in northern Owens Valley from Owens River terraces: Geological Society of America, Cordilleran Section, 86th annual meeting, Abstracts with Programs, v. 22, p. 76.
- Piper, A.M., and Stead, F.W., 1965, Potential applications of nuclear explosives in development and management of water resources—Principles: U.S. Geological Survey Open-File Report TEI-857, 128 p.
- Pister, E.P., 1958, A brief geologic and hydrologic reconnaissance of the Furnace Creek Wash area, Death Valley National Monument, California: Long Beach, CA, United States Geological Survey, Ground Water Branch, United States Geological Survey Open-File Report 58-75, 69 (?) pages.
- Pister, E.P., 1964, A brief geologic and hydrologic reconnaissance of the Furnace Creek Wash area, Death Valley National Monument, California: Reston VA, United States Geological Survey, United States Geological Survey Water-Supply Paper 1779-Y, 35 p.
- Pister, E.P., 1972, Desert fishes and their habitats. (incomplete reference)
- Pistrang, M.A., and Kunkel, F., 1958, A brief geologic and hydrologic reconnaissance of the Furnace Creek Wash Area, Death Valley National Monument, California: U.S. Geological Survey Open-File Report, 63 p., 6 plates, 6 tables.
- Pistrang, M.A., and Kunkel, F., 1964, A brief geologic and hydrologic reconnaissance of the Furnace Creek Wash area, Death Valley National Monument, California: U.S. Geological Survey Water-Supply Paper 1779-Y, map scale 1:24,000, 36 p., 1 pl. S
- Planert, M., and Williams, J.S., 1995, Ground water atlas of the United States, segment 1, California, Nevada: U.S. Geological Survey Hydrologic Investigations Atlas HA-730-B, 28 p.
- Plescia, J.B., 1981, The nature of the Garlock Fault, eastern California [Abstract]: Geological Society of America, Abstracts With Programs, v. 13, no. 2, p. 101.
- Plescia, J.B., and Henyey, T.L., 1982, Geophysical character of the proposed eastern extension of the Garlock fault and adjacent areas, eastern California: *Geology*, v. 10, , no. 4, p. 209-214.

- Pluhar, C.J., Holt, J.W., Kirschvink, J.L., Beratan, K.K., and Adams, R.W., 1992, Magnetostratigraphy of Plio–Pleistocene lake sediments in the Confidence Hills of southern Death Valley, California, *in* Reynolds, Jennifer, compiler, The Confidence Hills, southern Death Valley, California—Depositional environments, magnetostratigraphy, and Plio–Pleistocene strata: San Bernardino County Museum Association Quarterly, v. 39, no. 2, p. 12-19. Q, S
- Plume, R.W., 1996, Hydrogeologic framework of the Great Basin region of Nevada, Utah, and adjacent states: U.S. Geological Survey Professional Paper 1409-B, 64 p.
- Plume, R.W., and Carlton, S.M., 1988, Hydrogeology of the Great Basin Region of Nevada, Utah, and adjacent states: U.S. Geological Survey Hydrologic Investigations Atlas HA-694-A, 1 sheet, map scale 1:1,000,000.
- Plume, R.W., and La Camera, R.J., 1996, Hydrogeology of rocks penetrated by test well JF-3, Jackass Flats, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 95-4245, 21 p.
- Ponce, D.A., 1993, Geophysical investigations of concealed faults near Yucca Mountain, southwest Nevada: Proceedings of the Fourth International High-level Radioactive Waste Management Conference, v. 1, p. 168-174
- Ponce, D.A., 1996, Interpretive geophysical fault map across the central block of Yucca Mountain: U.S. Geological Survey Open-File Report 96-285, 15 p.
- Ponce, D.A., and Langenheim, V.E., 1994, Preliminary gravity and magnetic models across Midway Valley and Yucca Wash, Yucca Mountain, Nevada: U.S. Geological Survey Open-File Report 94-572, 25 p.
- Ponce, D.A., Kohn, S.B., and Waddell, S., 1992, Gravity and magnetic data of Fortymile Wash, Nevada Test Site, Nevada: U.S. Geological Survey Open-File Report 92-343, 33 p.
- Poole, F.G., 1974, Flysch deposits of Antler foreland basin, western United States, *in* Dickerson, W.R., ed., Tectonics and sedimentation: Society of Economic Paleontologists and Mineralogists Special Publication 22, p. 58-82.
- Poole, F.G., and Sandberg, C.A., 1991, Mississippian paleogeography and conodont biostratigraphy of the western United States, *in* Cooper, J.D., and Stevens, C.H., eds., Paleozoic paleogeography of the western United States-II, Pacific Section: Society of Economic Paleontologists and Mineralogists, v. 67, p. 107-136.
- Poole, F.G., and Sandberg, C.W., 1977, Mississippian paleogeography and tectonics of the western United States, *in* Stewart, J.H., et al, eds., Paleozoic paleogeography of the western United States: SEPM, Pacific Coast Paleogeography Symposium 1, p. 67-86.
- Poole, F.G., Bears, D.L., Drewes, H., Hayes, P.T., Ketner, K.R., McKee, E.D., Teichert, C., and Williams, J.S., 1967, Devonian of the southwestern United States, *in* Oswald, D.H., ed., International symposium on the Devonian system: Alberta Society of Petroleum Geologists, Calgary, Canada, v. 1, p. 879-912.
- Poole, F.G., Carr, W.J., and Elston, D.P., 1965, Salyer and Wahmonie formations of southeastern Nye County, Nevada, *in* Cohee, G.V., and West, W.S., eds., Changes in stratigraphic nomenclature by the U.S. Geological Survey: U.S. Geological Survey Bulletin 1224-A, p. 36-44.
- Poole, F.G., Elston, D.P., Carr, W.J., 1965, Geologic map of the Cane Spring quadrangle, Nye County, Nevada, U.S. Geological Survey Geologic Quadrangle Map GQ-455, map scale 1:24,000.
- Poole, F.G., Houser, F.N., and Orkild, P.P., 1961, Eleana formation of Nevada Test Site and vicinity, Nye County, Nevada: U.S. Geological Survey Professional Paper 424-D, p. D104-D111.
- Potter, G.D., Grossman, R.F., Bliss, W.A., Thome, D.J., and Hopper, Jaci L., 1980, Offsite environmental monitoring report for the Nevada Test Site and other test areas used for underground nuclear detonations: Environmental Protection Agency, Environmental Monitoring Systems Laboratory, Nuclear Radiation Assessment Division, April 1980, EMSL-LV-0539-36. 93 p.
- Pouquet, J., 1964, Aspects geomorphologiques de la Vallée de la Mort, California, U.S.A. [Abstract]: Soc. Geol. France Compte Rendu, v. Pt. 1, p. 13.
- Pouquet, J., 1964, La capture du Furnace Creek Wash par le Gower Gulch (Vallée de la Mort, California): Assoc. Geographes Français Bull., v. 322-323, p. 43-51.
- Pouquet, J., 1967, Quelques aspects géomorphologiques de la Vallée de la Mort, californie=Some geomorphological features of the Death Valley, California: Zeitschrift Für Geomorphologie=Annals of Geomorphology (Berlin), v. New ser. 11, no. 2, p. 183-204.
- Powell, D.R., 1963, Physical Geography of the White Mountains California-Nevada: University of California-Berkeley, Masters Thesis, 140 p., unpublished.

- Prave, A.R., and McMackin, M.R., 1999, Depositional framework of mid to Late Miocene strata in the Dumont Hills and along the so margin of the Kingston Range: implications for the tectonostratigraphic evolution of the southern Death Valley region, *in* Wrig L.A., and Troxel, B.W., eds., Cenozoic basins of the Death Valley region: Geological Society of America Special Paper 333, scal approximately 1:230,000.
- Prave, A.R., 1984, Stratigraphy, sedimentology, and petrography of the Lower Cambrian Zabriskie Quartzite in the Death Valley region, southeastern CA and southwestern NV, University Park, PA, Pennsylvania State University. (incomplete reference)
- Prave, A.R., 1988, Sedimentology and stratigraphy of the Lower Cambrian Zabriskie quartzite in the Death Valley region, CA and NV Gregory, Jennifer L., and Baldwin, E. Joan, Editors, Geology of the Death Valley region, South Coast Geological Society, Inc., p. p. 88-101, 429 p.
- Prave, A.R., 1992, Depositional and sequence stratigraphic framework of the Lower Cambrian Zabriskie Quartzite: implications for regional correlations and the Early Cambrian paleogeography of the Death Valley region of California and Nevada: Geological Society of America Bulletin, v. 104, p. 505-515.
- Prave, A.R., and McMackin, M. R., 1999, in press, Depositional framework of mid to Late Miocene strata in the Dumont Hills and alo margin of the Kingston Range: Tentative implications for the tectonostratigraphic evolution of the southern Death Valley region, Wright, L.A., and Troxel, B. W., eds. Cenozoic basins of the Death Valley region: Geological Society of America Special Paper
- Prave, A.R., and Snow, J.K., 1993, Tectonic reconstructions of the southwestern Great Basin: Stratigraphic tests of structural models: Geological Society of America, Abstracts with Programs, v. 25, no. 5, p. 135.
- Prave, A.R., and Wright, L.A., 1986, Isopach pattern of the lower Cambrian Zabriskie Point quartzite, Death Valley region, California-Nevada—How useful in tectonic reconstructions?: Geology, v. 14, no. 3, p. 251-254.
- Prave, A.R., and Wright, L.A., 1986, Reply to comment on "Isopach pattern of the lower Cambrian Zabriskie Point quartzite, Death Valley region, California-Nevada—How useful in tectonic reconstructions?": Geology, v. 14, p. 811-812.
- Prave, A.R., and Wright, L.A., 1996, Pebbles and cross-beds, data to constrain the Miocene tectonic evolution of the Furnace Creek basin, Death Valley, California: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 309-310.
- Prave, A.R., Fedo, C.M., and Cooper, J.D., 1991, Lower Cambrian depositional and sequence stratigraphic framework of the Death Valley and eastern Mojave Desert regions, *in* Walawender, M. J., and Hannan, B. B., Editors, Geological excursions in southern California and Mexico: guidebook, 1991 annual meeting, Geological Society of America: San Diego, CA, San Diego State University, p. p. 147-170, Extent unknown.
- Prevost, D.V., 1984, Geology of a transect of the northern Argus Range, California, Northridge CA, California State University at Northridge.
- Price, T., 1883, Analysis of colemanite from Death Valley, California, *in* State Mineralogist's annual report, Extent unknown .
- Price, T., 1947, Putnam, George Palmer, Death Valley handbook: New York, NY, Duell, Sloan, and Pearce, 84 pages.
- Price, T., 1953, Ragan, D.M., Geology of Butte Valley, Inyo County, California, 59 pp. photos; maps.
- Price, T., 1993, Conceptual evaluation of regional ground-water flow in the carbonate-rock province of the Great Basin, Nevada, Utah and adjacent states, United States Geological Survey, United States Geological Survey Open-File Report 93-170, 103 pages.
- Proffett, John Maddon, 1972, Nature, age, and origin of Cenozoic faulting and volcanism in the Basin and Range Province: Unpublished Ph.D. dissertation, University of California at Berkeley. (incomplete reference)
- Prudic, D.E. and Striegl, R.G., 1995, Tritium and radioactive carbon ((super 14) C) analyses of gas collected from unsaturated sediments next to a low-level radioactive-waste burial site south of Beatty, Nevada, April 1994 and July 1995: U.S. Geological Survey Open-File Report. (incomplete reference)
- Prudic, D.E., 1994, Effects of temperature at the arid disposal site for low-level radioactive waste near Beatty, Nevada [abs.]: Geological Society of America, Abstracts with Programs, v. 26, no. 7, p. 143.
- Prudic, D.E., 1994, Effects of temperature on water movement at the arid disposal site for low-level radioactive wastes near Beatty, Nevada: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 391.
- Prudic, D.E., 1994, Estimates of percolation rates and ages of water in unsaturated sediments at two Mojave Desert sites, California-Nevada: U.S. Geological Survey Water-Resources Investigations Report 94-4160, 19 p.

- Prudic, D.E., 1996, Water-vapor movement through unsaturated alluvium in Amargosa Desert near Beatty, Nevada—Current understanding and continuing studies, in Stevens, P.R., and Nicholson, T.J., eds., Joint U.S. Geological Survey, U.S. Nuclear Regulatory Commission Workshop on research related to low-level radioactive waste disposal, May 4-6, 1993, National Center, Reston, Virginia, Proceedings: U.S. Geological Survey Water-Resources Investigations Report 95-4015, p. 157-166.
- Prudic, D.E., and Gee, G., 1996, Topic III-Infiltration and drainage, in Stevens, P.R., and Nicholson, T.J., eds., Joint U.S. Geological Survey, U.S. Nuclear Regulatory Commission Workshop on research related to low-level radioactive waste disposal, May 4-6, 1993, National Center, Reston, Virginia, Proceedings: U.S. Geological Survey Water-Resources Investigations Report 95-4015, p. 6-8.
- Prudic, D.E., and Striegl, R.G., 1994, Water and carbon dioxide movement through unsaturated alluvium near an arid disposal site for low-level radioactive waste, Beatty, Nevada [abs.]: *Eos, American Geophysical Union Transactions*, v. 75, no. 16, p. 161.
- Prudic, D.E., and Striegl, R.G., 1995, Tritium and radioactive carbon (14C) analyses of gas collected from unsaturated sediments next to a low-level radioactive-waste burial site south of Beatty, Nevada, April 1994 and July 1995: U.S. Geological Survey Open-File Report 95-741, 7 p.
- Prudic, D.E., Harrill, J.R., and Burbey, T.J., 1993, Conceptual evaluation of regional ground-water flow in the carbonate-rock province of the Great Basin, Nevada, Utah, and adjacent states: U.S. Geological Survey Open-File Report 93-170, 103 p.
- Prudic, D.E., Harrill, J.R., and Burbey, T.J., 1995, Conceptual evaluation of regional ground-water flow in the carbonate-rock province of the Great Basin, Nevada, Utah, and adjacent states: U.S. Geological Survey Professional Paper 1409-D, 102 p.
- Prudic, D.E., Stonestrom, D.A., and Striegl, R.G., 1997, Tritium, deuterium, and oxygen-18 in water collected from unsaturated sediments near low-level radioactive-waste burial site south of Beatty, Nevada: U.S. Geological Survey Water-Resources Investigations Report 97-4062, 21 p.
- PSSAC, 1998, Interconnectivity and relationships between soil science, geomorphology, geology and paleoclimatology: Proceedings and guidebook for the 1988 Annual Meeting of Professional Soil Scientists Association of California (PSSAC), March 5-8, 1988, Death Valley, CA, 111 p.
- Putnam, G.P., 1946, Death Valley and its country: (incomplete reference)

Q

- Quade, Jay, 1983, Quaternary geology of the Corn Creek Springs area, Clark County, Nevada: Unpublilshed MS thesis, University of Arizona, Tucson, Arizona, 135 p.
- Quade, Jay, 1986, Late Quaternary environmental changes in the upper Las Vegas Valley, Nevada: *Quaternary Research*, v. 26, p. 340-357.
- Quade, Jay, 1994(?), Spring deposits and late Pleistocene ground-levels in southern Nevada: Proceedings, Fifth(?) International High-level Radioactive Waste Management Conference, p. 2530-2537. (incomplete reference)
- Quade, Jay, and Cerling, Thure E., 1990, Stable isotopic evidence for a pedogenic origin of carbonates in Trench 14 near Yucca Mountain, Nevada: *Science*, Dec. 14, 1990, p. 1549-1552. (incomplete reference)
- Quade, Jay, and Pratt, W.L., 1989, Late Wisconsin groundwater discharge environments of the southwestern Indian Springs Valley, southern Nevada: *Quaternary Research*, v. 31, p. 351-370.
- Quade, Jay, Cerling, T.E., and Bowman, J.R., 1989, Systematic variations in the carbon and oxygen isotopic composition of pedogenic carbonate along elevation transects in the southern Great Basin, United States, with Supplemental Data 89-10: *Geological Society of America Bulletin*, v. 101, p. 464-475.
- Quade, Jay, Mifflin, M.D., Pratt, W.L., McCoy, W., and Burckle, L., 1995, Fossil spring deposits in the southern Great Basin and their implications for changes in water-table levels near Yucca Mountain, Nevada, during Quaternary time: *Geological Society of America Bulletin*, v. 107, no. 2, p. 213-230.
- Quartzite in the Death Valley region, southeastern California and southwestern Nevada: University Park, Pennsylvania: Pennsylvania St University, M. S. thesis, 193 p. (incomplete reference)
- Quidelleur, X., Holt, J. and Valet, J.-P., 1995, Confounding influence of magnetic fabric on sedimentary records of a field reversal: *Nature*, v. 374, p. 246-249.
- Quinlivan, W.D., and Byers, Jr., F.M., 1977, Chemical data and variation diagrams of igneous rocks from the Timber Mountain-Oasis Valley caldera complex, southern Nevada: U.S. Geological Survey Open-File Report 77-724, 9 p.

- Quinn, Harry M., 1968, Precambrian, Eocambrian and Cambrian rocks of the basin and range province of eastern California: Unpublished Masters thesis, University of Southern California, Los Angeles, California. (incomplete reference)
- Quiring, R.F., 1965, Annual precipitation as a function of elevation south of 38.5 degrees latitude: U.S. Weather Bureau Research Station, Las Vegas, Nevada, 14 p.

R

- Ragan, Donal M., 1954, Geology of Butte Valley, Inyo County, California: Unpublished Masters Thesis, University of Southern California, Los Angeles, California, 59 p.
- Rains, R.L., 1985, Mineral resources of the Greenwater Valley Wilderness Study Area (BLM No. CDCA-148), Inyo County, California. (incomplete reference).
- Ralston, W.C., 1906, The Greenwater copper district, California: Engineering and Mining Journal, v. 82, p. 1105-1106.
- Ralston, W.C., 1970, Plant ecology studies in the pinyon-juniper woodland of the Panamint Mountains, Death Valley National Monument, California [Final report], 44 p.
- Ramelli, A.R., Sawyer, T.L., Bell, J.B., dePolo, C.M., Peterson, F.F., and Dorn, R.I., 1990, Preliminary analysis of fault and fracture patterns at Yucca Mountain, southern Nevada: American Nuclear Society, Proceedings, Focus 89 - Nuclear Waste Isolation in the Unsaturated Zone.
- Randall, D.C., 1907, Preliminary account of Goldfield, Bullfrog, and other mining districts in southern Nevada, United States Geological Survey, United States Geological Survey Bulletin 303, 152 .
- Randall, D.C., 1910, Geology and ore deposits of the Bullfrog District, Nevada, United States Geological Survey, United States Geological Survey Bulletin 407, 130 pages.
- Randall, David Coulter, 1972, An analysis of some desert shrub vegetation of Saline Valley, California, Davis CA, University of California, Davis. (incomplete reference)
- Randall, R.G., 1975, Geology of the Salt Springs area, Death Valley, California, and its bearing on early Mesozoic regional tectonics: Unpublished MS thesis, San Jose State University, San Jose, California, 62 p.
- Ransome, F.L., 1907, Mines of Goldfield, Bullfrog and other southern Nevada districts: U.S. Geological Survey Bulletin 303, 147 p.
- Ransome, F.L., Emmons, W.H., and Garrey, G.H., 1910, Geology and ore deposits of the Bullfrog district, Nevada: U.S. Geological Survey Bulletin 407, 130 p.
- Ransome, F.L., Garrey, G.H., and Emmons, W.H., no date, Mines of Goldfield, Bullfrog and other southern Nevada districts, with notes on the Manhattan district: Las Vegas, NV, Stanley Paher, Nevada Publications, p. 40-63, 150+ pages.
- Rasmussen, K.R., 1997. On the estimation of aerodynamic roughness of desert. *Aarhus Geoscience* 7, 61-71, Geolog. Inst. Aarhus, Denmark. (I,G)
- Rattray, G.W., Striegl, R.G, and Yang, I.C. 1995, Adsorption of sulphur hexafluoride onto crushed tuffs from the Yucca Mountain area, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 95-4057, 28 p.
- Rautman, C.A., and Flint, A.L., 1992, Deterministic geologic processes and stochastic modeling, *in* High level radioactive waste management: Proceedings of the Second Annual International Conference, American Nuclear Society, Las Vegas, Nevada, v. 2, p. 1617-1624.
- Rautman, C.A., Flint, L.E., Flint, A.L., and Istok, J.D., Physical and hydrologic properties of outcrop samples from a nonwelded to welded tuff transition, Yucca Mountain, Nevada: U.S. Geological Survey Water-Resources Investigations Report 95-4061. (incomplete reference)
- Rautman, C.A., Istok, J.D., Flint, A.L., Flint, L.E., and Chornack, M.P., 1993, Influence of deterministic trends on spatial variability of hydrologic properties in volcanic tuff, *in* High level radioactive waste management: Proceedings of the Fourth International Conference, American Nuclear Society, Las Vegas, Nevada, v. 1, p. 921-929.
- Raven, C., 1985, Landscape evolution and human ecology in Panamint Valley: perspectives for future research: San Diego, CA, Great Basin Foundation, Contributions of the Great Basin Foundation Number 1, Extent unknown. (incomplete reference)
- Reading, E., 1984, Death Valley Sand Dunes: a fluctuating stability, 14 pp. graphs; maps; ill. (incomplete reference)

- Real, C.R., Topozoda, T.R., and Parke, D.L., 1978, Earthquake epicenter map of California, 1900 through 1974: (incomplete reference)
- Reed, E.L., 1967, A study of water resources of Spring Meadows, Nye County, Nevada: Private Consultant, Midland, Texas, 19 p., tables. (incomplete reference)
- Reheis, M.C., 1988, Preliminary study of Quaternary faulting on the east side of Bare Mountain, Nye County, Nevada, *in* Carr, M.D., and Yount, J.C. eds., *Geologic and hydrologic investigations of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada*: U.S. Geological Survey Bulletin 1790, p. 103-111.
- Reheis, M.C., 1988, Quaternary activity on the Emigrant Peak fault zone, Fish Lake Valley, west-central Nevada [abs.]: *Geological Society of America Abstracts with Programs*, v. 20, no. 3, p. 223. N
- Reheis, M.C., 1990a, Preliminary Map of Late Cenozoic Deposits and faults in the Soldier Pass 15' Quadrangle, Esmeralda and Inyo Counties, California and Nevada, U.S. Geological Survey Miscellaneous Field Investigations Map (work in progress). (incomplete reference)
- Reheis, M.C., 1990b, Preliminary Map of Late Cenozoic Deposits and Faults in the Western Part of the Rhyolite Ridge 15' Quadrangle, Esmeralda County, Nevada, U.S. Geological Survey Miscellaneous Field Investigations Map (work in progress). (incomplete reference)
- Reheis, M.C., 1990c, Preliminary Observations on Late Cenozoic Motion on the Northern Part of the Furnace Creek Fault Zone, California and Nevada (work in progress). (incomplete reference)
- Reheis, M.C., 1991, Aerial photographic interpretation of lineaments and faults in late Cenozoic deposits in the eastern part of the Benton Range 1:100,000 quadrangle and the Goldfield, Last Chance Range, Beatty, and Death Valley Junction 1:100,000 quadrangles, Nevada and California: Denver, CO, United States Geological Survey, 9 pages plus 4 plates .
- Reheis, M.C., 1991, Aerial photographic interpretation of lineaments and faults in late Cenozoic deposits in the eastern parts of the Saline Valley 1:100,000 quadrangle, Nevada and California, and the Darwin Hills 1:100,000 quadrangle, California: U.S. Geological Survey Open-File Report 90-500, 6 p, 2 plates, scale 1:100,000.
- Reheis, M.C., 1991, Geologic map of late Cenozoic deposits and faults in the western part of the Rhyolite Ridge 15' quadrangle, Esmeralda County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-2183, scale 1:24,000. M, Q
- Reheis, M.C., 1992, Aerial photographic interpretation of lineaments and faults in late Cenozoic deposits in the Cactus Flats and Pahute Mesa 1:100,000 quadrangles and the western parts of the Timpahute Range, Pahrangat Range, Indian Springs, and Las Vegas 1:100,000 quadrangles, Nye and Louden Counties, Nevada: U.S. Geological Survey Open-File Report 92-193, 14 p., 3 plates, scale 1:100,000.
- Reheis, M.C., 1992, Geologic map of late Cenozoic deposits and faults in parts of the Soldier Pass and Magruder Mountain 15' quadrangles, Inyo and Mono Counties, California, and Esmeralda County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-2268, scale 1:24,000. N
- Reheis, M.C., 1993, Logs of trenches across the central part of the Fish Lake Valley fault zone, Mono County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-2266, with text, 36 p.
- Reheis, M.C., 1993, Neogene tectonism from the southwestern Nevada volcanic field to the White Mountains, California—Part. II. Late Cenozoic history of the southern Fish Lake Valley fault zone, Nevada and California, *in* Lahren, M.M., Trexler, J.H., Jr., and Spinosa, Claude, eds., *Crustal evolution of the Great Basin and the Sierra Nevada—Field trip guidebook for the 1993 joint meeting of the Cordilleran/Rocky Mountain sections of the Geological Society of America, May 19-21, 1993*: Reno, Nevada, Department of Geological Sciences, Mackay School of Mines, University of Nevada, p. 370-382. N
- Reheis, M.C., 1993, When did movement begin on the Furnace Creek fault zone?: *Geological Society of America, Abstracts with Programs*, v. 25, no. 5, p. 138.
- Reheis, M.C., 1994, Holocene faulting along the central Fish Lake Valley fault zone, California and Nevada: *Geological Society of America Abstracts with Programs*, v. 26, no. 2, p. 83.
- Reheis, M.C., 1998, Notes on relations between eolian dust and soils [Day 2, Stop 1A of a field tour, Death Valley National Monument], *in* *Interconnectivity and relationships between soil science, geomorphology, geology, and paleoclimatology, Furnace Creek Ranch Resort, Death Valley, CA, March 5 1998-March 8 1998*, p. 52-54.
- Reheis, M.C., and Dixon, T.H., 1996, Kinematics of the eastern California shear zone, evidence for slip transfer from Owens and Saline Valley fault zones to Fish Lake Valley fault zone: *Geology*, v. 24, p. 339-342.

- Reheis, M.C., and five others, 1996, Late-Quaternary sedimentation on the Liedy Creek fan, Nevada-California, *in* Geomorphic responses to climatic change: Basin Research, v. 12, p. 279-299.
- Reheis, M.C., and Kihl, R., 1995, Dust deposition in southern Nevada and California, 1984-1989: relations to climate, source area, and source lithology: *Journal of Geophysical Research*, v. 100, no. D5, p. 8893-8918.
- Reheis, M.C., and McKee, E.H., 1991, Late Cenozoic history of slip on the Fish Lake Valley fault zone, Nevada and California, *in* Reheis, M.C., Sarna-Wojcicki, A.M., Meyer, C.E., McKee, E.H., Slate, J.L., Burbank, D.M., Sawyer, T.L., and Pendell, E.G., contributing eds., Late Cenozoic stratigraphy and tectonics of Fish Lake Valley, Nevada and California—Road log and contributions to the Field Trip Guidebook, 1991 Pacific Cell of Friends of the Pleistocene: U.S. Geological Survey Open-File Report 91-290, p. 26-45.
- Reheis, M.C., and Morrison, R.B., 1997, High, old, pluvial lakes of western Nevada, *in* Link, P.K., and Kowallis, B., eds.: Geological Society of America, Field Trip Guidebook. (incomplete reference)
- Reheis, M.C., and Noller, J.S., 1989, New perspectives on Quaternary faulting in the southern Walker Lane, Nevada and California, *in* Ellis, M.A., ed., Late Cenozoic evolution of the southern Great Basin: Nevada Bureau of Mines and Geology Open-File Report 89-1, Selected papers from a workshop at University of Nevada, Reno, November 10-13, 1987, p. 57-61. N
- Reheis, M.C., and Noller, J.S., 1991, Aerial photographic interpretation of lineaments and faults in late Cenozoic deposits in the eastern part of the Benton Range 1:100,000 quadrangle and the Goldfield, Last Chance Range, Beatty, and Death Valley Junction 1:100,000 quadrangles, Nevada and California: U.S. Geological Survey Open-File Report 90-41, scale 1:100,000, 9 p., 4 pls. N
- Reheis, M.C., and Sawyer, T.L., 1997, Late Cenozoic history and slip rates of the Fish Lake Valley, Emigrant Peak, and Deep Springs fault zones, Nevada and California: *Geological Society of America Bulletin*, v. 109, no. 3, p. 280-299.
- Reheis, M.C., Harden, J.W., McFadden, L.D., and Shroba, R.R., 1989, Development rates of late Quaternary soils, Silver Lake playa, California: *Soil Science Society of America Journal*, v. 53, p. 1127-1140.
- Reheis, M.C., Sarna-Wojcicki, A.M., Burbank, D.M., and Meyer, C.E., 1991, The late Cenozoic section at Willow Wash, west-central California: A tephrochronologic Rosetta stone, *in* Reheis, M.C., Sarna-Wojcicki, A.M., Meyer, C.E., McKee, E.H., Slate, J.L., Burbank, D.M., Sawyer, T.L., and Pendell, E.G., contributing eds., Late Cenozoic stratigraphy and tectonics of Fish Lake Valley, Nevada and California—Road log and contributions to the Field Trip Guidebook, 1991 Pacific Cell of Friends of the Pleistocene: U.S. Geological Survey Open-File Report 91-290, p. 46-66.
- Reheis, M.C., Sarna-Wojcicki, A.M., Reynolds, R.L., Repenning, C.A., and Mifflin, M.D., Pliocene to Middle Pleistocene lakes in the western Great Basin—Ages and correlations: (incomplete reference)
- Reheis, M.C., Sawyer, T.L., Slate, J.L., and Gillespie, A.R., 1993, Geologic map of late Cenozoic deposits and faults in the southern part of the Davis Mountain 15' quadrangle, Esmeralda County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-2342, scale 1:24,000.
- Reheis, M.C., Slate, J.L., Sarna-Wojcicki, A.M., and Meyer, C.E., 1991, An early Pleistocene pluvial lake in Fish Lake Valley, Nevada-California: Ringside resort for the eruption of the Bishop Tuff, *in* Reheis, M.C., Sarna-Wojcicki, A.M., Meyer, C.E., McKee, E.H., Slate, J.L., Burbank, D.M., Sawyer, T.L., and Pendell, E.G., contributing eds., Late Cenozoic stratigraphy and tectonics of Fish Lake Valley, Nevada and California—Road log and contributions to the Field Trip Guidebook, 1991 Pacific Cell of Friends of the Pleistocene: U.S. Geological Survey Open-File Report 91-290, p. 67-93.
- Reheis, M.C., Slate, J.L., Sarna-Wojcicki, A.M., and Meyer, C.E., 1993, A late Pliocene to middle Pleistocene pluvial lake in Fish Lake Valley, Nevada and California: *Geological Society of America Bulletin*, v. 105, p. 953-967.
- Reheis, M.C., Sowers, J.M., Taylor, E.M., McFadden, L.D., and Harden, J.W., 1992, Morphology and genesis of carbonate soils on the Kyle Canyon fan, Nevada, U.S.A.: *Geoderma*, v. 52, p. 303-342.
- Reheis, M.C., unpublished, Geologic map of late Cenozoic deposits and faults in parts of the Soldier Pass, Mount Barcroft, and Piper Pass 15 quadrangles, Inyo and Mono Counties, California, and Esmeralda County, Nevada: U.S. Geological Survey, scale 1:24,000.
- Reheis, Marith C., Goodmacher, Jonathan C., Harden, Jennifer W., McFadden, Leslie D., Rockwell, Thomas K., Shroba, Ralph R., Sowers, Janet M., and Taylor, Emily M., 1995, Quaternary soils and dust deposition in southern Nevada and California: *Geological Society of America Bulletin*, v. 107, no. 9, p. 1003-1022.
- Reid, I., and Frostick, L.E., 1987, Flow dynamics and suspended sediment properties in arid zone flash floods: *Hydrological Processes*, v. 1, p. 239-253.

- Reid, J.B., Jr., 1992, The Owens River as a tiltmeter for Long Valley Caldera, California: *Journal of Geology*, v. 100, p. 353-363.
- Reid, J.B., Jr., Bucklin, E.P., Capozzi, M., et al., 1994, Skating rocks at the Racetrack, Death Valley, what makes them move?: EOS [Transactions of American Geophysical Union], 1994 fall meeting, v. 75, p. 275.
- Reid, J.B., Jr., Bucklin, E.P., Copenagle, L., and others, 1995, Sliding rocks at the Racetrack, Death Valley: what makes them move?: *Geology*, v. 23, no. 9, p. 819-822.
- Reid, J.B., Jr., Buckling, E.P., Pope, D.C., et al., 1990, How long has Long Valley Caldera been swelling? Evidence from the floodplain of the Owens River: EOS [Transactions of American Geophysical Union], 1990 fall meeting, v. 71, p. 1684.
- Reid, J.B., Jr., Polissar, and Williams, Michael L., 1966, Sliding rocks at the Racetrack, Death Valley—What makes them move?, Comment and Reply: *Geology*, August 1996, p. 767. (incomplete reference)
- Reid, J.B., Jr., Polissar, and Williams, Michael L., 1995, Hydrologic characterization and assessment of water rights and uses and needs at Devil's hole and Death Valley National Monument [PROVISIONAL], 125+ pages. (incomplete reference)
- Reid, S.G., 1978, Madden Deep Unit, Fremont and Natrona counties, Wyoming: *Earth Science Bulletin*, v. 11, p. 35-42.
- Reiner, S.R., Locke, G.L., and Robie, L.S., 1995, Ground-water data for the Nevada Test Site and selected other areas in south-central Nevada, 1992-93: U.S. Geological Survey Open-File Report 95-160, 38 p.
- Reinhardt, J., and Gohn, G.S., 1992, Sedimentary cycles and sequence stratigraphy in the eastern Gulf of Mexico coastal plain: Proceedings of the 1988 U.S. Geological Survey workshop on the Geology and geohydrology of the Atlantic Coastal Plain, Reston, VA, p. 153-158.
- Reneau, S.L., 1993, Manganese accumulation in rock varnish on a desert piedmont, Mojave Desert, California, and application to evaluating varnish development: *Quaternary Research*, v. 40, p. 309-317.
- Reneau, S.L., and Raymond, R., Jr., 1991, Cation-ratio dating on rock varnish—Why does it work?: *Geology*, v. 19, p. 937-940.
- Renner, J.L., and others, 1976, Selected geothermal resources data: hydrothermal convection systems in the states of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming: US Department of Commerce, National Technical Information Service, Publication PB-250 377, 352 p.
- Reynolds, M.W., 1966, Structure of the southern Grapevine Mountains, Death Valley, California [Abstract], *in* Geological Society of America Special Paper 87, Extent unknown. (incomplete reference)
- Reynolds, M.W., 1969, Stratigraphy and structural geology of the Titus and Titanother Canyon area, Death Valley, California: Berkeley California, University of California, Berkeley, Ph. D. dissertation, 310 p., scale of accompanying geologic maps 1:21,000 and 1:250,000.
- Reynolds, M.W., 1970, Low-angle faults of lag and gravity origin, northeastern Death Valley, California: *Geological Society of America, Abstracts with Programs*, v. 2, no. 2, p. 134-135.
- Reynolds, M.W., 1971, The Grapevine thrust and its significance to right-lateral displacement in the northern Death Valley area, California: *Geological Society of America, Abstracts with Programs*, v. 3, no. 2, p. 182-183.
- Reynolds, M.W., 1974, Geology of the Grapevine Mountains, Death Valley, California—A summary, *in* Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 92-99.
- Reynolds, M.W., 1974, Recurrent middle and late Cenozoic deformation, northeastern Death Valley area, California-Nevada: *Geological Society of America, Abstracts with Programs*, v. 6, no. 3, p. 241-242.
- Reynolds, M.W., 1976, Geology of the Grapevine Mountains, Death Valley, California, a summary, *in* Troxel, B. W., and Wright, L. Geologic features, Death Valley: California Division of Mines and Geology, Special Report 106, p. 19-24.
- Reynolds, M.W., 1976, Geology of the Grapevine Mountains, Death Valley, California—A summary, *in* Troxel, B.W., and Wright, L.A., eds., Geologic features, Death Valley, California: Sacramento, California Department of Conservation, Division of Mines and Geology Special Report 106, p. 19-25. (Revised papers selected from a guidebook on the Death Valley region, California and Nevada, Published 1974.) S, T
- Reynolds, M.W., 1984, Preliminary two dimensional regional hydrogeologic model of the Nevada Test Site and vicinity, Pacific Northwest Laboratory, 44 pages. (incomplete reference)
- Reynolds, M.W., Geologic map of the Grapevine Peak quadrangle and part of the Tin Mountain quadrangle, California-Nevada: unpublis scale 1:125,000.

- Reynolds, M.W., Geologic reconnaissance map of the southwestern half of the southwestern quarter of the Bullfrog quadrangle, California Nevada, unpublished, scale approximately 1:48,000.
- Reynolds, M.W., Wright, L.A., Troxel, B.W., et al., 1986, Geometry and chronology of late Cenozoic detachment faulting, Funeral and Grapevine mountains, Death Valley, California: Geological Society of America, 82nd annual meeting Cordilleran Section, Abstracts with Programs, v. 18, p. 175.
- Reynolds, M.W., Wright, L.A., Troxel, B.W., et al., 1996, Evidence for Tertiary age of recumbent folds, Grapevine and northern Funeral Mountains, Death Valley, California: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 513.
- Reynolds, Mitchell William, 1969, Stratigraphy and structural geology of the Titus and Titanothera canyons area, Death Valley, California: Berkeley, University of California, Ph.D. dissertation, map scale 1:62,500, 310 p., 10 pls., 43 figs. S, T
- Rhodes, D.D., Wadsworth, W.B., and Rossbacher, L.A., 1980. The Fairchild collection: Aerial photography of California (1924-1964). Abstracts with Programs, Geological Society of America v. 12, no.7, p. 508. (I)
- Rice, W.A., 1984, Preliminary two-dimensional regional hydrological model of the Nevada Test Site and vicinity: Pacific Northwest Laboratory, SAND83-7466, 44 p.
- Rich, J.L., 1935, Origin and evolution of rock fans and pediments: Geological Society of America Bulletin, v. 46, no. 6, p. 999-1024.
- Richards, C.A. and Tryhorn, A.D., 1986, Red Amphitheater Breccia, Death Valley National Monument, California—Better living through engineering geology: Association of Engineering Geologists, 29th annual meeting, 29, San Francisco, CA, October 5 1986-October 10 1986, p. 61.
- Richards, C.A., 1953, The mudflow of Mosaic Canyon, Death Valley National Monument [California]: Compass of Sigma Gamma Epsilon, 1915-84, v. 30, no. 4, p. 238-243. (incomplete reference)
- Richards, Carrol A., 1958, Geology of a part of the Funeral Mountains, Death Valley National Monument, California: Unpublished Masters Thesis, University of Southern California, Los Angeles, California, 124p.
- Richards, I.J., Labotka, T.C., and Gregory, R.T., 1996, Contrasting stable isotope and trace element behavior between calcite and dolomite marbles, Lone Mountain, Nevada: Contributions to Mineralogy and Petrology 123, p. 202-221.
- Richardson, W.E., 1992, The determination of hydraulic conductivity and specific yield distributions for a heterogeneous, anisotropic, unconfined aquifer in Southwest Nevada using method of moments techniques: (incomplete reference)
- Richter, C.F., and Gutenberg, B., 1954, Seismicity of southern California, in Jahns, R.H., ed., Geology of Southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter IV, Contribution 3, p. 19-25.
- Riciputi, L., 1984, Deposits and formation of the Ubehebe Crater complex, Death Valley, California, 26 pp. ill.; maps. (incomplete reference)
- Ridley, Albert Paul, 1971, Devonian and Mississippian sedimentation and stratigraphy of the Mazourka Canyon area, Inyo Mountains, Inyo County, California: Unpublished Masters thesis, San Jose State Universtiy, San Jose, California. (incomplete reference)
- Ridley, P., 1971, Devonian and Mississippian stratigraphy of the Inyo Mountains, California, San Jose, CA, San Jose State University. (incomplete reference)
- Riehle, J.R., 1973, Calculated compaction profiles of rhyolitic ash-flow tuffs: Geological Society of America Bulletin, v. 84, p. 2193-2216.
- Riggs, A., 1985, Devils Hole: observations and interpretation. (incomplete reference)
- Riggs, A.C., 1984, Major carbon 14 deficiency in modern snail shells from southern Nevada springs: American Association for the Advancement of Science, v. 224, April 6, 1984, p. 58-61.
- Riggs, A.C., 1991, Geohydrologic evidence for the development of Devils Hole, southern Nevada, as an aquatic environment [Abstract], in Pister, Edwin P., Editor, Proceedings of the Desert Fishes Council: the twentieth & twenty-first annual symposia, Furnace Creek, CA; Albuquerque NM, November 16 1989, p. 47-48.
- Riggs, A.C., Carr, W.J., Kolesar, P.T., and Hoffman, R.J., 1994, Tectonic speleogenesis of Devils Hole, Nevada, and implications for hydrology and the development of long continuous paleoenvironmental records: Quaternary Research, v. 42, p. 241-254.
- Riggs, Elliott Arthur, 1962, Fusulinids of the Keeler Canyon Formation, Inyo County, California: Unpublished Ph.D. dissertation, University of Illinois, Urbana, Illinois. (incomplete reference)

- Riley, C.V., and others, 1893, Report on insects, *in* , The Death Valley Expedition, a biological survey of parts of California, Nevada, Arizona, and Utah, U. S. Department of Agriculture, Division of Ornithol. and Mammal., p. Part 2, p. 235-268, Extent unknown.
- Riley, T.A., 1984, A study of topographical influence on pyroclastic deposition: Ubehebe Crater, Death Valley, California, 20 pp. maps; ill.; tabs. (incomplete reference)
- Rinehart, R.E., 1909, Death Valley borax beds: Overland Monthly, Second Series, v. 54, p. 356-362.
- Riseborough, D.W., Burn, C.R. and Senneset, K., 1988, Influence of an organic mat on the active layer: Permafrost, 5th International Conference, v. 1, p. 633-638.
- Ritter, J.B., 1985, Late Quaternary piedmont stratigraphy of the Salt Spring Hills area, eastern Mojave Desert, California, *in* Hale, G.R., ed., Quaternary lakes of the eastern Mojave desert, California: Field Trip Guidebook, 1985 Pacific Cell of Friends of Pleistocene, p.101-112.
- Roberson, M.R., 1984, Morphological dating of fault scarps in Death Valley, California, 14 pp. ill.; graphs; maps.
- Roberts, M.T., 1974, Stratigraphy and depositional environments of the Crystal Spring Formation, Southern Death Valley region, California, *in* Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the # section: The Death Valley Publishing Company, Shoshone, California, p. 49-58.
- Roberts, M.T., 1974, Stratigraphy and depositional environments of the Crystal Spring Formation, southern Death Valley region, California Guidebook: Death Valley region, California and Nevada [prepared for the 70th Annual Meeting of Cordilleran Section, Geological Society of America]: Shoshone CA, The Death Valley Publishing Company, 97 p.
- Roberts, M.T., 1976, Stratigraphy and depositional environments of the Crystal Spring Formation, Southern Death Valley Region, California, *in* Troxel, Bennie, W., and Wright, Lauren A., eds., 1976, Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 35-44.
- Roberts, M.T., 1982, Depositional environments and tectonic setting of the Crystal Spring Formation, Death Valley region, California, *in* Cooper, J. D., Troxel, B. W., and Wright, L. A., Editors, Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook for field trip no. 9, 78th Anniversary Meeting of Cordilleran Section, Geological Society of America, Death Valley Publishing Company, p. 143-154.
- Roberts, M.T., 1982, The Crystal Spring Formation: initial deposits of the Amargosa aulacogen, Death Valley region, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 14, p. 228.
- Roberts, R.J., 1964, Mineral and water resources of Nevada-Paleozoic rocks: Nevada Bureau of Mines Bulletin 65, 22 p.
- Roberts, S., Spencer, R., Yang, W., et al., 1996, Climatic response in Death Valley, California, during glacial termination II: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 459.
- Roberts, S.M., 1993, Investigators Annual Report [Isotopes and chemistry at Death Valley]. (incomplete reference)
- Roberts, S.M., 1996, Paleoclimate of Death Valley, California (100-200 ka), a record from cored sediments, homogenization temperatures of fluid inclusions in halite, and stable isotopes of fluid inclusions: (incomplete reference).
- Roberts, S.M., and Spencer, R.J., 1995, Paleotemperatures preserved in fluid inclusions in halite: *Geochem. Cosmochim. Acta*, v. 59, p. 3929-3942.
- Roberts, S.M., Spencer, R.J. and anonymous, 1995, Hexagonal halite pseudomorphs, possible climatic indicator of temperatures below 0 degrees C: GAC/MAC annual meeting—AGC/AMC reunion annuelle, v. 20, p. 89.
- Roberts, S.M., Spencer, R.J., and Lowenstein, T.K., 199?, Late Pleistocene saline lacustrine sediments, Badwater Basin, Death Valley, California, *in* Lomando, Anthony J., Schreiber, B. Charlotte, and Harris, Paul M., Lacustrine reservoirs and depositional systems, Denver DO, June 12 1994, p. pages 61-103. (incomplete reference)
- Roberts, S.M., Spencer, R.J., Izquierdo M., G., et al., 1994, Fluid inclusion homogenization temperatures from syndepositional halite—A reliable record of late: PACROFI V, 5th Biennial Pan-American Conference on Research on Fluid Inclusions, v. 5, p. 84-85.
- Roberts, S.M., Spencer, R.J., Vanko, D.A., et al., 1994, Paleotemperatures preserved in fluid inclusions in halite: PACROFI V, 5th Biennial Pan-American conference on Research on Fluid Inclusions, v. 5, p. 3929-3942.
- Roberts, S.M., Spencer, R.J., Yang, W., Krouse, H. R., Lowenstein, T. K., Ku, T.-l., and Luo, S., 1994, Paleoclimate of Death Valley, California between 100 and 200 thousand years B.P., *in* Geological Society of America Annual Meeting, Seattle, WA, October 1994, p. A-170. (incomplete reference)

- Roberts, S.M., Spencer, R.J., Yang, W., et al., 1952, Investigation of the water resources of the Nevares property in Death Valley National Monument, California: United States Geological Survey Open-File Report, 21 p. (incomplete reference)
- Roberts, S.M., Spencer, R.J., Yang, W., et al., 1957, Determination of the flow of Saratoga Spring in Death Valley National Monument, California, United States Geological Survey, United States Geological Survey Open-File Report, 19p. (incomplete reference)
- Roberts, S.M., Spencer, R.J., Yang, W., Drouse, H.R., Lowenstein, T.K., and Li, J., 1993, Major dissolved ion and stable isotope hydrochemistry of the Badwater salt pan, Death Valley, California, U.S.A.: Geological Society of America, 1993 annual meeting, Abstracts with Programs, v. 25, p. 255. (incomplete reference)
- Roberts, S.M., Spencer, R.J., Yang, W., et al., 1995, Deciphering some unique paleoclimate indicators in saline lake deposits from Death Valley, California: Geological Society of America, 29th annual meeting, North-Central and South-Central Sections, Abstracts with Programs, v. 27, p. 82-83.
- Roberts, S.M., Spencer, R.J., Yang, W., et al., 1997, Deciphering some unique paleotemperature indicators in halite-bearing saline lake deposits from Death Valley, California, USA—Paleolimnology in the Great Plains of North America: Journal of Paleolimnology, v. 17, p. 101-130.
- Roberts, S.M., Spencer, R.J., Yang, W., Krouse, H.R., Lowenstein, T.K., Ku, R., and Luo, S., 1994, Paleoclimate of Death Valley, California between 100 and 200 thousand years B.P.: Geological Society of America, Annual Meeting, Abstracts with Programs, v. 26, p. A-170. (incomplete reference)
- Robie, L.S., Reiner, S.R., and Locke, G.L., 1995, Ground-water data for the Nevada Test Site, 1992, and for selected other areas in south-central Nevada, 1952-92: U.S. Geological Survey Open-File Report 95-284, 48 p.
- Robinson, B.P., and Beetem, W.A., 1975, Quality of water in aquifers of the Amargosa Desert and vicinity, Nevada: U.S. Geological Survey Report USGS-474-215 [NTS-123, 1965], 64 p. Available only from National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.
- Robinson, G.D., 1985, Structure of pre-Cenozoic rocks in the vicinity of Yucca Mountain, Nye County, Nevada—A potential nuclear-waste disposal site: U.S. Geological Survey Bulletin, 22.
- Robinson, James Holt, 1964, Geology of the northwest portion of the Waucoba Spring quadrangle, Inyo Mountains, California: Unpublished Masters thesis, University of California at Los Angeles. (incomplete reference)
- Robinson, P., 1968, The paleontology and geology of the Badwater Creek area, central Wyoming—Part 4, Late Eocene primates from Badwater, Wyoming, with a discussion of material from Utah: Annals of Carnegie Museum, v. 39, p. 307-326.
- Robinson, P.T., and Crowder, D.F., 1973, Geologic map of the Davis Mountain quadrangle, Esmeralda and Mineral Counties, Nevada, and Mono County, California: U.S. Geological Survey Geologic Quadrangle Map GQ-1078, scale 1:62,500. M
- Robinson, P.T., McKee, E.H., and Moiola, R.A., 1968, Cenozoic volcanism and sedimentation, Silver Peak region, western Nevada and adjacent California, *in* Studies in volcanology: Geological Society of America Memoir 116, scale 1:150,000, p. 577-611. Q, S
- Robinson, P.T., Stewart, J.H., Moiola, R.J., and Albers, J.P., 1976, Geologic map of the Rhyolite Ridge quadrangle, Esmeralda County, Nevada: U.S. Geological Survey Geologic Quadrangle Map GQ-1325, scale 1:62,500. M
- Robinson, T.W., 1951, Investigation of the water resources of the Nevares property in Death Valley National Monument, California: U.S. Geological Survey Open-File Report, 21 p.
- Robinson, T.W., 1957, Determination of the flow of Saratoga Springs in Death Valley National Monument, California: U.S. Geological Survey Open-File Report, Sacramento, California, 18 p. (incomplete reference)
- Robinson, T.W., and Hunt, C.B., 1961, Some extremes of climate in Death Valley, *in* Short papers in the geologic and hydrologic sciences, articles 1-146: U.S. Geological Survey Professional Paper 424-B, p. 192-194.
- Robinson, T.W., et al, 1947, Water levels and artesian pressure in wells in Las Vegas valley and other valleys in Nevada, 1913-1945: Nevada Water Resources Bulletin 3, 77 p.
- Robison, J.H., 1984, Ground-water level data and preliminary potentiometric-surface maps, Yucca Mountain and vicinity, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 84-4197, 8 p.
- Robison, J.H., 1986, Letter from J.H. Robison (U.S. Geological Survey, Lakewood, Colorado) to D.L. Vieth (U.S. Department of Energy/Nevada Operations Office, Las Vegas Nevada), September 17, 1986, regarding revisions of Yucca Mountain water levels reported in J.H. Robison, 1984. (HQS.880517.1935)

- Robison, J.H., and Craig, R.W., 1988, Geohydrology of rocks penetrated by test well USW H-5, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigation Report 88-4168, 44 p.
- Robison, J.H., Stephens, D.M., Luckey, R.R., and Baldwin, D.A., 1988, Water levels in periodically measured wells in the Yucca Mountain area, Nevada, 1981-87: U.S. Geological Survey Open-File Report 88-468, 132 p.
- Robledo, A.R., Ryder, P.L., Fenelon, J.M., and Paillet, F.L., 1998, Geohydrology of monitoring wells drilled in Oasis Valley near Beatty, Nye County, Nevada, 1997: U.S. Geological Survey Water-Resources Report 98-4184, 40 p.
- Roddy, D.J., 1968, Minimum energy of formation of Ubehebe Crater, Death Valley, California: Geological Society of America Special Paper, p. 187-188. (incomplete reference)
- Rodriguez, E.A., and Yount, J.C., 1988, Relation between P-wave velocity and stratigraphy of late Cenozoic deposits of southern Nevada, *in* Carr, M.D., and Yount, J.C., eds., Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 139-146.
- Roe, L.A., 1973, Talc and pyrophyllite, *in* Industrial minerals and rocks: American Institute of Mining Engineers, 4th edition of 1975, p. 1127-1147.
- Roeloffs, E.A., 1988, Hydrologic precursors to earthquakes—A review: *Pure and Applied Geophysics*, v. 126, p. 177-209.
- Rogers, A.F., 1919, Colemanite pseudomorphous after inyoite from Death Valley, California: *American Mineralogist*, v. 4, p. 135-139.
- Rogers, B., 1980, Mineral analyses from Titus Canyon Cave and Salt Creek area. (incomplete reference)
- Rogers, B.W., 1981, Soil pipe caves in the Death Valley region, California, *in* Beck, Barry F., Editor; Department of Geology, Georgia Southwestern College, Americus GA, Proceedings of the Eighth International Congress of Speleology, Volumes I & II, Western Kentucky University, Bowling Green, KY, July 18 1981-July 24 1981, p. 547-548.
- Rogers, C.L., and Noble, D.C., 1969, Geologic map of the Oak Spring Butte quadrangle, Nye County, Nevada: United States Geological Survey, United States Geological Survey Geological Quadrangle Map GQ-822, Extent unknown 1:24,000.
- Rogers, C.L., Ekren, E.B., Noble, D.C., and Weir, J.E., 1968, Geologic map of the northern half of the Black Mountain Quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Series Map I-545, 1 sheet, map scale 1:62,500.
- Rogers, L.S., and others, 1987, Overview of water resources in Owens Valley, California: U.S. Geological Survey Water-Resources Investigations Report 86-4357, 37 p.
- Rohrer, T., 1977-1978, Badwater bench mark locations. (incomplete reference)
- Rojstaczer, S., 1987, The local effects of groundwater pumpage within a fault-influenced groundwater basin, Ash Meadows, Nye County, Nevada, U.S.A.: *Journal of Hydrology*, v. 91, p. 319-337.
- Rojstaczer, S., 1988, Determination of fluid flow properties from the response of water levels in wells to atmospheric loading: *Water Resources Research*, v. 24, no. 11, p. 1927-1938.
- Rojstaczer, S., 1988, Intermediate period response of water levels in wells to crustal strain-sensitivity and noise level: *Journal of Geophysical Research*, v. 93, no. B11, p. 13,619-13,634.
- Rojstaczer, S., and Agnew, D.C., 1989, The influence of formation material properties on the response of water levels in wells to earth tides and atmospheric loading: *Journal of Geophysical Research*, v. 94, no. B9, p. 12,403-12,411.
- Rojstaczer, S., and Riley, F.S., 1990, Response of the water level in a well to earth tides and atmospheric loading under unconfined conditions: *Water Resources Research*, v. 26, no. 8, p. 1803-1817.
- Roquemore, G.R., Simila, G.W., and anonymous, 1993, Structural continuity between the June 28, 1992, Landers rupture zone and southern Owens Valley defined by aftershocks, focal mechanisms, and late Quaternary faults: EOS [Transactions of American Geophysical Union], 1993 fall meeting, v. 74, p. 611-612.
- Rose, T. P., Kenneally, J.M., Smith, D.K., Davisson, M.L., Hudson, G.B., and Rego, J.A.H., 1997, Chemical and isotopic data for groundwater in southern Nevada: Lawrence Livermore National Laboratory, UCRL-ID-128000, 4 p., 5 tables.
- Roseboom, E.H., Jr., 1983, Disposal of high-level nuclear waste above the water table in arid regions: U.S. Geological Survey Circular 903, 21 p.
- Roselle, Gregory Thomas, 1997, Integrated petrologic, stable isotopic, and statistical study of fluid-flow in carbonates of the Ubehebe Peak contract aureole, Death Valley National Park, California: Unpublished Ph.D. dissertation, University of Wisconsin, Madison, Wisconsin, 219 p., 3 appendix.

- Rosen, M.R., 1989, Sedimentologic, geochemical, and hydrologic evolution of an intracontinental, closed-basin playa (Bristol Dry Lake, California)—A model for playa development and its implications for paleoclimate: Unpublished, University of Texas, Austin, Texas, 266 p. (incomplete reference)
- Rosholt, J.N., 1980, Uranium-trend dating of Quaternary sediments: U.S. Geological Survey Open-File Report 80-1087, 65 p.
- Rosholt, J.N., Bush, C.A., Carr, W.J., Hoover, D.L., Swadley, W.C., and Dooley, J.R., Jr., 1985, Uranium-trend dating of Quaternary deposits in the Nevada Test Site area, Nevada and California: U.S. Geological Survey Open-File Report 85-540, 72 p.
- Rosholt, J.N., Colman, S.M., Stuiver, M., Damon, P.E., Naeser, C.W., Naeser, N.D., Szabo, B.J., Muhs, D.R., Liddicoat, J.C., Forman, S.L., Machette, M.N., and Pierce, K.L., 1991, Dating methods applicable to the Quaternary, *in* Morrison, R.B., ed., Quaternary nonglacial geology—Conterminous U.S.: Geological Society of America, The Geology of North America, v. K-2, p. 45-74.
- Rosholt, J.N., Swadley, W.C., and Bush, C.A., 1988, Uranium-trend dating of fluvial and fan deposits in the Beatty area, Nevada, *in* Carr, M.D., and Yount, J.C., eds., Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 129-138.
- Ross, D.C., 1962, Preliminary geologic map of the Independence quadrangle, Inyo County, California: United States Geological Survey, United States Geological Survey Mineral Inv. Field Studies Map MF-254, Extent unknown Scale unknown. (incomplete reference)
- Ross, D.C., 1963, New Cambrian, Ordovician and Silurian formations in the Independence quadrangle, Inyo County, California, *in* Short papers in geology and hydrology: US Geological Survey Professional Paper 475-B, p. B74-B85, 219p.
- Ross, D.C., 1965, Geology of the Independence quadrangle, Inyo County, California: US Geological Survey Bulletin 1181-0, 64 p.
- Ross, D.C., 1966, Stratigraphy of some Paleozoic formations in the Independence quadrangle, Inyo County, California: US Geological Survey Professional Paper 396, 64 p.
- Ross, D.C., 1967, Generalized geologic map of the Inyo Mountains region, California: Washington, DC, United States Geological Survey, Miscellaneous Geologic Investigations Map, no. I-506, 1 sheet, 1:125,000.
- Ross, D.C., 1967, Geologic map of the Waucoba Wash quadrangle, Inyo County, California: U.S. Geological Survey Map GQ-612, map scale 1:62,500.
- Ross, D.C., 1969, Descriptive petrography of three large granitic bodies in the Inyo Mountains, California: U.S. Geological Survey Professional Paper 601, 45p.
- Ross, D.C., 1970, Pegmatitic trachyandesite plugs and associated volcanic rocks in the Saline Range-Inyo Mountains region, California Shorter contributions to general geology, United States Geological Survey, United States Geological Survey Professional Paper 614-D, 29 p.
- Ross, D.C., compiler, 1967, Generalized geologic map of the Inyo Mountains region, California: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-506, scale 1:125,000. M
- Ross, R.J., Jr., 1964, Middle and Lower Ordovician formations in southernmost Nevada and adjacent California: US Geological Survey Bulletin, v. 1180-C, p. C1-C101.
- Ross, R.J., Jr., 1967, Some Middle Ordovician brachiopods and trilobites from the Basin Ranges, western United States, United States Geological Survey, United States Geological Survey Professional Paper 523-D, Pages D32-D34 [incomplete?] . (incomplete reference)
- Ross, W.A., 1956, Mississippian rocks in eastern California and adjacent Nevada: Geological Society of America Bulletin, v. 67, p. 1729. (incomplete reference)
- Roth, J.G., and Campana, M.E., 1989, A mixing-cell model of the Railroad Valley regional groundwater flow system, central Nevada: University of Nevada at Las Vegas, Desert Research Institute, Water Resources Center Publication 41123, 175 p.
- Rothfuss, E.L., 1986, Feral Burro Removal In Death Valley National Monument.: Conf. Sci. Natl. Parks , v. 4, p. 192.
- Rothfuss, E.L., 1994, Water monitoring - Amargosa River & Saratoga Springs [memo]. (incomplete reference)
- Roths, P.J., Vyverberg, K.A., Troxel, B., et al., 1983, Geology of the northwestern Kingston Range, San Bernadino and Inyo counties, California: Geological Society of America, 36th annual meeting, Rocky Mountain Section and 79th annual meeting, Cordilleran Section, Abstracts with Programs, v. 15, p. 438.

- Rowan, L.C., and Wetlaufer, P.H., 1981, Relation between regional lineament systems and structural zones in Nevada: American Association of Petroleum Geologists Bulletin, v. 65, no. 8, p. 1414-1432.
- Rowland, S.M., 1978, Environmental stratigraphy of the Lower Member of the Poleta Formation (Lower Cambrian), Esmeralda County, Nevada, Santa Cruz, CA, University of California, Santa Cruz. (incomplete reference)
- Rowland, S.M., 1981, Archeocyathid reefs of the southern Great Basin, western United States, *in* Short papers for the Second International Symposium on the Cambrian System, United States Geological Survey, United States Geological Survey Open-File Report 81-743 [or 81-731 (?)], Extent unknown .
- Rowland, S.M., Gath, E.M., Gregory, J.L., et al., 1987, Archaeocyathid reefs of the southern Great Basin, Western United States—Geology and mineral wealth of the Owens Valley region, California: South Coast Geological Society, Annual Field Trip Guidebook, v. 15, p. 115-119.
- Rowlands, P.G., (Northern Arizona University, Cooperative Park Studies Unit), 1993., Vegetation and climate of Death Valley National Monument and the adjacent Mojave and Great Basin Deserts, California and Nevada: Proceedings of the fourth conference on research in California's National Parks, National Park Service, National Park Service Transactions and Proceedings Series, v. 9, p. 66-82.
- Rowlands, P.G., 1982, Physical and biotic attributes of the Eureka Dunes Region, Eureka Valley, California: Unpublished Report, Bureau of Land Management, 46 p.
- Rowlands, P.G., 1991, Tank closure report for United States Department of Interior, National Park Service, at Death Valley National Monument, Death Valley California: Los Angeles, CA, Rubeck Engineering and Construction, Inc., 100+ pages.
- Rowlands, P.G., 1993, Lust site contamination excavation report for Grapevine and Wildrose areas, Death Valley National Park, Inyo County, California: Los Angeles, CA, Rubeck Engineering and Construction, Inc., 50+ pages.
- Rowlands, P.G., 1994, Contaminated soil remediation report for fuel-contaminated soils stockpiled and treated at the Cow Creek maintenance area, Death Valley National Park, Inyo County, California: Los Angeles, CA, Rubeck Engineering and Construction, Inc., 40+ pages.
- Rowley, P.D., 1998, Cenozoic transverse zones and igneous belts in the Great Basin, western United States—Their tectonic and economic implications, in Faulds, J.E., and Stewart, J.H., eds., Accommodation zones and transfer zones—The regional segmentation of the Basin and Range Province: Boulder, Colo., Geological Society of America Special Paper 323, p. 195-228.
- Rubeck Engineering and Construction Co., 1991, Tank closure report for U.S. Department of Interior: Private Consultants, November 1, 1991 (incomplete reference).
- Rubeck Engineering and Construction Co., 1993, LUST (?? Underground Storage Tank) site contamination excavation report for Grapevine and Wildrose Canyons: Private Consultants, October 1, 1993. (incomplete reference)
- Rubeck Engineering and Construction Co., 1993, Work, health, and safety, and accident prevention plan for LUST (?? Underground Storage Tank) site excavation and closure at Grapevine and Wildrose Canyons: Private Consultants, June 10, 1993. (incomplete reference)
- Rumsey, C.M., 1984, Mineral investigation of the lower Saline Valley Wilderness Study Area (Bureau of Land Management, Number CDCA-117A) Inyo County, California: U.S. Bureau of Mines Open-File Report MLA 1-84, 9 p.
- Runkle, L.H., 1970, Regional ground-water systems in the Nevada Test Site area, Nye, Lincoln, and Clark counties, Nevada, Nevada Department of Conservation and Natural Resources, Nevada Division of Water Resources, Reconnaissance Series Report 54, 25 p.
- Runkle, L.H., 1984, The depositional and erosional history of some recent sediments: Mosaic Canyon, Death Valley, California, 21 pp. ill.; maps; graphs; tabs.
- Rush, F.E., 1968, Index of hydrographic areas in Nevada: Nevada Department of Conservation and Natural Resources, Division of Water Resources Reconnaissance Report 6, 37 p.
- Rush, F.E., 1968, Water-resources appraisal of Clayton Valley-Stonewall Flat area, Nevada and California: Nevada Department of Conservation and Natural Resources, Division of Water Resources Reconnaissance Report 45, 54 p.
- Rush, F.E., 1970, Regional ground-water systems in the Nevada Test Site Area, Nye, Lincoln, and Clark Counties, Nevada: Nevada Department of Conservation and Natural Resources, Division of Water Resources Reconnaissance Report 54, 24 p.
- Rush, F.E., and Huxel, C.J., 1966, Ground-water appraisal of the Eldorado-Puite Valley area, Nevada and California: Nevada Department of Conservation and Natural Resources, Division of Water Resources Reconnaissance Report 36, 30 p.

- Rush, F.E., and Katzer, T.L., 1973, Water-resources appraisal of Fish Lake Valley, Nevada and California: Nevada Division of Water Resources Reconnaissance Report 58, 70 p.
- Rush, F.E., Scott, B.R., Van Denburgh, A.S., and Vasey, B.J., 1971, State of Nevada water resources and interbasin flows: Nevada Division of Water Resources Map, map scale 1:750,000.
- Rush, F.E., Thordarson, W., and Bruckheimer, L., 1983, Geohydrologic and drill-hole data for test well USW H-1, adjacent to Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Open-File Report 83-141, 38 p.
- Rush, F.E., Thordarson, W., and Pyles, D. G., 1984, Geohydrology of test well USW H-1, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 84-4032, 56 p.
- Russell, C.E., 1988, Annotated bibliography of the physical data of Rainier Mesa and Yucca Mountain: .State of Nevada, Agency for Nuclear Projects/Nuclear Waste Project Office, NWPO-TR-012-89. University of Nevada at Las Vegas, Water Resources Center, Desert Research Institute, 54 p.
- Russell, C.E., Hess, J.W., and Tyler, S.W., (in press as of 1996), Hydrogeologic investigation of flow in fractured tuffs, Rainier Mesa, Nevada Test Site: University of Nevada at Las Vegas, Desert Research Institute Publication 45062, 25 p. (incomplete reference)
- Russell, Gary M., and Locke, Glenn L., 1997, Summary of data concerning radiological contamination at Well PM-2, Nevada Test Site, Nevada: U.S. Geological Survey Open-File Report 96-599, 22 p., 6 appendix.
- Russell, I.C., 1889, Quaternary history of Mono Valley, California: U.S. Geological Survey, 8th Annual Report, p. 261-394, plates XVI-XLIV, 12 figures.
- Ryall, A., 1973, Earthquake Potential in Western Nevada: Presented at an ASCE Seminar on Engineering Problems Associated with Earthquake Hazards in Western Nevada, Carson City, January 29, 1973, 19 p.
- Ryall, A., and Ryall, F.D., 1983, Increased Potential for a Major Earthquake in the White Mountains Seismic Gap, California and Nevada: Unpublished Report, Seismological Laboratory University of Nevada, Reno.
- Ryall, A., and VanWormer, J.D., 1980, Estimation of Maximum Magnitude and Recommended Seismic Zone Changes in the Western Great Basin: Bulletin of the Seismological Society of America, v. 70, no. 5, p. 1573-1581.
- Ryall, A., Slemmons, D.B. and Gedney, L.D., 1966, Seismicity, Tectonism, and Surface Faulting in the Western United States During Historic Time: Seismological Society of America, Bulletin, v. 56, p. 1105-1135.
- Ryan, D.R., 1992, Analysis of water levels in Devils Hole: National Park Service, Water Resources Division, Fort Collins, Colorado. (incomplete reference)
- Rykken, L.E., 1976, Lithium production from Searles Valley, *in* Vine, James D., Editor, Lithium resources and requirements by the year 2000, Golden CO, January 22 1976-January 24 1976, United States Geological Survey Professional Paper 1005, p. 33-34.

S

- Sabine, C., and Mayerle, R.T., 1985, Mineral resources of the Nopah Range Wilderness Study Area (BLM No. CDCA-150), Inyo County, California: (incomplete reference)
- Sabins, F.F. Jr., 1984. Geologic mapping of Death Valley from Thematic Mapper, thermal infrared, and radar images. Proceedings of the International Symposium on Remote Sensing of Environment , v. 3, p. 139-152. (I,M)
- Sada, D.W., 1984, Land Protection Plan: proposed acquisition to establish Ash Meadows National Wildlife Refuge, Nye County, Nevada, Department of the Interior, U. S. Fish and Wildlife Service, Region I, Portland OR, 39 p. + appendices .
- Sada, D.W., 1987, Introduction to the symposium: rehabilitation of Ash Meadows, Nevada, *in* Pister, Edwin P., Editor, Proceedings of the Desert Fishes Council: the sixteenth - eighteenth annual symposia, Universidad Autonoma de San Luis Potosi (1984), Death Valley National Monument (1985), St. George UT (1986), 1984, p. pages 84-85.
- Sada, D.W., 1987, Perspectives on an integrated approach to recover Ash Meadows, Nevada, *in* Pister, Edwin P., Editor, Proceedings of the Desert Fishes Council: the sixteenth - eighteenth annual symposia, Universidad Autonoma de San Luis Potosi (1984), Death Valley National Monument (1985), St. George UT (1986), 1984, p. page 88.
- Sada, D.W., 1990, Recovery plan for the endangered and threatened species of Ash Meadows, Nevada: U.S. Fish and Wildlife Service, Reno, Nevada. (incomplete reference)

- Sada, D.W., and Deacon, J.E., 1984, Environmental Assessment: proposed acquisition to establish Ash Meadows National Wildlife Refuge, Nye County, Nevada, Department of the Interior, U. S. Fish and Wildlife Service, Region I, Portland OR, 64 p. + appendices .
- Sada, D.W., and Deacon, J.E., 1994, The probable effects of ground water use proposed by the Las Vegas Valley Water District on spring-dwelling animals in southern Nevada and southeastern California. (incomplete reference)
- Sada, D.W., and Deacon, J.E., 1995, Spatial and temporal variability of pupfish (genus *Cyprinodon*) habitat and populations at Salt Creek and Cottonball Marsh, Death Valley National Park, California, 76 pages. (incomplete reference)
- Sada, D.W., and Deacon, J.E., 1997, Spatial and temporal variability of pupfish (genus *Cyprinodon*) habitat and populations at Saratoga Springs and the lower Amargosa River, Death Valley National Park, California, 105 p.
- Sada, D.W., and J.E. Deacon, editors, 1994, Annotated bibliography for non-game aquatic biota in the deserts of southern Nevada and southeastern California, through 1993, 108 pp.
- Sada, D.W., Pindal, K., Threlkoff, D.L., and Deacon, J.E., 1997, Spatial and temporal variability of pupfish (genus *Cyprinodon*) habitat and populations at Saratoga Springs and lower Amargosa River, Death Valley National Park, California: Environmental Studies Program, University of Nevada at Las Vegas, 95 p.
- Sadler, W.R., Campana, M.E., Jacobson, R.L., and Ingrahm, N.L., 1992, A deuterium-calibrated, discrete-state compartment model of regional groundwater flow, Nevada Test Site and vicinity: University of Nevada at Las Vegas, Desert Research Institute Publication 45088, 77 p.
- Saint-Amand, P., 1986, Geology of the Panamint dune field, *in* Davis, Emma Lou, and Raven, Christopher, Editors, Environmental and paleoenvironmental studies in Panamint Valley: San Diego, CA, Great Basin Foundation, Contributions of the Great Basin Foundation Number 2, p. 55-64, 64 p.
- Sales, John K., 1966, Structural analysis of the Basin and Range Province in terms of wrench faulting: Unpublished Ph.D. dissertation, University of Nevada, Mackay School of Mines, Reno, Nevada. (incomplete reference)
- Saltus, R.W., and Jachens, R.C., 1995, Gravity and basin depth maps for the Basin and Range province, western United States: U.S. Geological Survey Geophysical Map GP-1012, scale 1:2,500,000, interpretive text. (G)
- Sampson, R.J., 1932, Mineral resources of a part of the Panamint Range *in* Mining in California, California Division of Mines and Geology Report , v. 28, p. 357-376. (incomplete reference)
- Sanchez, P., 1969, Notes scribbled on field trip with Mitchell Reynolds [Titus Canyon]. (incomplete reference)
- Sanchez, P.G., 1975, Selected bibliography: pupfish of Death Valley National Monument/related geology and hydrology, 1889-1974. (incomplete reference)
- Santini, K.N., Shapiro, A.R. and Austin, G.S., 1982, Geology of the Ash Meadows clinoptilolite deposit, Inyo County, California, and Nye County, Nevada—Industrial rocks and minerals of the Southwest: Symposium on industrial rocks and minerals of the Southwest, Albuquerque, NM. (incomplete reference)
- Sargent, K.A., 1989, Potential host media for radioactive waste Studies of geology and hydrology in the Basin and Range Province, Southwestern United States, for isolation of high-level radioactive waste- -characterization of the Death Valley Region, Nevada and California., US Geological Survey, Studies of geology and hydrology for isolation of high-level radioactive waste, pages F20-F23 Available from Books and Open Files Reports Section, USGS Box 25425, Denver, CO 80225.
- Sargent, K.A., and Grose, T.L.T., 1984, Chemical analyses, correlations, and ages of upper Pliocene and Pleistocene ash layers of east-central and southern California, United States Geological Survey, United States Geological Survey Professional Paper 1293, 40 p.
- Sargent, K.A., and Grose, T.L.T., 1989, Quaternary tectonism Studies of geology and hydrology in the Basin and Range Province, Southwestern United States, for isolation of high-level radioactive waste- -characterization of the Death Valley Region, Nevada and California., US Geological Survey, Studies of geology and hydrology for isolation of high-level radioactive waste, pages F24-F27 Available from Books and Open Files Reports Section, USGS Box 25425, Denver, CO 80225.
- Sargent, K.A., McKay, E.J., Burchfiel, B.C., 1970, Geologic map of the Striped Hills quadrangle, Nye County, Nevada, U.S. Geological Survey Geologic Quadrangle Map GQ-882, map scale 1:24,000.
- Sargent, K.A., Stewart, J.H., 1971, Geologic map of the Specter Range NW quadrangle, Nye County, Nevada, U.S. Geological Survey Geologic Quadrangle Map GQ-884, map scale 1:24,000.

- Sarna-Wojcicki, A.M., and Davis, J.O., 1991, Quaternary tephrochronology, in Morrison, R.B., ed., Quaternary nonglacial geology; Conterminous U.S.: Boulder, Colo., Geological Society of America, Geology of North America, v. K-2, p. 93-116.
- Sarna-Wojcicki, A.M., and Pringle, M.S., Jr., 1992, Laser fusion $^{40}\text{Ar}/^{39}\text{Ar}$ ages of the Tuff of Taylor Canyon and Bishop Tuff, E. California and W. Nevada: EOS [Transactions of the American Geophysical Union], v. 73, no. 43, p. 633.
- Sarna-Wojcicki, A.M., Bowman, H.R., Meyer, C.E., Russell, P.C., Woodward, M.J., McCoy, G., Rowe, J.J., Jr., Baedeker, P.A., Asaro, F., and Michael, H., 1984, Chemical analyses, correlations, and ages of Upper Pliocene and Pleistocene ash layers of east-central and southern California: U.S. Geological Survey Professional Paper 1293, 40 p.
- Sass, J.H., and Lachenbruch, A.H., 1982, Preliminary interpretation of thermal data from the Nevada Test Site: U.S. Geological Survey Open-File Report 82-973, 30 p.
- Sass, J.H., Lachenbruch, A.H., Dudley, W.W., Jr., Priest, S.S., and Munroe, R. J., 1988, Temperature, thermal conductivity, and heat flow near Yucca Mountain, Nevada—Some tectonic and hydrologic implications: U.S. Geological Survey Open-File Report 87-649, 118 p.
- Sass, J.H., Lachenbruch, A.H., Galanis, S.P., Jr., et al., 1994, Thermal regime of the southern Basin and Range Province—1, Heat flow data from Arizona and the Mojave Desert of California and Nevada: Journal of Geophysical Research, v. 99, p. 22,093-22,119.
- Sauber, J., Thatcher, W., and Solomon, S.C., 1986, Geodetic measurements of deformation in the central Mojave desert, California: Journal of Geophysical Research, v. 91, p. 12,683-12,693.
- Sauber, J., Thatcher, W., Solomon, S.C., and Lisowski, M., 1994, Geodetic slip rate for the eastern California shear zone and the recurrence time of Mojave desert earthquakes: Nature, v. 367, p. 264-266.
- Savage, D.E., Downs, T., and Poe, O.J., 1954, Cenozoic land life of southern California, in Jahns, R.H., ed., Geology of southern California, California Department of Natural Resources, Division of Mines Bulletin 170, Chapter III, Contribution 6, p. 43-57.
- Savage, J.C., 1994, Global Positioning System profile: Yucca Mountain to Sierra Nevada. (incomplete reference)
- Savage, J.C., and Lisowski, M., 1984, Deformation in the White Mountain seismic gap, California-Nevada, 1972-1982: Journal of Geophysical Research, v. 89, p. 7671-7687.
- Savage, J.C., and Lisowski, M., 1995, Strain accumulation in Owens Valley, California, 1974 to 1988: Bulletin of the Seismological Society of America, v. 85, p. 151-158.
- Savage, J.C., Lisowski, M., and Prescott, W.H., 1990, An apparent shear zone trending north-northwest across the Mojave Desert into Owens Valley, eastern California: Geophysical Research Letters, v. 17, p. 2113-2116.
- Savard, C.S., 1990, Evidence for the boundary between Oasis Valley and Alkali-Flat Furnace Creek Ranch ground-water subbasins, Nevada: EOS [Transactions of American Geophysical Union], v. 70, no. 43, p. 1100.
- Savard, C.S., 1994, Ground-water recharge in Fortymile Wash near Yucca Mountain, Nevada, 1992-1993, in Proceedings of the Fifth Annual International Conference, High Level Radioactive Waste Management, Las Vegas, Nevada, May 22-26, 1994, v. 4, p. 1805-1813. (incomplete reference)
- Savard, C.S., 1995, Selected hydrologic data from Fortymile Wash in the Yucca Mountain area, Nevada, Water Year 1992: U.S. Geological Survey Open-File Report 94-317. (incomplete reference)
- Savard, C.S., 1998, Estimated ground-water recharge from streamflow in Fortymile Wash near Yucca Mountain, Nevada: U.S. Geological Survey Water-Resources Investigations Report 97-4273, 30 p.
- Savard, C.S., and Beck, D.A., 1994, Transmission losses in Fortymile Wash near Yucca Mountain, Nevada [abs.]: EOS [Transactions of American Geophysical Union], v. 75, no. 44, p. 283.
- Savard, C.S., and Crompton, E.J., 1993, Hydrologic data for east-central Nevada, Water Years 1982-88: U.S. Geological Survey Open-File Report 90-153, 25 p., 20 figures, 25 tables.
- Savard, C.S., Flint, L.E., Ambos, D.S., and Kane, T.G., 1992, Runoff, infiltration, and recharge near Yucca Mountain, Nevada, 1992: EOS [Transactions of American Geophysical Union], v. 73, no. 43, Supplement, p. 202.
- Savina, M., and others, 1984, Independent study papers from the Carleton College Death Valley seminar, winter 1984. (incomplete reference)
- Savina, M., and others, 1986, Independent study papers from the Carleton College Death Valley seminar, winter 1986. (incomplete reference)

- Savoca, M., Cemen, I., 1989, Uplift of the central Funeral Mountains, Death Valley California—Evidence from a conglomerate exposed east of Texas Spring: Geological Society of America, Cordilleran Section, 85th annual meeting and Rocky Mountain Section, 42nd annual meeting, Abstracts with Programs, v. 21, no. 3, p. 140.
- Savoca, Mark E., 1989, Stratigraphy, depositional environments, and structure of Tertiary units in northern part of Furnace Creek Basin, Death Valley, California: Unpublished Masters Thesis, Oklahoma State University, Stillwater, Oklahoma, 78 p.
- Sawyer, D.A., and Sargent, K.A., 1989, Petrologic evolution of divergent peralkaline magmas from the Silent Canyon caldera complex, southwestern Nevada volcanic field: *Journal of Geophysical Research*, v. 94, no. B5, p. 6021-6040.
- Sawyer, D.A., Cole, J.C., Laczniaik, R.J., et al., 1991, Hydrogeologic uncertainties in the Nevada Test Site region: Geological Society of America, 1991 annual meeting, Abstracts with Programs, v. 23, p.76.
- Sawyer, D.A., Fleck, R.J., Lanphere, M.A., Warren, R.G., and Broxton, D.E., 1990, Episodic volcanism in the southwest Nevada volcanic field—New 40 Ar/39 Ar geochronologic results: *EOS [Transactions of American Geophysical Union]*, v. 71, no. 43, p. 1296.
- Sawyer, D.A., Fleck, R.J., Lanphere, M.A., Warren, R.G., Broxton, D.E., and Hudson, M.R., 1994, Episodic caldera volcanism in the Miocene southwestern Nevada volcanic field: Revised stratigraphic framework, ⁴⁰Ar/³⁹Ar geochronology, and implications for magmatism and extension: *Geological Society of America Bulletin*, v. 106, no. 10, p. 1304-1318.
- Sawyer, D.A., Wahl, R.R., Cole, J.C., Minor, S.A., Laczniaik, R.J., Warren, R.G., Engle, C.M., and Vega, R.G., 1995, Preliminary digital geological map database of the Nevada Test Site area, Nevada: U.S. Geological Survey Open-File Report 95-567, 43 p, scale 1: 130,000.
- Sawyer, T.L. and Reheis, M.C., 1997, Holocene paleoseismicity, segmentation, and seismic potential of the Fish Lake Valley fault zone, Nevada and California: *Western States Seismic Hazards Policy, Basin and Range Province Seismic Hazards Summit*.
- Sawyer, T.L., 1988, Paleoseismicity of the Fish Lake Valley fault zone—A component of the Death Valley fault system, Fish Lake Valley, Nevada, in Gregory, J.L., and Baldwin, E.J., eds., *Geology of the Death Valley region: South Coast Geological Society, Annual Field Trip Guidebook No. 16*, Santa Ana, California, p. 260-275..
- Sawyer, T.L., 1988, Terrace-Forms of Possible Solifluction Origin on Piedmont Slopes of the Western Great Basin, *Geological Society of America, Abstracts with Programs*, v. 20, no. 7, p. A374.
- Sawyer, T.L., 1989, Late Holocene Paleoseismicity of the Northern Death Valley Fault System, Fish Lake Valley, Nevada, in *Tectonic Evolution of the Southern Great Basin: Nevada Bureau of Mines and Geology, Open-file Report*, 16 p.
- Sawyer, T.L., 1990, Quaternary geology and neotectonic activity along the Fish Lake Valley fault zone, Nevada and California: *University of Nevada, Reno*, 379 p., 8 appendices, 10 plates (M.S. thesis).
- Sawyer, T.L., 1991, Quaternary faulting and Holocene paleoseismicity of the northern Fish Lake Valley fault zone, Nevada and California, in, Reheis, M.C., Sarna-Wojcicki, A.M., Meyer, C.E, McKee, E.H., Slate, J.L., Burbank, D.M., Sawyer, T.L, and Pendell, E.G., contributing eds., *Late Cenozoic stratigraphy and tectonics of Fish Lake Valley, Nevada and California—Road log and contributions to the Field Trip Guidebook: 1991 Pacific Cell of Friends of the Pleistocene*, U.S. Geological Survey Open-File Report 91-290, p. 114-138.
- Sawyer, T.L., and Slemmons, D.B., 1988, Chronology of late Holocene paleoseismicity of the northern Death Valley–Furnace Creek fault zone, Fish Lake Valley, California–Nevada: *Geological Society of America Abstracts with Programs*, v. 20, no. 3, p. 228. N
- Sawyer, Thomas L., 1990, Quaternary geology and neotectonic activity along the Fish Lake Valley fault zone, Nevada and California: *Reno, University of Nevada, M.S. thesis*, 379 p., 6 pls., 49 figs. N
- Sawyer, T.L., Klinger, R.E., dePolo, C.M., and Reheis, M.C., 1996, Death Valley fault system: significant ground motion sources for southern Nevada: *Seismic Hazards in the Las Vegas region, University of Nevada Las Vegas, Program with abstracts*, p. 36-37.
- Saylor, B.Z. and Hodges, K.V., 1991, The Titus Canyon Formation: Evidence for Early Oligocene extension in the Death Valley area, CA: *Geological Society of America Abstracts with Programs*, v. 23, p. A82. S,C
- Schaber, G.G., 1978. Lunar radar studies. U. S. Geological Survey Professional Paper 297, U. S. Geological Survey. Reston, VA. (I)
- Schaber, G.G., and Berlin, G.L., 1993. Death Valley, California: Surface micro-relief statistics and radar scatterometer data. Open-File Report - U. S. Geological Survey, Reston, VA. (I)

- Schaber, G.G., Berlin, G.L., and Brown, Jr., W.E., 1976, Variations in surface roughness within Death Valley, California—Geologic evaluation of 25-cm-wavelength radar images: *Geological Society of America Bulletin*, v. 87, p. 29-41.
- Schaber, G.G., Berlin, G.L., and Brown, W.E., 1975, Interagency report: astrogeology 65; variations in surface roughness within Death Valley, California: geologic evaluation of 25- cm wavelength radar images PU *Geological Society of America*, 35 pp. photos; ill.; graphs; maps; tabs.
- Schaber, G.G., Berlin, G.L., and Brown, W.E., Jr., 1976, Variations in surface roughness within Death Valley, California: geologic evaluation of 25-cm wavelength radar images: *Geological Society of America Bulletin*, v. 87, p. 29-41.
- Schaber, G.G., Berlin, G.L., and Pitrone, D.J., 1976, Selection of remote sensing techniques; surface roughness information from 3 cm wavelength SLAR images. *Am. Soc. Photogramm., Annu. Meet., Proc.* (incomplete reference)
- Schaber, G.G., Berlin, G.L., and Pitrone, D.J., 1993, Death Valley, California: surface micro-relief statistics and radar scatterometer data, 232 pages.
- Schaefer, D.H., 1993, Documentation of model input and output values for simulation of regional ground-water flow, carbonate-rock province, Nevada, Utah and adjacent states: U.S. Geological Survey Open-File Report 93-420 (supplement to Open-File Report 93-170), 4 p., computer disc.
- Schaefer, D.H., and Harrill, J.R., 1995, Simulated effects of proposed ground-water pumping in 17 basins of east-central and southern Nevada: US Geological Survey Water-Resources Investigations Report 95-4173, 46 p.
- Schaefer, D.H., Morris, T.M., and Dettinger, M.D., 1992, Hydrogeologic and geophysical data for selected wells and springs in the Sheep Range area, Clark and Lincoln Counties, Nevada: U.S. Geological Survey Open-File Report 84-586, 15 p.
- Schaller, W.T., 1916, Inyoite and Meyerhofferite, two new calcium borates: *United States Geological Survey Bulletin*, v. 610, p. 35-55.
- Schaller, W.T., Vlisidis, A.C., and Mrose, M.E., 1965, Macallisterite, $2\text{MgO}\cdot 6\text{B}_2\text{O}_3\cdot 15\text{H}_2\text{O}$, a new hydrous magnesium borate mineral from the Death Valley region, Inyo County, California: *The American Mineralogist*, v. 50, p. 629-640.
- Scharer, K.M., 1993, Geologic mapping index to the Death Valley National Monument area, California and Nevada, 51 pages.
- Scharer, Katherine Maxine, 1996, A revised method for determining the fractal dimension of particle sizes in fault gouge: performed on samples collected from the Mormon Point and Badwater turtlebacks, Death Valley National Park, California, Unpublished Senior thesis, Geological Sciences, University of Washington, 22 p., 2 appendix.
- Schildge, J.P., Kahle, A.B., Abrams, M.J., Alley, R.E., and Levine, C.J., 1981. The use of thermal inertia images derived from HCMM data for geologic studies. *Transactions, American Geophysical Union*, v. 62, p. 315. (I)
- Schilling, S.P., 1994, Geology of the lower Beatty Wash area, Nye County, Nevada: Golden Colorado, Colorado School of Mines, M. : thesis. (incomplete reference)
- Schlamp, J., 1964, Chemistry and movement of ground water, Nevada Test Site [preliminary], United States Geological Survey, United States Geological Survey Reports TEI-838, 75 p.
- Schlamp, J., 1968, Sodium as a clue to ground-water movement, Nevada Test Site, United States Geological Survey, United States Geological Survey Professional Paper 600-D, Extent unknown . (incomplete reference)
- Schlamp, J., 1986, Plant-soil relationships on an alluvial fan in Chicago Valley, California, 30 pp. tabs.; graphs; ill.; maps. (incomplete reference)
- Schmalz, R.F., 1968, Formation of red beds in modern and ancient deserts—Discussion: *Geological Society of America Bulletin*, v. 79, p. 277-280.
- Schmidlin, T.W., Peterson, F.F. and Gifford, R.O., 1983, Soil Temperature Regimes in Nevada: *Soil Science Society of America Journal*, v. 47, no. 5, p. 977-982.
- Schmidt, M.R., 1988, Classification of upland soils by geomorphic and physical properties affecting infiltration at Yucca Mountain: Unpublished Masters thesis, Colorado School of Mines, Golden, Colorado, 116 p.
- Schneider, J.S., Warren, C.N., Antanaitis, I., et al., 1994, The archaeology of northern Death Valley alluvial fans near Mesquite Spring: Abstracts from proceedings of the 1994 Desert Research Symposium, v. 41, p. 28. (incomplete reference)
- Schoff, S.L., and Moore, J.E., 1964 or 1968, Chemistry and movement of ground water, Nevada Test Site: U.S. Geological Survey Open-File Report TEI-838, 74 p. (incomplete reference)

- Schoff, S.L., and Moore, J.E., 1968, Sodium as a clue to ground-water movement, Nevada Test Site: U.S. Geological Survey Professional Paper 600-D, p. D30-D33.
- Scholz, C.H., Barazangi, M. and Sbar, M.L., 1971, Late Cenozoic Evolution of the Great Basin, Western United States, as an Ensilic Interarc Basin: Geological Society of America Bulletin, v. 82, p. 2979-2990.
- Schorn, H.E., 1994, Floristic and vegetation changes in west-central Nevada during the later Neogene, an empirical overview: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 521.
- Schorn, H.E., and Nichols, D.J., 1984, Palynology of the late middle Miocene sequence, Stewart Valley, Mineral County, Nevada: Proceedings of the 16th annual meeting of the American Association of Stratigraphic Palynologists, v. 8, p. 259-260.
- Schorn, H.E., Scudder, H.I., Savage, D.E., et al., 1989, General stratigraphy and paleontology of the Miocene continental sequence in Stewart Valley, Mineral County, Nevada, U.S.A.: Proceeding of International symposium on Pacific Neogene continental and marine events, p. 157-173. (incomplete reference)
- Schroth, B.K., 1987, Water chemistry reconnaissance and geochemical modeling in the Meadow Valley Wash area, southern Nevada: Unpublished Master's thesis, University of Nevada at Reno, 97 p.
- Schumm, Stanley A., 1956, The movement of rocks by wind: Journal of Sedimentary Petrology, v. 26, no. 3, p. 284-286.
- Schuraytz, B.C., Vogel, T.A., and Younker, L.W., 1989, Evidence of dynamic withdrawal from a layered magma body—the Tonopah Spring Tuff, southwestern Nevada: Journal of Geophysical Research, v. 94, no. 5B, p. 5925-5942.
- Schweickert, R.A., 1981, Tectonic Evolution of the Sierra Nevada Range, in Ernst, W. G., ed., The Geotectonic Evolution of California: Ruby Volume I, Prentice-Hall, p. 87-130.
- Schweickert, R.A., and Lahren, M.M., 1994, Amargosa fault system near Yucca Mountain, Nevada: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 250.
- Schweickert, R.A., and Lahren, M.M., 1997, Strike-slip fault system in Amargosa Valley and Yucca Mountain, Nevada: Tectonophysics, v. 272, p. 25-41.
- Schweickert, R.A., Caskey, S.J., Zoback, M.L., et al., 1990, Pre-middle Miocene extensional history of the Nevada Test Site (NTS) region, southern Nevada: Geological Society of America, Cordilleran Section, 86th annual meeting, 22, 81.
- Schweickert, R.A., Dymek, R.F. and Shelton, K.L., 1989, Evidence for a concealed dextral strike-slip fault beneath Crater Flat, Nevada: Geological Society of America, 1989 annual meeting, 21, A90.
- Schweickert, R.A., Lahren, M.M. and Caskey, S.J., 1988, Major Triassic Thrust Belt in Eastern Sierra Nevada (ESN) and White-Inyo Mountains (WIM) [abst.]: A New Hypothesis: Geological Society of America, Abstracts with Programs, v. 20, p. A273.
- Schweig, E.S., III, 1982, Late Cenozoic stratigraphy and tectonics of the Darwin plateau, Inyo County, California: (incomplete reference)
- Schweig, E.S., III, 1985, Neogene tectonics and paleogeography of the southwestern Great Basin, California: (incomplete reference)
- Schweig, E.S., III, 1986, The inception of Basin and Range tectonics in the region between Death Valley and the Sierra Nevada, California: Geological Society of America, Cordilleran Section, 82nd annual meeting, Abstracts with Programs, v. 18, p. 181-182.
- Schweig, E.S., III, 1989, Basin–Range tectonics in Darwin Plateau, southwestern Great Basin, California: Geological Society of America Bulletin, v. 101, no. 5, p. 652-662. T
- Scott, B.R., Smales, T.J., Rush, F. E., and Van Denburgh, A. S., 1971, Water for Nevada/ Nevada's water resources: Department of Conservation and Natural Resources, Division of Water Resources, Oct 3, 1971, 87 p.
- Scott, Kevin M., 1960, Geology of the Waucoba Springs area, Inyo Mountains, California: Unpublished Masters Thesis, University of California at Los Angeles. (incomplete reference)
- Scott, R.B., 1992, Preliminary Geologic Map of Southern Yucca Mountain, Nye County, Nevada, USGS Open File Report 92-266.
- Scott, R.B., and Bonk, J., 1984, Preliminary geologic map of Yucca Mountain, Nye County, Nevada, with geologic sections: U.S. Geological Survey Open-File Report 84-494, 9 p., map scale 1:12,000.
- Scott, R.B., and Castellanos, M., 1984, Stratigraphic and structural relations of volcanic rocks in drill holes USW GU-3 and USW G-3, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-491, 121 p.

- Scott, R.B., Spengler, R.W., Diehl, S.F., Lappin, A.R., and Chornack, M.P., 1983, Geologic character of tuffs in the unsaturated zone at Yucca Mountain, southern Nevada, *in* Mercer, James, ed., *The role of the unsaturated zone in radioactive and hazardous waste disposal*: Ann Arbor Science, Ann Arbor, Michigan, p. 289-335.
- Scott, R.K., and Wright, L.A., 1988, Thrust-fault related monolithologic breccias and cyclic playa-like deposits in the Miocene China Ranch basin, Death Valley region, California [Abstract]: *Geological Society of America, Abstracts With Programs*, v. 20, no. 3, p. 229.
- Scott, R.K., Wright, L.A., and Drake, R.E., 1988, Thrust fault-related monolithologic breccias and cyclic playa-lake deposits in the Miocene China Ranch Basin, Death Valley Region, California: *Geological Society of America Abstracts with Programs*, v. 20, p. 229.
- Screaton, L., 1984, Faulting in a section of Mosaic Canyon, Death Valley, California, 9 pp. ill.; graphs; maps. (incomplete reference)
- Scrivner, P.J., and Bottjer, D.J., 1986, Neogene avian and mammalian tracts from Death Valley National Monument, California—Their context, classification and preservation: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 57, p. 285-331.
- Scrivner, Paul Joseph, 1984, Stratigraphy, sedimentology and vertebrate ichnology of the Copper Canyon Formation (Neogene), Death Valley National Monument, Los Angeles, CA, University of Southern California. (incomplete reference)
- Scuderi, L.A., 1987, Late-Holocene Upper Timberline Variation in the Southern Sierra Nevada: *Nature*, v. 325, p. 242-244.
- Sears, D.H., 1953, Origin of Amargosa chaos, Virgin Spring area, Death Valley, California: *Journal of Geology*, v. 61, no. 2, p. 182-186.
- Sears, D.H., 1955, Geology of central Panamint Range (California): *Bulletin of the American Association of Petroleum Geologists*, v. 39, no. 1, p. 140.
- Secor, D.T., Jr., 1963, Geology of the central Spring Mountains, Nevada: Unpublished Ph.D. dissertation, Stanford University, Stanford, California, 152 p.
- Seiple, E., 1984, Fossils and formations of the lower Cambrian type Waucoban section, Inyo County, California: *California Geology*, v. 37, no. 7, p. 149-153.
- Seiple, E., 1986, Field trip—Stewart Valley fossils: *Rock & Gem*, v. 16, p. 8-11.
- Selner, G.I., and Taylor, R.B., 1992, System 8. GSMAP, GSMEDIT, GSMUTIL, GSPOST, GSDIG, and other programs version 8, for the IBM PC and compatible microcomputers, to assist workers in the earth sciences: U.S. Geological Survey Open-File Report 92-217, 217 p. Strategic Mapping, Inc., 1990, *Atlas Mapmaker User's Manual*: Strategic Mapping, Inc., San Jose, California, 225 p.
- Serpa, L., 1990, Structural styles across an extensional orogen, Results from the COCORP Mojave and Death Valley seismic transects, *in* Wernicke, B.P., ed., *Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada*: *Geological Society of America Memoir* 176, p. 335-344.
- Serpa, L., 1993, Three-dimensional model of the late Cenozoic history of the Death Valley region, southeastern California: *Geological Society of America Abstracts With Programs*, v. 25, p. A481.
- Serpa, L., and Pavlis, T.L., 1996, Three-dimensional model of the Cenozoic history of the Death Valley region, southeastern California: *Tectonics*, v. 15, no. 6, p. 1,113-1,128.
- Serpa, L., and Pavlis, T.L., 1996, Three-dimensional model of the late Cenozoic history of the Death Valley region, southeastern California: *Tectonics*, v. 15, p. 1113-1128. T
- Serpa, L., De Voogd, B., Wright, L., Willemin, J., Oliver, J., Hauser, E., and Troxel, B., 1988, Structure of the central Death Valley pull-apart basin and vicinity from COCORP profiles in the southern Great Basin: *Geological Society of America Bulletin*, v. 100, p. 1437-1450.
- Setoguchi, T., 1978, Paleontology and geology of the Badwater Creek area, central Wyoming— Part 16, The Cedar Ridge local fauna (late Oligocene): *Bulletin of Carnegie Museum of Natural History*. (incomplete reference)
- Shamberger, H.A., 1982, *The story of Goldfield, Esmeralda County, Nevada*: Sparks, Nev., Western Printing & Publishing Co., *Historic Mining Camps of Nevada* no. 10, 240 p.
- Shamberger, H.A., 1991, Evolution of Nevada's water laws, as related to the development and evaluation of the State's water resources, from 1866 to about 1960: *Nevada Water Resources Bulletin*, v. 46, 100 p.

- Sharp, R.P., 1975, *Geology field guide to southern California*: Kendall/Hunt Publishing Company, Dubuque, Iowa, 191 p.
- Sharp, R.P., and Carey, D.L., 1974, *Sliding stones, Racetrack Playa, California*, 27 p. maps; photos; ill.; tabs. (incomplete reference)
- Sharp, R.P., and Carey, D.L., 1976, *Sliding stones, Racetrack playa, California*: Geological Society of America Bulletin, v. 87, p. 1704-1717.
- Sharp, R.P., and Carey, D.L., 1996, *Sliding rocks at the racetrack, Death Valley: what makes them move?* [comment and reply]: *Geology*, p. 766-767. (incomplete reference)
- Sharp, R.P., and Carey, D.L., 1996, *Sliding stones, Racetrack playa, California*: *Geology*, v. 24, p. 766.
- Sharp, R.P., and Glazner, A.F., 1993, *Geology underfoot in southern California*: Missoula Montana, Mountain Press Publishing Company, 213 p.
- Sharp, R.P., and Glazner, A.F., 1997, *Geology Underfoot in Death Valley and Owens Valley*: Missoula Montana, Mountain Press Publishing Company, 321 p.
- Sharp, W.E., 1960, *The movement of playa scarps by wind*: *Journal of Geology*, v. 68, no. 5, p. 567-572.
- Sharpe, S.E., Forester, R.M., Whelan, J.F., and McConnaughey, T., 1994, *Molluscs as climate indicators: Preliminary stable isotope and community analysis*: *Proceedings of the Fifth International High-level Radioactive Waste Management Conference*, v. 4, p. 2538+. (incomplete reference)
- Shawe, D.R., 1965, *Strike-slip control of Basin-Range structure indicated by historical faults in western Nevada*: Geological Society of America Bulletin, v. 76, no. 12, p. 1361-1378.
- Shedenhelm, W.R.C., 1982, *Field trip; Lowest and highest*: *Rock and Gem*. v. 12, no. 8, p. 68-72.
- Sheehan, J.R., 1988, *Overview of the tectonics of Death Valley, California*, in Gregory, J.L., and Baldwin, E.J., eds., *Geology of the Death Valley region*: South Coast Geological Society, Annual Field Trip Guidebook No. 16, Santa Ana, California, p. 161-177, 429p.
- Shelton, J.S., 1953, *Can wind move rocks on Racetrack Playa?*: *Science*, v. 117, no. 3042, p. 438-439.
- Shelton, V.A., Ming, D.W. and Mumpton, F.A., 1993, *The economic reality of a natural zeolite business*: *Zeolite '93*, 4th International Conference on the Occurrence, Properties, and Utilization of Natural Zeolites, Program and abstracts volume, p. 187-189.
- Shepard, M.K., Arvidson, R.E., Caffee, M., et al., 1994, *Cosmogenic exposure age dating of Quaternary basalts, Lunar Crater volcanic field, Nevada*: Geological Society of America, 1994 annual meeting: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 87.
- Shepherd, L., 1968, *Distribution and genesis of authigenic silicate minerals on tuffs of Pleistocene Lake Tecopa, Inyo County, California*, United States Geological Survey, United States Geological Survey Professional Paper 597, Extent unknown . (incomplete reference)
- Shepherd, L., 1986, *Debris flow versus water flow deposition on an alluvial fan at the base of the Nopah Range; Chicago Valley, CA*, 16 pp. photos; ill.; maps; tabs.
- Sheppard, R.A., and Gude, A.J., 3rd, 1968, *Distribution and genesis of authigenic silicate minerals in tuffs of Pleistocene Lake Tecopa, County, California*: U. S. Geological Survey Professional Paper 597, 38 p.
- Sheppard, R.A., and Hayes, J.B., 1985, *Death Valley Junction-Ash Meadows zeolite deposit, California and Nevada*: *Clays and zeolites*, Los Angeles, California, to Las Vegas, Nevada, p. 51-56. (incomplete reference)
- Shields, G. Allander, K. Brigham, R., Crosbie, R., Trimble, L., Sleeman, M., Tucker, R., Zhan, H., and Louie, J.N., 1998, *Shallow geophysical survey across the Pahrump Valley fault zone, California—Nevada border*: *Bulletin of the Seismological Society of America*, v. 88, p. 270–275. (T,G)
- Short, N.M., 1985. *Assessment of computer-based geologic mapping of rock units in the Landsat-4 scene of northern Death Valley, California*. In *Landsat-4 Science Characterization Early Results, Vol. IV, Applications*, J.L. Barker, ed., NASA Conference Publication 2355, 163-215, National Aeronautics and Space Administration, Washington, DC. (I)
- Shugart, H., 1953, *Field trip report of the Titus Canyon cave trip of January 3, 1953: The California Caver*, v. 5, no. 2, p. 2-4.
- Siegel, D.I., 1972, *Quartzite genesis in the Upper Johnnie Formation, southern Death Valley, California*: Unpublished Ph.D. dissertation, Pennsylvania State University, University Park, Pennsylvania. (incomplete reference)

- Silver, L.T., McKinney, C.R., and Wright, L.A., 1961, Some Precambrian ages in the Panamint Range, Death Valley, California [Abstract], Geological Society of America, Geological Society of America Program, 1961 Annual Meeting, March 26 1961-March 31 1961, p. 65.
- Silver, L.T., McKinney, C.R., and Wright, L.A., 1962, Some Precambrian ages in the Panamint Range, Death Valley, California [abs.]: Geological Society of America Special Paper 68, 55 p.
- Simonds, Charles H., III, 1969, Structure and contact metamorphism of calcsilicate rocks, Inyo Mountains, California: Unpublished Masters thesis, University of Illinois, Urbana, Illinois. (incomplete reference)
- Simonds, F.W., 1989, Geology and hydrothermal alteration at the Calico Hills, Nye County, Nevada: Unpublished MS thesis, University of Colorado, Boulder, Colorado, 136 p.
- Simonds, F.W., and Scott, R.B., 1987, Detachment faulting and hydrothermal alteration in the Calico Hills, southwestern Nevada: EOS [Transactions of American Geophysical Union], v. 60, p. 1475.
- Simpson, R.W., Jachens, R.C., Blakely, R.J., and Saltus, R.W., 1986, A new isostatic residual gravity map of the conterminous United States with a discussion on the significance of isostatic residual anomalies: Journal of Geophysical Research, v. 91, p. 8348-8372. (T,G)
- Singer, F.R., Byers, F.M., Jr., Widmann, B.L., and Dickerson, R.P., 1994, Petrographic and geochemical characteristics of a section through the Tiva Canyon Tuff at Antler Ridge, Yucca Mountain, Nevada, *in* High level radioactive waste management: Proceedings of Fifth International Conference, American Nuclear Society, Las Vegas, Nevada, v. 4, p. 1869-1875.
- Sinton, P.O., 1987, Three-dimensional steady state, finite-difference model of the ground-water flow system in the Death Valley groundwater basin, Nevada-California: Unpublished Master of Engineering thesis, Department of Geology and Geological Engineering, Colorado School of Mines, Golden, CO, 145 p.
- Sinton, P.O., Kolm, K.E., and Downey, J.S., 1989, Conceptual model of the lineament/fracture zone controlled regional ground-water flow in the vicinity of Yucca Mountain, Nevada: EOS [Transactions of American Geophysical Union], v. 90, no. 43, p. 1088.
- Sinton, P.O., Kolm, K.E., Downey, J.S., et al., 1989, A conceptual model of lineament/fracture zone-controlled regional ground-water flow in the vicinity of Yucca Mountain, Nevada: Geological Society of America, 1989 annual meeting, Abstracts with Programs, v. 21, p. 95-96.
- Slate, J.L., 1991, Quaternary stratigraphy, geomorphology, and geochronology of alluvial fans, Fish Lake Valley, Nevada and California, *in* Reheis, M.C., Sarna-Wojcicki, A.M., Meyer, C.E, McKee, E.H., Slate, J.L., Burbank, D.M., Sawyer, T.L, and Pendell, E.G., contributing eds., Late Cenozoic stratigraphy and tectonics of Fish Lake Valley, Nevada and California—Road log and contributions to the Field Trip Guidebook, 1991 Pacific Cell of Friends of the Pleistocene: U.S. Geological Survey Open-File Report 91-290, p. 94-113.
- Slate, J.L., 1992, Quaternary stratigraphy, geomorphology, and geochronology of alluvial fans, Fish Lake Valley, Nevada-California: Unpublished Ph.D. dissertation, Boulder, University of Colorado, 141 p.
- Slemmons, D.B., 1967, Pliocene and Quaternary crustal movements of the Basin and Range Province, U.S.A.: Osaka City University Journal of Geoscience, v. 10, p. 91-103.
- Slemmons, D.B., 1977, State-of-the-art for assessing earthquake hazards in the United States: Report 6, faults and earthquake magnitude: U.S. Army Engineer Waterways Experiment Station Miscellaneous Paper S-73-1, 129 p., with 37 p. appendix.
- Slemmons, D.B., Jones, A.E. and Gimlett, J.I., 1965, Catalog of Nevada Earthquakes, 1852-1960: Bulletin of the Seismological Society of America, v. 55, p. 537-583.
- Smith G.I., 1984, Paleohydrologic regimes in the southwestern Great Basin, 0-3.2 m.y. ago, compared with other long records of "global" climate: Quaternary Research, v. 22, p. 1-17.
- Smith G.I., Benson, L., and Currey, D.R., 1989, Quaternary geology of the Great Basin: Field Trip Guidebook T117, 29th International Geological Congress. (incomplete reference)
- Smith, A.J., and Forester, R.M., 1994, Estimating past precipitation and temperature from fossil ostracodes: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, v. 4, p. 2545+. (incomplete reference)
- Smith, C.H., 1984, Application of mesoscopic geologic structures to the stages of deformation of the metamorphosed Noonday Dolomite, Mosaic Canyon, northern Death Valley, California, 36 p. maps; ill.; graphs. (incomplete reference)

- Smith, D.D., Grossman, R.F., Corkern, W.D., Thome, D.J., Patzer, R.G., and Hopper, J.L., 1981, Offsite environmental monitoring report/radiation monitoring around United States nuclear test areas, calendar year 1980: U.S. Environmental Protection Agency, Office of Research and Development, Environmental Monitoring Systems Laboratory, June, 1981, EPA-600/4-81-047, 101 p.
- Smith, D.S., 1984, Geology of a portion of the Resting Spring Range, Inyo County, California, 15 pp. maps; photos; ill.; graphs. (incomplete reference)
- Smith, E.D., and Mann, J.F., 1962, Death Valley Hotel Company, Ltd. water report: Unpublished report by Death Valley Hotel Company, April 23, 1962, 11 p.
- Smith, E.D., and Mann, J.F., Jr., 1962, Death Valley Hotel Company, Ltd. water report. (incomplete reference)
- Smith, G.I., and Street-Perrott, F.A., 1983, Pluvial Lakes in the Western United States, *in* H.E. Wright and S.C. Porter, eds. v. 1, Late Quaternary Environments of the United States: University of Minnesota Press, Minneapolis, p 190-214.
- Smith, G.I., 1962, Evidence for large lateral displacement on the Garlock fault as measured from offset dike swarm: Bulletin of the American Association of Petroleum Geologists, v. 46,
- Smith, G.I., 1962, Large lateral displacement on Garlock Fault, California, as measured from offset dike swarm: Bulletin of the American Association of Petroleum Geologists, v. 46, no. 1, p. 85-104.
- Smith, G.I., 1962, Subsurface stratigraphy of Late Quaternary deposits, Searles Lake, California: a summary United States Geological Survey Professional Paper 450-C, United States Geological Survey, Extent unknown .
- Smith, G.I., 1963, Possible large left-lateral displacement on the Garlock fault [Abstract]: Pacific Petroleum Geologist, v. 17, no. 2, p. 2.
- Smith, G.I., 1964, Character and distribution of nonclastic minerals in the Searles Lake evaporite deposit, California, United States Geological Survey, United States Geological Survey Bulletin 1181-P, 58 p.
- Smith, G.I., 1966, Geology of Searles Lake—Guide to prospecting for buried continental salines, *in* Rau, J.L., ed., Symposium on Salt: Northern Ohio Geological Society, Cleveland, Ohio, p. 167-180.
- Smith, G.I., 1968, Geologic reconnaissance of the Slate Range, San Bernardino and Inyo counties, California, California Division of Mines and Geology Special Report 96, 33 p.
- Smith, G.I., 1968, Late Quaternary geologic and climatic history of Searles Lake, southeastern California, *in* Morrison, R. B., and Wright, H. E., Jr., Editors, Means of correlation of Quaternary successions: Salt Lake City, UT, University of Utah Press, p. p. 293-310 [or p. 193-310].
- Smith, G.I., 1973, Subsurface stratigraphy and composition of saline bodies, Searles Lake, California: a preliminary report, United States Geological Survey, United States Geological Survey Open-file report, 122 p.
- Smith, G.I., 1976, Origin of lithium and other components in the Searles Lake evaporites, California, *in* Vine, James D., Editor, Lithium resources and requirements by the year 2000, Golden CO, January 22 1976-January 24 1976, United States Geological Survey Professional Paper 1005, p. p. 92-103.
- Smith, G.I., 1976, Paleoclimatic record in the Late Quaternary sediments of Searles Lake, California, U.S.A., *in* Horie, S., Editor, International symposium on global-scale paleolimnology and paleoclimate. (incomplete reference)
- Smith, G.I., 1979, Subsurface stratigraphy and geochemistry of late Quaternary evaporites, Searles Lake, California: U.S. Geological Survey Professional Paper 1043, 130 p.
- Smith, G.I., 1983, Core KM-3, a surface to bedrock record of Late Cenozoic sedimentation in Searles Valley, California, United States Geological Survey, United States Geological Survey Professional Paper 1256, 24 p.
- Smith, G.I., 1984, Paleohydrologic regimes in the southwestern Great Basin, 0-3.2 my ago, compared with other long records of "Global" climate: Quaternary Research, v. 22, p. 1-17.
- Smith, G.I., 1985, Borate deposits in the United States—Dissimilar in form, similar in geologic setting, *in* Barker, J.M., and Lefond, S.J., eds., Borates—Economic geology and production: American Institute of Mineralogists, Metals and Petroleum Engineers, New York, p. 37-51.
- Smith, G.I., 1991, Stratigraphy and Chronology of Quaternary-age Lacustrine Deposits, *in* Morrison, R.B., ed., Quaternary Nonglacial Geology: Conterminous U. S.: The Geology of North America, K-2, Geological Society of America , p 339-346.

- Smith, G.I., and Bischoff, J.L., 1993, Core OL-92 from Owens Lake, southeast California: U.S. Geological Survey Open-File Report 93-683, 397 p. (incomplete reference)
- Smith, G.I., and Church, J.P., 1980, Twentieth century crustal deformation in the Garlock Fault - Slate Range area, southeastern California: Geological Society of America Bulletin, v. 91, no. 9, p. Location unknown.
- Smith, G.I., and Ellis, R.C., 1953, Reconnaissance geologic map of parts of the Goldstone Lake, Quail Mountains, Leach Lake, Red Pass and Tiefert Mountains quadrangles, California: U.S. Geological Survey, unpublished mapping, scale 1:62,500.
- Smith, G.I., and Friedman, I., 1975, Chemical sedimentation and diagenesis of Pleistocene evaporites in Searles Lake, California, U.S.A., in Theme 2 - Les divers aspects géochimiques de la sédimentation continentale, Nice, France, p. 137-140.
- Smith, G.I., and Ketner, K.B., 1957, Core holes of China, Searles, and Panamint Lake basins, United States Geological Survey, United States Geological Survey Water Supply Paper 578, Extent unknown .
- Smith, G.I., and Ketner, K.B., 1970, Lateral displacement on the Garlock Fault, southeastern California, suggested by offset sections of similar metamorphic rocks: U.S. Geological Survey Professional Paper 700-D, p. 1-9.
- Smith, G.I., and others, 1970, Salt crystallization temperatures in Searles Lake, California: Mineralogical Society of America Special Paper, v. 3, p. 257-259.
- Smith, G.I., and Pratt, W.P., 1957, Core logs from Owens, China, Searles, and Panamint basins, California: U.S. Geological Survey Bulletin 1045-A, 62 p., 1 pl. Q
- Smith, G.I., and Reynolds, J., 1990, Runoff changes in the southwestern Basin-and-Range Province and the Mojave Desert—150,000 years ago to the present: (incomplete reference)
- Smith, G.I., Barczak, V.J., Moulton, G.F., and Liddicoat, J.C., 1983, Core KM-3, a surface-to-bedrock record of late Cenozoic sedimentation in Searles Valley, California: U.S. Geological Survey Professional Paper 1256, 24 p.
- Smith, G.I., Bischoff, J.L., Bradbury, J.P., et al., 1997, Synthesis of the paleoclimatic record from Owens Lake core OL-92—An 800,000-year paleoclimatic record from core OL-92, Owens Lake, Southeast California: Geological Society of America Special Paper 317, p. 143-160.
- Smith, G.I., Bischoff, J.L., Sarna-Wojcicki, A.M., et al., 1994, A 800,000 yr paleoclimatic record from Owens Lake, California, preliminary report: Geological Society of America, Cordilleran Section, 90th annual meeting, Abstracts with Programs, v. 26, p. 93-94.
- Smith, G.I., Troxel, B.W., Gray, C.H., and von Huene, R., 1968, Geologic reconnaissance of the Slate Range, San Bernardino and Inyo Counties, California: California Division of Mines and Geology Special Report 96, 32 p., scale 1:62,500.
- Smith, J.L., 1997, Delineation of areas with similar evapotranspiration rates using Landsat-based vegetation cover, Ash Meadows, Nevada [abs.]: Seventh Annual Nevada State GIS Conference, Reno, January 1997, Final Program, p. 43.
- Smith, M.O., Ustin, S.L., Adams, J.B., and Gillespie, A.R., 1990. Vegetation in deserts: I. A regional measure of abundance from multispectral images. Remote Sens. Environ. v. 31, p. 1-26. (I)
- Smith, N., and Digert, F., 1955, Tertiary stratigraphic sections in Death Valley National Monument, California. (incomplete reference)
- Smith, N., and Digert, F.E., 1955, Tertiary stratigraphy in Death Valley National Monument. (incomplete reference)
- Smith, P.R., Jr, and Walters, R.A., 1980, Production of Colemanite at American Borate Corporation's plant near Lathrop Wells, Nevada: Mining Engineering, February 1980, p. 199-204.
- Smith, R.B. and Lindh, A.G., 1978, Fault-plane Solutions of the Western United States: A Compilation: Geological Society of America, Memoir 152, p. 107-109.
- Smith, R.L., 1960, Ash flows: Geological Society of America Bulletin, v. 71, p. 795-842.
- Smith, R.M., 1972, Final field report, Del Norte Project, Death Valley, Inyo County, California. (incomplete reference)
- Smith, R.M., 1977, Map showing mineral exploration potential in the Death Valley Quadrangle, California and Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-873, 1 Sheet, scale 1:250,000.
- Smith, R.S.U., 197?, Guidebook to the Quaternary tectonics of Panamint Valley, California. (incomplete reference)
- Smith, R.S.U., 1972, Tentative correlation of pluvial events in Panamint Valley, California, with Sierra Nevada Pleistocene glaciations [Abstract]: Geological Society of America, Abstracts With Programs, v. 4, no. 7, p. 671-672.

- Smith, R.S.U., 1973, Tectonic deformation of pluvial-lake terraces along the Panamint Valley fault zone, eastern California [Abstract]: Geological Society of America, Abstracts With Programs, v. 5, no. 1, p. 108-109.
- Smith, R.S.U., 1974, Guidebook to the Quaternary tectonics of Panamint Valley, California, 10 pp. maps; photos; ill. (incomplete reference)
- Smith, R.S.U., 1974, Quaternary thrust movement on a boundary fault at the north end of Panamint Valley, western Basin-and-Range province, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 6, no. 3, p. 256-257.
- Smith, R.S.U., 1975, Guide to selected examples of Quaternary tectonism in Panamint Valley, California: California Geology, v. 28, no. 5, p. 112-115. N
- Smith, R.S.U., 1976, Late Quaternary pluvial and tectonic history of Panamint Valley, Inyo and San Bernardino Counties, California: Pasadena, California Institute of Technology, Ph.D. dissertation, 300 p., 122 figs. Q
- Smith, R.S.U., 1978, Pluvial history of Panamint Valley: a guidebook for "The Friends of the Pleistocene, Pacific Cell": Houston TX, Geology Department, University of Houston, 36 p.
- Smith, R.S.U., 1979, Holocene offset and seismicity along the Panamint Valley fault zone, western Basin and Range province, California: Tectonophysics, v. 52, p. 411-415. N
- Smith, R.S.U., Whitten, C.A., Green, R., et al., 1979, Holocene offset and seismicity along the Panamint Valley fault zone, western Basin-and-Range Province, California: Recent crustal movements, 1977: 6th International Symposium on Recent crustal movements, v. 52, p. 411-415.
- Smith, S., 1954, Preliminary summary of borate reserves in the Death Valley area, United States Geologic Survey, United States Geological Survey Administrative Report, 20+ pages.
- Smith, S., 1973, Physiographic aspects of Saline Valley. (incomplete reference)
- Smith, W.C., 1954, Preliminary summary of borate reserves in the Death Valley area: U.S. Geology Survey Administrative Report, 15 p.
- Smith, W.C., 1959, Alluvium & mineral deposits, Death Valley region, California: 1 sheet. (incomplete reference)
- Smith, W.C., 1960, Borax and borates, *in* Gillson, Joseph I., et al., Industrial Minerals and Rocks: The American Institute of Mining, Metallurgical and Petroleum Engineering, p. 103-118.
- Smoot, J.P., and Castens-Seidell, B., 1994, Sedimentary features produced by efflorescent salt crusts, Saline Valley and Death Valley, California, *in* Renaut, R.W., and Last, W.M., eds., Sedimentology and geochemistry of modern and ancient saline lakes: SEPM Special Publication 50, p. 73-90.
- Smoot, J.P., and Lowenstein, T.K., 1991, Depositional environments of non-marine evaporites, *in* Melvin, J.L., ed., Evaporites, petroleum and mineral resources: Developments in Sedimentology, v.50, p. 189-347.
- Snow, J.K. and White, C., 1990, Listric normal faulting and synorogenic sedimentation, northern Cottonwood Mountains, Death Valley region, California, *in* Wernicke, B. P., ed., Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada: Boulder, Colorado, Geological Society of America Memoir 176, p. 413-445. T
- Snow, J.K., ? Neogene dextral translation of the Cottonwood Mountains area, California, *in* Wernicke, Brian P., Snow, J. Kent, Axen, Gary J., and others, Leaders, Extensional tectonics in the Basin and Range Province between the southern Sierra Nevada and the Colorado Plateau: Washington D.C, American Geophysical Union, p. p. 56-66, 80 p. (incomplete reference)
- Snow, J.K., 1989, Discordant trends of Mesozoic structures and Silurian stratigraphy in the Death Valley-Las Vegas area: Geological Society of America, Cordilleran Section, 85th annual meeting and Rocky Mountain Section, 42nd annual meeting, Abstracts with Programs, v. 21, p. 146-147.
- Snow, J.K., 1990, Cordilleran orogenesis, extensional tectonics and geology of the Cottonwood Mountain area, Death Valley region, California and Nevada: Unpublished Ph.D. dissertation, Harvard University, Boston, Mass, 210 p, scale 1:24,000. (M,S,C)
- Snow, J.K., 1992, Discussion of "Paleogeographic and structural significance of an Upper Mississippian facies boundary, southern Nevada east-central California" by C.H. Stevens and others: Geological Society of America Bulletin, v. 104, p. 1067-1071. (S,T)
- Snow, J.K., 1992, Large-magnitude Permian shortening and continental-margin tectonics in the southern Cordillera: Geological Society of America, v. 104, p. 80-105. (S,T)
- Snow, J.K., 1994, Mass balance of Basin and Range extension as a tool for geothermal exploration: Geothermal Resources Council Transactions, v. 18, p. 23-30.

- Snow, J.K., and Lux, D.R., in press, 1999, Tectono-sequence stratigraphy of Tertiary rocks in the Cottonwood Mountains and northern Inyo Valley area, *in* Wright, L. A., and Troxel, B. W., eds., *Cenozoic basins of the Death Valley region: Geological Society of America Special Paper 333*. (S,T)
- Snow, J.K., and Lux, D.R., 1990, A Permian age for the Last Chance thrust, CA and NV? [Abstract (?)] : Geological Society of America, *Abstracts With Programs*, v. 22, no. 3, p. (in press). (incomplete reference)
- Snow, J.K., and Prave, A.R., 1994, Covariance of structural and stratigraphic trends, Evidence for anticlockwise rotation within the Walker Lane belt, Death Valley region, California and Nevada: *Tectonics*, v. 13, p. 712-724. (S,T)
- Snow, J.K., and Wernicke, B.P., 1988, Mesozoic backfold in the Death Valley extended terrane: new constraints on offset of the northern Death Valley-Furnace Creek fault zone, California and Nevada: *Geological Society of America Abstracts With Programs*, v. 20, no. 7, p. A272. (T)
- Snow, J.K., and Wernicke, B.P., 1989, Mesozoic backfold in the Death Valley extended terrain: new constraints on offset of the northern Death Valley-Furnace Creek fault Zone, California and Nevada: *Geological Society of America Bulletin*, v. 101, p. 1351-1362.
- Snow, J.K., and Wernicke, B.P., 1989, Uniqueness of geological correlations—An example from the Death Valley extended terrain: *Geological Society of America Bulletin*, v. 101, p. 1351-1362. (T)
- Snow, J.K., and Wernicke, B.P., 1993, Reply to discussion by P. Stone, and C.H. Stevens (1992) on Large-magnitude Permian shortening and continental-margin tectonics in the southern Cordillera: *Geological Society of America Bulletin* v. 105, no. 2, p. 279-283.
- Snow, J.K., and Wernicke, B.P., 1999, Cenozoic tectonism in the central Basin and Range: Magnitude, rate and distribution of upper crustal strain: *American Journal of Science*, v. 298 (in press). (T)
- Snow, J.K., and White, C., 1988, Listric normal faulting and syn-tectonic sedimentation, northern Cottonwood Mountains, Death Valley, California: *Geological Society of America Abstracts With Programs*, v. 20, p. 233-234.
- Snow, J.K., and White, C., 1990, Listric normal faulting and synorogenic sedimentation, northern Cottonwood Mountains, Death Valley region, California, *in* Wernicke, B.P., ed., *Basin and Range extensional tectonics near the latitude of Las Vegas, Nevada*, Geological Society of America, *Geological Society of America Memoir 176*, 511 pages. ST
- Snow, J.K., and White, C., No date (in press, 1989), Listric normal faulting and synorogenic sedimentation, northern Cottonwood Mountains, Death Valley region, California: *Geological Society of America Memoir*. (incomplete reference)
- Snow, J.K., Asmerom, Y., and Lux, D.R., 1991, Permian-Triassic plutonism and tectonics, Death Valley region, California and Nevada: v. 19, p. 629-632. T
- Snow, J.K., Geissman, J.W., and Wernicke, B.P., 1993, Paleomagnetic data from Paleozoic sedimentary rocks and Permo-Triassic intrusions in the Death Valley area southeast CA—Implications for Mesozoic and Cenozoic deformation,: *EOS (Transactions of the American Geophysical Union)*, v. 74, p. 206. (G)
- Snow, J.K., Wernicke, B.P., Burchfiel, B.C., et al., 1989, Day 8, Neogene extension between the Grapevine Mountains and Spring Mountains, California and Nevada *in* Wernicke, Brian P., Snow, J. Kent, Axen, Gary J., and others, *Basins, Sedimentation and tectonics in western North America*, v. 3, *Extensional tectonics in the Basin and Range Province between the southern Sierra Nevada and the Colorado plateau: Field trips for the 28th International Geological Congress*, p. 67-75. (incomplete reference)
- Snow, Jerome Kent, 1990, *Cordilleran orogenesis, extensional tectonics, and geology of the Cottonwood Mountains area, Death Valley region, California and Nevada*, Cambridge MA, Harvard University.
- Snyder, D.B., and Carr, W.J., 1984, Interpretation of gravity data in a complex volcano-tectonic setting, southwestern Nevada: *Journal of Geophysical Research*, no. B12, v. 89, p. 10,193-10,206.
- Snyder, R.P., 1971, Composite potshot fracture map of Pahute Mesa, Nevada Test Site: U.S. Geological Survey Report 474-100, 13 p.
- Solley, W.B., Pierce, R.R., and Perlman, H.A., 1998, Estimated use of water in the United States in 1995: U.S. Geological Survey Circular 1200, 71 p.
- Soltz, D.L., and Naiman, R.J., 1978, The natural history of native fishes in the Death Valley system: Los Angeles, CA, Natural History Museum of Los Angeles County and the Death Valley Natural History Association, Science Series 30, 76 p.
- Soltz, David Lee, 1974, Variation in life history and social organization of some populations of Nevada pupfish, *Cyprinodon nevadensis*, Los Angeles, CA, University of California, Los Angeles.

- Sonder, L.J., England, P.C., Wernicke, B.P., and Christiansen, R.L., 1987, A physical model for Cenozoic extension of western North America: Geological Society Special Publication, v. 28, p. 187-201. (T)
- Sonesson, H., 1984, Nature's own conjuring show! or how and why the wandering stones of Racetrack Playa are moving. (incomplete reference)
- Souza, P.A., 1990, Fluid-rock interaction during Mesozoic metamorphism of the Proterozoic Noonday Dolomite and Johnnie Formation, Panamint Mountains, California: Unpublished Master's Thesis, University of Tennessee, Knoxville. (incomplete reference)
- Souza, P.A., and Labotka, T.C., 1990, Fault-controlled fluid infiltration through the Noonday Dolomite, Panamint Mountains, California: Geological Society of America, 1990 annual meeting, Abstracts with Programs, v. 22, p. 211.
- Sowers, J.M., 1986, Geomorphic map of the Kyle Canyon alluvial fan, Clark County, Nevada: U.S. Geological Survey Open-File Report 86-210, 9p, 2 pls, scales 1:62,500 and 1:24,000.
- Spalding, W., 1995, Ghost town gold: *Rock & Gem*, v. 25, p. 26-28.
- Spalding, W., 1998, Modern prospectors—They're still out there, lured on by the call of gold: *Rock & Gem*, v. 28, p. 24-27.
- Spall, H., and Troxel, B.W., 1974, Structural and paleomagnetic studies of late Precambrian diabbases from Death Valley, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 6, no. 7, p. 963.
- Spaulding, W.G., 1983, Late Wisconsin macrofossil records of desert vegetation in the American Southwest: *Quaternary Research*, v. 19, p. 256-264.
- Spaulding, W.G., 1985, Ice-age desert in the southern Great Basin: *Current Research in the Pleistocene*, v. 2, p. 83-85.
- Spaulding, W.G., 1985, Vegetation and climates of the last 45,000 years in the vicinity of the Nevada Test Site, south-central Nevada: U.S. Geological Survey Professional Paper 1329, 83 p.
- Spaulding, W.G., 1990, Packrat midden evidence of environmental conditions at 10,680 plus or minus 160 years B.P.—Southern Great Basin and northern Sonoran Desert: Geological Society of America, Cordilleran Section, Abstracts with Programs, p. A-85. (incomplete reference)
- Spaulding, W.G., 1990, Vegetation dynamics during the last deglaciation, southeastern Great Basin, U.S.A.: *Quaternary Research*, v. 33, p. 188-203.
- Spaulding, W.G., 1990, Vegetational and climatic development of the last glacial maximum to the present, *in* Betancort, J.L., VanDevander, T.R., and Martin, P.S., eds., Packrat middens—The last 40,000 years of biotic change: University of Arizona Press, Tucson, AZ, p. 166-199.
- Spaulding, W.G., Leopold, E.B., and Van Devender, T.R., 1983, Late Wisconsin paleoecology of the American Southwest, *in* Porter, S.C., ed., *The late Pleistocene (Late-Quaternary Environments of the United States, I)*: University of Minnesota Press, Minneapolis, p. 259-293.
- Spear, Steven Gregory, 1986, Distribution and relative age of selected landforms in Death Valley National Monument, California and Nevada., University of California, Riverside; Ph.D.
- Speed, R.C. and Cogbill, A.H., 1979, Candelaria and Other Left-Oblique Slip Faults of the Candelaria Region, Nevada: Geological Society of America Bulletin, Part I, v. 90, p. 149-163.
- Spencer, J.E., 1981, Geology and geochemistry of the Avawatz Mountains, San Bernardino County, California: Cambridge, Massachusetts Institute of Technology Ph. D. dissertation, 183 p., scale of accompanying geologic map, 1:62,500.
- Spencer, J.E., 1981, Geology and geochronology of the Avawatz Mountains, San Bernardino County, California, Cambridge MA, Massachusetts Institute of Technology. (incomplete reference)
- Spencer, J.E., 1981, Lower Paleozoic stratigraphy of the Avawatz Mountains, northeastern Mojave Desert region, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 13, no. 2, p. 107.
- Spencer, J.E., 1982, Paleozoic stratigraphy of the Avawatz Mountains, Northeast Mojave region, and implications for evolution of the Cordilleran Orogen: Geological Society of America, Cordilleran Section, 78th annual meeting, Abstracts with Programs, v. 14, p. 236.
- Spencer, J.E., 1990, Late Cenozoic extensional and compressional tectonism in the southern and western Avawatz Mountains, southeast California, *in* Wernicke, B.P., ed., Basin and Range extensional tectonics near the latitude of Las Vegas: Geological Society of America Memoir 176, p. 317-333.

- Spencer, R., Yang, W., Krouse, H.R., and Roberts, S., 1996, Hydrology of Death Valley between 180 and 100 ka: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 457.
- Spencer, R.J., Yang, W., Drouse, H.R. and Lowenstein, T.K., 1993, Comparison of Data Obtained from Fluid Inclusions in Halite with Measurements During Halite Formation: Geological Society of America, Abstracts with Programs, Annual Meeting, Boston, MA. (incomplete reference)
- Spengler, R.W., and Fox, K.F., Jr., 1989, Stratigraphic and structural framework of Yucca Mountain, Nevada: Radioactive Waste Management and the Nuclear Fuel Cycle, v. 13, no. 1-4, p. 21-36.
- Spengler, R.W., and Rosenbaum, J.G., 1980, Preliminary interpretations of results obtained from boreholes UE 25a-4,-5,-6, and -7, Yucca Mountain, Nevada Test Site: U.S. Geological Survey Open-File Report 80-929, 33 p.
- Spengler, R.W., Braun, C.A., Martin, L.G., and Weisenberg, C.W., 1994, The Sundance fault - a newly recognized shear zone at Yucca Mountain, Nevada: U.S. Geological Survey Open-File Report 94-49, 11 p.
- Spengler, R.W., Byers, Jr., F.M., and Warner, J.B., 1981, Stratigraphy and structure of volcanic rocks in drill hole USW-G1, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 81-1349, 50 p.
- Spengler, R.W., Chornack, M.P., Muller, D.C., and Kibler, J.E., 1984, Stratigraphic and structural characteristics of volcanic rocks in bore hole USW G-4, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-789, 77 p.
- Springer, M.E., 1958, Desert Pavement and Vesicular Layer of Some Soils of the Desert of the Lahontan Basin, Nevada: Soil Science Society of America, Proceedings. v. 22, p. 63-66.
- Spurr, J.E., 1903, Descriptive geology of Nevada south of the fortieth parallel and adjacent portions of California: US Geological Survey Bulletin 208, p. 187-205.
- Squires, R.L., 1983, New mollusks from the lower middle Eocene Lajas Formation, Southern California: Journal of Paleontology, v. 57, p. 354-362.
- Squires, R.R., and Young, R.L., 1984, Flood potential of Fortymile Wash and its principal southwestern tributaries, Nevada Test Site, southern Nevada: U.S. Geological Survey Water-Resources Investigations Report 83-4001, 33 p.
- Stadelman, S.A., Allen, B.L. and Dorn, R.T., 1991, Quaternary pedogenesis of Hanaupah Canyon alluvial fan, Death Valley, California, USA: (incomplete reference)
- Stadelman, Steven A., 1989, Pedogenesis and geomorphology of Hanaupah Canyon alluvial fan, Death Valley, CA: Unpublished masters thesis, Texas Tech University, Lubbock, Texas, 104 p.
- Stadler, Carl A., 1968, The geology of the Goldbelt Spring area, northern Panamint Range, Inyo County, California: Unpublished Masters thesis, University of Oregon, Eugene, Oregon, 78 p.
- Stamatakos, J.A., and Ferrill, D.A., 1996, Kinematic constraints of central Basin and Range tectonism from paleomagnetic and fission track studies at Bare Mountain, Nevada: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 125.
- Stamm, J.F., 1981, Geology of the intersection of the Death Valley and Garlock fault zones, southern Death Valley, California: University Park, Pennsylvania, Pennsylvania State University M. S. thesis, 123 p., scale of accompanying map 1:5,280..
- Stanley, G.M., 1955, Origin of playa stonetracks, Racetrack Playa, Inyo County, California: Geological Society of America Bulletin, v. 66, p. 1329-1350.
- Stannard, D.I., 1997, Relations between temperature and evapotranspiration: How complex are they? [abs.]: Eos, American Geophysical Union Transactions, v. 78, no. 46, p. 304.
- Stark, N., 1964, Ground water occurrence and quality, Lahontan Region: Sacramento CA, State of California, The Resources Agency, Department of Water Resources, 438 p. + appendices .
- Stark, N., 1970, Water balance of some warm desert plants in a wet year: Journal of Hydrology [Amsterdam], v. 10, p. 113-126.
- STARK, N., 1972, DISTILLATION-CONDENSATION OF WATER AND NUTRIENT MOVEMENT IN A DESERT ECOSYSTEM. DESERT BIOME U.S. INTERNATIONAL BIOLOGICAL PROGRAM, RESEARCH MEMORANDUM, RM 73-44.
- Stark, N., 1974, Abstract report on water quality control plan for the south Lahontan basin 6B [preliminary]: South Lake Tahoe, CA, State of California, The Resources Agency, Department of Water Resources, 67 p.

- Starratt, S.W., 1987, Biochronology and paleoecology of fine-grained sediments belonging to "Esmeralda" Formation in Stewart Valley, Nevada: American Association of Petroleum Geologists annual convention, v. 71, p. 618.
- Starratt, S.W., 1987, Micropaleontology, paleolimnology, and biochronology of middle Miocene lacustrine and nearshore facies belong to the "Esmeralda" Formation in Stewart Valley, west-central Nevada: Geological Society of America, Rocky Mountain Section, 40th annual meeting, Abstracts with Programs, v. 19, p. 336.
- Starratt, S.W., 1994, Freshwater diatom response to global climatic change and local tectonic influence—Evidence from Neogene lacustrine deposits in west-central Nevada: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 521.
- State of Nevada, 1975, Guidebook—Las Vegas to Death Valley and return: University of Nevada at Reno, Mackay School of Mines, Report 26, 39 p.
- Stearns, R.E.C., 1893, Report on the land and fresh-water shells collected in California and Nevada by the Death Valley Expedition, including a few additional species obtained by Dr. C. Hart Merriam and assistants in parts of the southwestern United States—Report on mollusks, *in* , The Death Valley Expedition, a biological survey of parts of California, Nevada, Arizona, and Utah, U. S. Department of Agriculture, Division of Ornithol. and Mammal., p. Part 2, p. 269-283, Extent unknown.
- Steiger, R.H., and Jäger, Emilie., 1977, Subcommittee on geochronology: Convention and use of decay constants in geo- and cosmochronology: Earth and Planetary Science Letters, v. 36, p. 359-362.
- Steinemann, A.C., 1989, Evaluation of nonpotable ground water in the desert area of southeastern California for powerplant cooling: U.S. Geological Survey Water-Supply Paper. (incomplete reference)
- Steinkampf, W.C, and Werrell, W.L., Chemistry of selected springs in Death Valley National Park: U.S. Geological Survey Report. (incomplete reference)
- Stern, T.W., Newell, M.F., and Hunt, C.B., 1966, Uranium-lead and potassium-argon ages of parts of the Amaargosa thrust complex, Death Valley, California: U.S. Geological Survey Professional Paper 550-B, p. 142-147.
- Sternlof, K.R., 1988, Structural style and kinematic history of the active Panamint–Saline extensional system, Inyo County, California: Unpublished M.S. thesis, Cambridge, Massachusetts Institute of Technology. (incomplete reference) T
- Stetzenbach, K., 1994, Analytical laboratory and mobile sampling platform, Progress report, October 1, 1994-December 31, 1994: DOE/NV (U.S. Department of Energy. Nevada Field Office), 8 p.
- Stetzenbach, K., 1994, Fingerprinting of ground water by ICP-MS, progress report, April 1-June 30, 1994: DOE/NV (U.S. Department of Energy. Nevada Field Office), 18 p.
- Stetzenbach, K., Hodge, V., and Smiecinski, A., 1995, Chemical analysis of water from Death Valley Springs: University of Nevada at Las Vegas, Harry Reid Center for Environmental Studies, 85 p. (incomplete reference)
- Stetzenbach, K.J., Amano, M., Kreamer, D.K., and Hodge, V.F., 1994, Testing the limits of ICP-MS determination of trace elements in ground water at the part-per-trillion level: Ground Water, v. 32, no. 6, p. 976-985.
- Stetzenbach, L.D., 1994, Identification of subsurface microorganisms at Yucca Mountain, quarterly report, July 1, 1994-September 30, 1994: DOE/NV (U.S. Department of Energy. Nevada Field Office), 9 p.
- Stevens, C.H., 1986, Evolution of the Ordovician through middle Pennsylvanian carbonate shelf in east-central California: Geological Society of America, v. 97, p. 11-25.
- Stevens, C.H., and Olson, R.C., 1972, Nature and significance of the Inyo thrust fault, eastern California: Geological Society of America Bulletin, v. 83, p. 3761-3768.
- Stevens, C.H., and Ridley, A.P., 1974, Middle Paleozoic off-shelf deposits in southeastern California: evidence for proximity of the Antler orogenic belt?: Geological Society of America Bulletin, v. 85, p. 27-32.
- Stevens, C.H., and Stone, P., 1985, Early Permian thrust faulting in eastern California: Geological Society of America, Abstracts With Programs, v. 17, p. 410.
- Stevens, C.H., and Stone, P., 1988, Early Permian thrust faults in east-central California: Geological Society of America, v. 100, p. 552-562.
- Stevens, C.H., Dunne, G.C., and Randall, R.G., 1979, Carboniferous stratigraphy of part of eastern California United States Geological Survey Professional Paper 1110-CC, United States Geological Survey, Extent unknown . (incomplete reference)

- Stevens, C.H., Stone, P., and Belasky, P., 1991, Paleogeographic and structural significance of an upper Mississippian facies boundary in southern Nevada and east-central California: *Geological Society of America Bulletin*, v. 103, p. 876-885.
- Stevens, C.H., Stone, P., and Belasky, P., 1992, Paleogeographic and structural significance of an upper Mississippian facies boundary in southern Nevada and east-central California—Reply: *Geological Society of America Bulletin*, v. 104, p. 1067-1069.
- Stevens, C.H., Stone, P., Belasky, P., 1991, Significance of an Upper Mississippian facies boundary in southern Nevada and east-central California: *Geological Society of America Bulletin*, v. 103, p. 876-885. T
- Stevens, C.H., Wrucke, C.T., and McKee, E.H., 1974, Direction and amount of movement on the Butte Valley thrust, southeastern California: *Geological Society of America Cordilleran Section, 70th Annual Meeting, Abstracts with Programs*, v. 6, p. 261.
- Stevens, R.L., 1990, Markov-chain analysis as a pedagogic tool: *Journal of Geological Education*, v. 38, p. 288-293.
- Stewart, B.W., and anonymous, 1996, Dissolved cation sources in a Plio-Pleistocene salt pan, Death Valley, California: EOS [Transactions of American Geophysical Union], fall meeting, v. 77, p. 304.
- Stewart, B.W., Hsieh, J.C.C., Murray, B.C., et al., 1993, Strontium isotope record of cation sources in Plio-Pleistocene lacustrine evaporite deposits, Death Valley, California: *Geological Society of America Abstracts with Programs*, v. 25, no. 7, p. 455-456.
- Stewart, J.H., 1964, Mineral and water resources of Nevada—Precambrian and lower Cambrian rocks: *Nevada Bureau of Mines Bulletin* 65, 21 p.
- Stewart, J.H., 1965, Precambrian and Lower Cambrian formations in the Last Chance Range area, Inyo County, California: *United States Geological Survey Bulletin*, v. 1224-A, p. 60-70.
- Stewart, J.H., 1965, Precambrian and lower Cambrian strata in the Last Chance Range area, Inyo County, California, *in* Cohee, G.V., and West, W.S., eds., Changes in stratigraphic nomenclature by the U.S. Geological Survey: *U.S. Geological Survey Bulletin* 1224-A, 77 p.
- Stewart, J.H., 1966, Correlation of Lower Cambrian and some Precambrian strata in the southern Great Basin, California and Nevada, *in* *Geological Survey Research 1966: U.S. Geological Survey Professional Paper 550-C*, p. C66-C72.
- Stewart, J.H., 1967, Possible large right-lateral displacement along fault and shear zones in Death Valley - Las Vegas area, California and Nevada: *Geological Society of America Bulletin*, v. 78, no. 2, p. 131-142.
- Stewart, J.H., 1970, Correlation of Lower Cambrian and some Precambrian strata in the southern Great Basin, California and Nevada, *in* Gasch, Jerrie W., and Matthews, Robert A., Editors, *Geologic guide to the Death Valley area, California*, Geological Society of Sacramento, Annual Field Trip Guidebook 1970, p. 1-7, 73 p. + Appendix III (12 p.).
- Stewart, J.H., 1970, Upper Precambrian and Lower Cambrian strata in the southern Great Basin, California and Nevada: *U.S. Geological Survey Professional Paper* 620, 206 p.
- Stewart, J.H., 1971, Basin and range structure—A system of horsts produced by steep-sided extension: *Geological Society of America Bulletin*, v. 82, p. 1019-1044.
- Stewart, J.H., 1972, Initial deposits in the Cordilleran geosyncline—Evidence of a late Precambrian (< 850 m.y.) continental separation: *Geological Society of America Bulletin*, v. 83, p. 1345-1360.
- Stewart, J.H., 1974, Correlation of uppermost Precambrian and Lower Cambrian strata from southern to east-central Nevada: *Journal of Research, United States Geological Survey*, v. 2, no. 5, p. 609-618.
- Stewart, J.H., 1978, Basin and range structure in North America: a review, *in* Smith, R.B., and Eaton, G.P., eds., *Cenozoic tectonics and regional geophysics in the western Cordillera*: *Geological Society of America Memoir* 152, p. 1-31.
- Stewart, J.H., 1980, *Geology of Nevada—A discussion to accompany the geologic map of Nevada*: *Nevada Bureau of Mines and Geology Special Publication* 4, 136 p.
- Stewart, J.H., 1980, Regional Tilt Patterns of Late Cenozoic Basin-Range Fault Blocks, Western United States: *Geological Society of America Bulletin*, Part I, v. 91, p. 460-464.
- Stewart, J.H., 1982, Extensional tectonics in the Death Valley area, California—Transport of the Panamint Range structural block 80 km northwestward: *Geological Society of America, Cordilleran Section, 78th annual meeting, Abstracts with Programs*, v. 14, p. 237.
- Stewart, J.H., 1982, Regional relations of Proterozoic Z and lower Cambrian rocks in the western United States and northern Mexico, *in* Cooper, J. D., Troxel, B.W., and Wright, L.A. (incomplete reference)

- Stewart, J.H., 1983, Extensional tectonics in the Death Valley area, California—Transport of the Panamint Range structural block 80 km northwestward: *Geology*, v. 11, no. 3, p. 153-157. T
- Stewart, J.H., 1983a, East-Trending Dextral Faults in the Western Great Basin: An Explanation for Anomalous Trends of Precenozoic Strata and Cenozoic Faults: *Tectonics*, v. 4, no. 6, p. 547-564.
- Stewart, J.H., 1986, Comment on "Isopach pattern of the Lower Cambrian Zabriskie Quartzite, Death Valley region, California-Nevada: how useful in tectonic reconstructions?": *Geology*, v. 14, p. 810-811.
- Stewart, J.H., 1988, Tectonics of the Walker Lane Belt, western Great Basin—Mesozoic and Cenozoic deformation in a zone of shear, *in* Ernst, W.G., ed., *Metamorphism and crustal evolution of the western United States*, Rubey volume: Englewood Cliffs, New Jersey, Prentice Hall, p. 683-713.
- Stewart, J.H., Albers, J.P., and Poole, F.G., 1968, Summary of regional evidence for right-lateral displacement in the western Great Basin: *Geological Society of America Bulletin*, v. 79, no. 10, p. 1407-1413. T
- Stewart, J.H., Albers, J.P., and Poole, F.G., 1970, Reply to "Summary of Regional Evidence for Right-lateral Displacement in the Western Great Basin:", *Geological Society of America Bulletin*, v. 81, p. 2175-2180
- Stewart, J.H., and Carlson, J.E., 1978, Geologic map of Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-930, 2 Sheets, map scale 1:500,000.
- Stewart, J.H., and Craig, S.D., 1992, Paleogeography and tectonic setting of Miocene continental strata in the northern part of the Walker Lane Belt: *Geological Society of Nevada, proceedings volume, Walker Lane symposium—Structure, tectonics & mineralization of the Walker Lane*, p. 53-61. (incomplete reference)
- Stewart, J.H., Robinson, P.T., Albers, J.P., and Crowder, D.F., 1974, Geologic map of the Piper Peak quadrangle, Nevada-California: U.S. Geological Survey Geologic Quadrangle Map GQ-1186, scale 1:62,500. M
- Stewart, J.H., Ross, D.C., Nelson, C.A., and Burchfiel, B.C., 1966, Last Chance thrust - a major fault in the eastern part of Inyo County, California, *in* US Geological Survey Research, 1966: US Geological Survey Professional Paper 550-D, p. D23-34.
- Stinton, P.O., 1987, Three-dimensional, steady-state, finite-difference model of the ground-water flow system in the Death Valley Ground-water basin, Nevada-California, Golden, CO, Colorado School of Mines, Department of Geology and Geological Engineering.
- Stitt, J.H., and Clark, R.L., 1984, A complete specimen of *Peachella brevispina* Palmer—An unusual olenellid trilobite (Arthropoda: Olenellida) from the Lower Cambrian of California: *Transactions of the San Diego Society of Natural History*, 20, 145-150.
- Stock, C., 1936, Titanotheres from the Titus Canyon Formation, California: *Proceedings of the National Academy of Sciences*, v. 22, no. 11, p. 656-661.
- Stock, C., 1936, When Titans roamed prehistoric Death Valley: *Westways*, v. 28, p. 28-29.
- Stock, C., 1949, Mammalian fauna from the Titus Canyon Formation, California: *Carnegie Institution of Washington Publication* 584. (incomplete reference)
- Stock, C., and Bode, F.D., 1935, Occurrence of lower Oligocene mammal-bearing beds near Death Valley, California: *National Academy of Sciences Proceedings*, v. 21, no. 10, p. 571-579.
- Stock, J.M., and Healy, J.H., 1988, Stress field at Yucca Mountain, Nevada, *in* Carr, M.D., and Yount, J.C., eds., *Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada*: U.S. Geological Survey Bulletin 1790, p. 87-94.
- Stoertz, G. E., 1955, Oxidized lead-zinc ores of the Shoshone mines, Tecopa, California: Unpublished Masters thesis, Columbia University, New York. (incomplete reference)
- Stohlgren, R.J., and Quinn, J.F., 1991, Status of natural resources databases in National Parks: western region PU Cooperative National Park Resources Studies Unit, University of California at Davis, 108 p. tabs.; graphs.
- Stone, J.O., Hammerschmidt, K., Friedrichsen, H., et al., 1993, Cosmogenic He-3 ages of basalts at Big Pine, California—Constraints on uplift across the Owens Valley fault zone: *EOS [Transactions of American Geophysical Union]*, 1993 fall meeting, v. 74, p. 609.
- Stone, P., 1984, Stratigraphy, depositional history, and paleogeographic significance of Pennsylvanian and Permian rocks in the Owens Valley - Death Valley region, California, California, Stanford University.

- Stone, P., and Stevens, C., 1988, An angular unconformity in the Permian section of east-central California: *Geological Society of America Bulletin*, v. 100, p. 547-551.
- Stone, P., and Stevens, C.H., 1984, Stratigraphy and deposition history of Pennsylvanian and Permian rocks in the Owens Valley-Death Valley region, eastern California, *in* Lintz, J.P., ed., *Western Geological Excursions*, v. 4: MacKay School of Mines, Reno, Nevada, p. 94-119.
- Stone, P., and Stevens, C.H., 1987, Pennsylvanian and Permian stratigraphy of the northern Argus Range and Darwin Canyon area, California, *United States Geological Survey, United States Geological Survey Bulletin* 1691, 30 p.
- Stone, P., and Stevens, C.H., 1987, Stratigraphy of the Owens Valley Group (Permian), southern Inyo Mountains, California, *United States Geological Survey, United States Geological Survey Bulletin* 1692, 19 p.
- Stone, P., and Stevens, C.H., 1988, An angular unconformity in the Permian section of east-central California: *Geological Society of America Bulletin*, v. 100, p. 547-551.
- Stone, P., and Stevens, C.H., 1988, Pennsylvanian and early Permian paleogeography of east-central California, implication for the shape of the continental margin and the timing of continental truncation: *Geology*, v. 16, p. 330-333.
- Stone, P., and Stevens, C.H., 1993, Large-magnitude Permian shortening and continental- margin tectonics in the southern Cordillera: Discussion: *Geological Society of America Bulletin*, v. 105, p. 279-280. T
- Stone, P., Dunne, G.C., Stevens, C.H., and others, 1989, Geologic map of Paleozoic and Mesozoic rocks in parts of the Darwin and adjacent quadrangles, Inyo County, California: *United States Geological Survey, United States Geological Survey Miscellaneous Investigations Series Map I-1932*, Extent unknown 1:31,250.
- Stone, Richard O., 1956, A geologic investigation of playa lakes: Unpublished Ph.D. dissertation, University of Southern California, Los Angeles, California. (incomplete reference)
- Stonestrom, D.A., Prudic, D.E., and Striegl, R.G., 1997, Deuterium and oxygen-18 in water from a deep unsaturated zone in the Amargosa Desert, Nye County, Nevada [abs.]: *Eos, American Geophysical Union Transactions*, v. 78, no. 46, p. 302-303.
- Stose, G.W., 1942, Structural interpretation of the Death Valley region by Levi Noble: *Journal of the Washington Academy of Sciences*, v. 32, no. 9, p. 279.
- Stout, M.L., 1977, Radiocarbon dating of landslides in southern California: *California Geology*, v. 30, p. 99-105.
- Stover, C.W., and Coffman, J.L., 1993, Seismicity of the United States: *U.S. Geological Survey Professional Paper* 1527, 418 p.
- Strand, R.G., compiler, 1967, Geologic map of California—Mariposa sheet: *California Department of Conservation, Division of Mines and Geology*, scale 1:250,000, 1 sheet.
- Streitz, R., 1974, Reconnaissance geologic mapping in Streitz, Robert, and Stinson, compilers, *California Division of Mines and Geology Valley Sheet, Geologic Map of California*, scale 1:250,000.
- Streitz, R., and Stinson, M.C., 1977, Death Valley sheet of the California Division of Mines and Geology geologic atlas of California: *California Division of Mines and Geology*, 1 sheet 1:250,000.
- Streitz, R., and Stinson, M.C., 1977, Geologic map of California, Death Valley sheet: *Sacramento, CA, California Division of Mines and Geology*, 1 sheet, 1:250,000.
- Streitz, R., and Stinson, M.C., compilers, 1974, Geologic map of California—Death Valley sheet: *California Department of Conservation, Division of Mines and Geology*, 2 sheets, scale 1:250,000. (Second printing, 1980.) M, T
- Striegl, R.G., Healy, R.W., Michel, R.L., and Prudic, D.E., 1998, Tritium in unsaturated zone gases and air at the Amargosa Desert Research Site, and in spring and river water, near Beatty, Nevada, May 1997: *U.S. Geological Survey Open-File Report* 97-778, 13 p.
- Striegl, R.G., Prudic, D.E., Duval, J.S., Healy, R.W., Landa, E.R., Pollock, D.W., Thorstenson, D.C., and Weeks, E.P., 1996, Factors affecting tritium and 14carbon distributions in the unsaturated zone near the low-level radioactive-waste burial site south of Beatty, Nevada: *U.S. Geological Survey Open-File Report* 96-110, 16 p.
- Stroh, J.M., 199?, *Geology of the western Saline Peak 7.5' quadrangle, California*: 1 sheet, 1:24,000. (incomplete reference)
- Stroh, J.M., 1993, Salt-tolerant vegetation patterns in Saline Valley, California: response to ground water, soils, and geology. (incomplete reference)
- Stroh, J.M., 1997, No title [Water table elevations in the Saline Valley, Death Valley National Park - Draft]. (incomplete reference)

- Stroh, James M., 1993, Salt-tolerant vegetation patterns in Saline Valley, California—Response to ground water, soils, and geology: Unpublished research report, 29 p. (incomplete reference)
- Struthers, J., 1990, Evidence for right-lateral oblique slip on the Black Mountains range front - Desolation Canyon, Death Valley, California: Senior thesis, Department of Geological Sciences, University of Washington, 24 p.
- Stubblefield, K.P., 1992, Field trip—Land between the Lakes: *Earth*, v. 1, p. 50-57.
- Stuckless, J.S., Peterman, Z.E., Whelan, J.F., et al., 1991, Isotopic evidence for a per descensum origin for hydrogenic veins in faults near Yucca Mountain, Nevada: Geological Society of America, 1991 annual meeting, Abstracts with Programs, v. 23, p. 118.
- Stucky, R.K., Krishtalka, L., Dawson, M.R., et al., 1989, Paleontology, geology and remote sensing of Paleogene rocks in the northeastern Wind River basin, Wyoming, USA, *in* Mesozoic/Cenozoic vertebrate paleontology, classic localities, contemporary approaches: Field trips for the 28th International Geological Congress, p. 34-44. (incomplete reference)
- Stuenkel, E.L., 1978, The effects of temperature and salinity on electrolyte and energy metabolism in *Cyprinodon salinus*, 58 pp. graphs; tabs.; figs. (incomplete reference)
- Stuiver, M., 1964, Carbon isotopic distribution and correlated chronology of Searles Lake sediment: *American Journal of Science*, v. 262, p. 377-392.
- Summa, C.L., 1993, Sedimentologic, stratigraphic, and tectonic controls of a mixed carbonate-siliciclastic succession: Neoproterozoic to Formation, southeastern California, Cambridge, Massachusetts, Massachusetts Institute of Technology, Ph. D. dissertation, 616 p.
- Sumner, L., and Thede, M.E., 1946, Wildlife report on boundary changes proposed for the Nevada portion of Death Valley National Monument. (incomplete reference)
- Sundberg, F.A., 1979, Upper Cambrian paleobiology and depositional environments of the lower Nopah Formation, California and Nevada, San Diego, CA, San Diego State University (incomplete reference)
- Sundberg, F.A., 1983, *Skolithos linearis* Haldeman from the Carrara Formation (Cambrian) of California: *Journal of Paleontology*, v. 57, p. 145-149.
- Sundberg, F.A., Cooper, J.D., and Miller, R.H., 1979, Late Cambrian depositional environments, southeastern California and southern Nevada: Geological Society of America, Abstracts With Programs, v. 11, no. 7, p. 525.
- Sundberg, F.A., Cooper, J.D., Troxel, B.W., et al., 1982, Trace fossils from the Carrara Formation, southern Nopah Range, Inyo County, California—A preliminary note, *in* Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California, p. 201-202. (incomplete reference)
- Sutler, P.C., 1986, Soil development in an alluvial fan toposequence, 41 pp. tabs.; ill.; maps. (incomplete reference)
- Sutter, John, 1968, Geochronology of major thrusts, southern great basin, California: Unpublished Masters thesis, Rice University, Houston, Texas. (incomplete reference)
- Swadley, W.C., 1983, Map showing surficial geology of the Lathrop Wells quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigation Series Map I-1361, scale 1:48,000.
- Swadley, W.C., and Carr, W.J., 1987, Geologic map of the Quaternary and Tertiary deposits of the Big Dune quadrangle, Nye County, Nevada, and Inyo County, Nevada: U.S. Miscellaneous Investigations Map I-1767, 1 sheet, scale 1:48,000.
- Swadley, W.C., and Hoover, D.L., 1983, Geology of faults exposed in trenches in Crater Flat, Nye County, Nevada: U.S. Geological Survey Open-File Report 83-608.
- Swadley, W.C., and Hoover, D.L., 1989, Geologic map of surficial deposits on the Topopah Spring quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-2018, scale 1:24,000.
- Swadley, W.C., and Hoover, D.L., 1989, Geologic map of surficial deposits on the Jackass Flats quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1994, scale 1:24,000.
- Swadley, W.C., and Hoover, D.L., 1990, Geologic map of surficial deposits on the Yucca Flat area, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-2047, scale 1:24,000.
- Swadley, W.C., and Huckins, H.E., 1989, Surficial geologic map of the Specter Range NW quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1884, scale 1:24,000.
- Swadley, W.C., and Huckins, H.E., 1990, Geologic map of the surficial deposits of the Skull Mountain quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1972, scale 1:24,000.

- Swadley, W.C., And Parrish, L.D., 1988, Surficial geologic map of the Bare Mountain quadrangle, Nye County, Nevada: U.S. Geological Survey Miscellaneous Investigations Map I-1826, scale 1:62,500.
- Swadley, W.C., Hoover, D.L., and Rosholt, J.N., 1984, Preliminary report on late Cenozoic faulting and stratigraphy in the vicinity of Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-788, 42 p, plate scale 1:62,500.
- Swadley, W.C., Huckins, H.E., and Taylor, E.M., 1986, Logs of trenches across the Beatty scarp, Nye County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1897.
- Swadley, W.C., Yount, J.C., and Harding, S.T., 1988, Reinterpretation of the Beatty scarp, Nye County, Nevada, *in* Carr, M.D., and Yount, J.C. eds., Geologic and hydrologic investigations of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 113-119.
- Swainston, H.W., 1991, The characterization of Yucca Mountain—The status of the controversy: Federal Facilities Environmental Journal, v. 2, no. 2, p. 151-160.
- Swan, F.H., Wesling, J.R., Bullard, T.F., and Gibson, J.D., 1992, Geologic interpretation of Trench A/BR-3 for site characterization study 8.3.1.17.4.2, Midway Valley area, Yucca Mountain site, Nevada: Report from Geomatrix to U.S. Geological Survey, 27 p. 1 pl., scale 1:50.
- Swanson, S.C., 1982, Sedimentology and provenance of the South Park Member of the Kingston Peak Formation, Panamint Range, California, Los Angeles, University of California, Los Angeles.(incomplete reference).
- Swanson, S.C., Kettler, R.M., and Carlisle, D., 1981, Radioactive mineralization in the late Proterozoic South Park Member of the Kingston Peak Formation, Panamint Mountains, California [Abstract (?)] : Geological Society of America, Abstracts With Programs, v. 13, p. 110.
- Swihart, G.H., 1985, Nearfield investigations of crustal movements, southern California, 88 p. .(incomplete reference).
- Swihart, G.H., 1994, Boron isotopic study of tertiary bedded borate deposits in the vicinity of the Furnace Creek fault zone, California [project plan]. .(incomplete reference).
- Swolfs, H.S., Savage, W.Z., and Ashworth, E., 1985, Topography, stresses, and stability at Yucca Mountain, Nevada—Research and engineering applications in rock masses: 26th U.S. symposium on rock mechanics, research and engineering applications in rock mechanics, v. 26, p. 1121-1129.
- Swolfs, H.S., Savage, W.Z., and Ellis, W.L., 1988, An evaluation of the topographic modification of stresses at Yucca Mountain, Nevada, *in* Carr, M.D., and Yount, J.C., eds., Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada: U.S. Geological Survey Bulletin 1790, p. 95-102.
- Sylvester, A.G., and Bies, S.W., 1986, Geodetic monitoring of fault movements in Death Valley 1970-1985, *in* Troxel, B.W., ed., Quaternary tectonics of southern Death Valley, California—Field Trip Guide October 31, November 1 and 2, 1986, Friends of the Pleistocene, Pacific Cell: Shoshone, Calif., published by B.W. Troxel, p. 41-44.
- Sylvester, A.G., Byrd, J.O.D., Foster, C.T., and others, 1979, Geodetic monitoring of vertical fault movements in Death Valley [preprint]. (incomplete reference)
- Sylvester, Arthur G., 1966, Structure and metamorphic petrology of the contact aureole of Papoose Flat pluton, Inyo Mountains, California: Unpublished Ph.D. dissertation, University of California at Los Angeles. (incomplete reference)
- Szabo, B.J. and Winograd, I.J., 1995, Paleoclimatic, paleohydrologic and tectonic applications of uranium-series dating of travertine and calcite vein samples from southern Great Basin and Grand Canyon areas: U.S. Geological Survey Open-File Report. (incomplete reference)
- Szabo, B.J., and O'Malley, P.A., 1985, Uranium-series dating of secondary carbonate and silica precipitates relating to fault movements in the Nevada Test Site region and of caliche and travertine samples from the Amargosa Desert: U.S. Geological Survey Open-File Report 85-47, 12 p..
- Szabo, B.J., Carr, W.J., and Gottschall, W.C., 1981, Uranium-Thorium dating of Quaternary carbonate accumulations in the Nevada Test Site region, southern Nevada: U.S. Geological Survey Open-File Report 81-119, 35 p.
- Szabo, B.J., Kolesar, P.T., Riggs, A.C., Winograd, I.J., and Ludwig, K.R., 1994, Paleoclimatic inferences from a 120,000-yr calcite record of water-table fluctuation in Browns Room of Devils Hole, Nevada: Quaternary Research, v. 41, p. 56-69.
- Szymanski, J.S., 1989, Conceptual considerations of the Yucca Mountain groundwater system with special emphasis on the adequacy of this system to accommodate a high-level nuclear waste repository: U.S. Department of Energy, Nevada Operations Office, Las Vegas, Nevada, Unnumbered Report, 3 volumes. (incomplete reference)

- Tabor, Lawrence L., 1936, Geology of the Crater sulphur deposits, Inyo County, California: Unpublished Masters Thesis, University of California at Berkeley. (incomplete reference)
- Talbot, W.R., and others, 1980, Endangered and threatened freshwater mollusks of Amargosa drainage, California - Nevada: Tiburon CA, Tiburon Center for Environmental Studies, San Francisco State University, 43 pages.
- Talbot, W.R., and others, 1989, Investigators Annual Report [remote sensing hydrologic studies]. (incomplete reference)
- Tangeman, J.A., Lange, R.A. and anonymous, 1993, Oxygen fugacities of basaltic lavas from the Big Pine volcanic field, California, source region implications: Geological Society of America, 1993 annual meeting, Abstracts with Programs, v. 25, p. 327.
- Taylor, C.L., and Cluff, L.S., 1973, Fault activity and its significance assessed by exploratory excavation, *in* Proceedings of the Conference on Tectonic Problems of the San Andres Fault System: Stanford University Publication, Geological Sciences, v. XIII, September 1973, p. 239-247.
- Taylor, D.W., 1973, Mollusc survey of Death Valley and vicinity=Freshwater Mollusca, Death Valley region. (incomplete reference)
- Taylor, D.W., 1986, Mineral land classification of the Ash Meadows, Big Dune, Eagle Mountain, Funeral Peak, Pahrump, Ryan, Stewart Valley 15-minute quadrangles and High Peak 7 1/2-minute quadrangle, Inyo County, California: Sacramento CA, California Department of Conservation, Division of Mines and Geology, California Division of Mines and Geology, Open-File Report 86-10 SAC, 76 p.
- Taylor, E.M., 1986, Impact of Time and Climate on Quaternary Soils in the Yucca Mountain Area of the Nevada Test Site: University of Colorado, Masters Thesis, 216 p. (unpublished).
- Taylor, E.M., 1991, Quaternary spring deposits at the southern end of Crater Flat, Nye County, Nevada [abs.]: EOS [Transactions of American Geophysical Union], v. 72, p. 162.
- Taylor, E.M., and Huckins, H.E., 1995, Lithology, fault displacement, and origin of secondary calcium carbonate and opaline silica at trenches 14 and 14D on the Bow Ridge fault at Exile Hill, Nye County, Nevada: U.S. Geological Survey Open-File Report 93-477, 37 p.
- Taylor, Emily M., 1986, Impact of time and climate on Quaternary soils on the Yucca Mountain area of the Nevada Test Site: Unpublished M.S. thesis, University of Colorado, Boulder, 217 p.
- Taylor, G.C., 1974, Index to graduate theses and dissertations on California geology, 1962 through 1972: California Division of Mines and Geology, 80 p. (incomplete reference)
- Taylor, G.C., 1986, Mineral land classification of the Ash Meadows, Big Dune, Eagle Mountain, Funeral Peak, Ryan, Pahrump, Stewart Valley 15-minute quadrangles and High Peak 7 1/2-minute quadrangle, Inyo County, California: California Division of Mines and Geology Open-File Report 86-10 SAC, 76 p.
- Taylor, H.P., Jr., 1979, Oxygen and hydrogen isotope relationships in hydrothermal mineral deposits, *in* Barnes, H.L., ed., Geochemistry of hydrothermal ore deposits, Second Edition: New York, John Wiley and Sons, 798 p.
- Taylor, K.C., et al, 1993, The "flickering switch" of late Pleistocene climate change: *Nature*, v. 361, p. 432-436.
- Taylor, R.B., 1977, The Burro Or The Bighorn?: *Natl. Parks Conserv. Mag.*, v. 51, no. 9, p. 10-14.
- Taylor, Wanda J., 1984, Superposition of thin-skinned normal faulting on Sevier orogenic belt thrusts, northern Mormon Mountains, L: County, Nevada: Syracuse University, M.S. thesis, 75 p. (M,T)
- Tellam, J.H., 1994, The groundwater chemistry of the lower Mersey Basin Permo-Triassic sandstone aquifer system, UK—1980 and pre-industrialisation-urbanisation: *Journal of Hydrology*, v. 161, p. 287-325.
- Tellam, J.H., 1995, Hydrochemistry of the saline groundwaters of the lower Mersey Basin Permo-Triassic sandstone aquifer, UK: *Journal of Hydrology*, v. 165, p. 45-84.
- Terjung, W.H., Ojo, S.O., and Swarts, S.W., 1970, A nighttime energy and moisture budget in Death Valley, California, in mid-August: *Geografiska Annaler*, v. 52a, no. 3-4, p. 160-173.
- Thayer, T.P., 1991, Chemical and isotopic data for water from wells, springs, and streams in carbonate-rock terrane of southern and eastern Nevada and southeastern California, 1985-1988, United States Geological Survey, United States Geological Survey Open-File Report 89-422, 24 pages.

- Thayer, T.P., No date [mid 20th century?], Geological highlights of the northern Black Mountains. (incomplete reference)
- Thenhaus, P.C. and Wentworth, C.M., 1982, Map Showing Zones of Similar Ages of Surface Faulting and Estimated Maximum Earthquake Size in the Basin and Range Province and Selected Adjacent Areas: U. S. Geological Survey, Open-file Report 82-742, 18 p.
- Thiessen, R.L., and Farr, T.G., 1996. GIS and remote sensing study of alluvial fans in Death Valley, Nevada. *Proceedings of the Thematic Conference on Geologic Remote Sensing* 11, Pages I.299-I.308, Environmental Research Institute of Michigan. Ann Arbor, MI. (I)
- Thomas J.M., and Stute, M., 1996, Noble gases indicate groundwater flow across flow barriers in the carbonate-rock aquifers of southern Nevada, Chapter 4, *in* Thomas, J.M., 1996, Geochemical and isotopic interpretation of groundwater flow, geochemical processes, and age dating of groundwater in the carbonate-rock aquifers of the southern Basin and Range: Unpublished Ph.D. dissertation, University of Nevada at Reno, p. 108-128.
- Thomas, J.M., 1986, Ground-water levels in the Great Basin region of Nevada, Utah, and adjacent states, United States Geological Survey, United States Geologic Survey Hydrologic Investigations Atlas ATLAS HA-694-B, 2 sheets.
- Thomas, J.M., 1988, Delineation of regional ground-water flow systems in southern Nevada using isotopic and chemical data: Geological Society of America, Abstracts with Programs, v. 20, no. 7, p. A363.
- Thomas, J.M., 1996, Geochemistry and isotope hydrology of representative aquifers in the Great Basin region of Nevada, Utah, and adjacent states, United States Geological Survey, United States Geological Survey Professional Paper 1409-C, 100 pages.
- Thomas, J.M., and Burr, G.S., 1996, A comparison of groundwater ages calculated from dissolved inorganic and organic carbon, and from hydraulic data for carbonate-rock aquifers of southern Nevada, Chapter 3, *in* Thomas, J.M., 1996, Geochemical and isotopic interpretation of groundwater flow, geochemical processes, and age dating of groundwater in the carbonate-rock aquifers of the southern Basin and Range: Unpublished Ph.D. dissertation, University of Nevada at Reno, p. 73-103.
- Thomas, J.M., and Dettinger, M.D., 1996, Hydrogeologic, isotopic, and geochemical synthesis of groundwater flow in southern Nevada, USA, Chapter 2, *in* Thomas, J.M., 1996, Geochemical and isotopic interpretation of groundwater flow, geochemical processes, and age dating of groundwater in the carbonate-rock aquifers of the southern Basin and Range: Unpublished Ph.D. dissertation, University of Nevada at Reno, p. 4-66.
- Thomas, J.M., Lyles, B.F., and Carpenter, L.A., 1991, Chemical and isotopic data for water from wells, springs, and streams in carbonate-rock terrane of southern and eastern Nevada and southeastern California, 1985-88: U.S. Geological Survey Open-File Report 89-422, 24+ p. (incomplete reference)
- Thomas, J.M., Mason, J.L., and Crabtree, J.D., 1986, Ground-water levels in the Great Basin Region of Nevada, Utah, and adjacent states: U.S. Geological Survey Hydrologic Investigations Atlas HA-694-B, 2 Sheets, map scale 1:1,000,000.
- Thomas, J.M., Welch, A.H., and Dettinger, M.D., 1997, Geochemistry and isotope hydrology of representative aquifers in the Great Basin Region of Nevada, Utah, and adjacent states: U.S. Geological Survey Professional Paper 1409-C, 100 p.
- Thomas, J.M., Welch, A.H., and Preissler, A.M., 1989, Geochemical evolution of ground water in Smith Creek Valley—A hydrologically closed basin in central Nevada, USA: *Applied Geochemistry*, v. 4, p. 493-510.
- Thomas, J.M., Winograd, I.J., Coplen, T.B., et al., 1996, Carbon-14 dating of groundwater in southern Nevada, three decades of surprises: Geological Society of America, Abstracts with Programs, v. 28, p. 197. (incomplete reference)
- Thomas, James M., 1996, Geochemical and isotopic interpretation of groundwater flow, geochemical processes, and age dating of groundwater in the carbonate-rock aquifers of the southern Basin and Range: Unpublished Ph.D. dissertation, University of Nevada at Reno, 127 p.
- Thomas, Kathryn Alice, 1996, Vegetation and floristic diversity in the Mojave Desert of California: a regional conservation evaluation, Santa Barbara, CA, University of California.
- Thompson, D.G., 1929, The Mohave Desert Region, California, a geographic, geologic, and hydrologic reconnaissance: U.S. Geological Survey Water-Supply Paper 578, 759 p.
- Thompson, J.B., 1975, Burros in Death Valley National Monument, *in* National Advisory Board for Wild Free-Roaming Horses and Burros Proceedings, Naval Weapons Center, China Lake, CA, December 5 1975-December 6 1975, p. Appendix 16.
- Thompson, James H., 1963, Precambrian geology of the Emigrant Canyon area, Panamint Range, California: Unpublished Masters thesis, University of Southern California, Los Angeles, California, 89p.

- Thompson, R.A., and others, unpublished a, Geologic map of the Deadman Pass 7 1/2-minute quadrangle, Inyo County, California: U.S. Geological Survey, scale 1:24,000.
- Thompson, R.A., Geologic map of the Greenwater Canyon quadrangle, California-Inyo County, 7.5 Minute Series, unpublished, scale 1:24,000. (incomplete reference)
- Thompson, R.A., Milling, M.E., Fleck, R.J., Wright, L.A., and Rogers, N.W., 1993, Temporal, spatial, and compositional constraints on volcanism associated with large-scale crustal extension in central Death Valley, California: EOS [Transactions of American Geophysical Union], 1993 Fall Meeting Supplement, v. 74, no. 43, p. 624.
- Thompson, R.A., Milling, M.E., Fleck, R.J., Wright, L.A., and Rogers, N.W., 1986, Records of wells and test holes in the Nevada Test Site and vicinity: Carson City NV, United States Geological Survey, United States Geological Survey Open-File Report TEL-872, 26 p.
- Thompson, R.A., Wright, L.A., and Troxel, B.W., Geologic map of the west of Eagle Mountain quadrangle, California-Inyo County, 7 Minute Series, unpublished, scale 1:24,000. (incomplete reference)
- Thompson, R.A., Wright, L.A., and Troxel, B.W., Geologic map of the Funeral Peak quadrangle, California-Inyo County, 7.5 Minute unpublished, scale 1:24,000. (incomplete reference)
- Thordarson, W., 1965, Perched ground water in zeolitized-bedded tuff, Rainier Mesa and vicinity, Nevada Test Site, Nevada: U.S. Geological Survey Open-File Report TEI-862, 90 p.
- Thordarson, W., 1983, Geohydrologic data and test results from Well J-13, Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 83-4171, 57 p.
- Thordarson, W., 1985, Hydrologic monitoring at the Faultless site, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-580, 37 p.
- Thordarson, W., 1987, Hydrogeology of the Faultless site, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 86-4342, 40 p.
- Thordarson, W., and Howells, L.W., 1987, Hydraulic tests and chemical quality of water at well USW VH-1, Crater Flat, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 86-4359, 20 p.
- Thordarson, W., and Robinson, B.P., 1971, Wells and springs in California and Nevada within 100 miles of the point 37°15' N., 116°25' W., on Nevada Test Site: U.S. Geological Survey Report USGS-474-085 (NTS-227/1971), 178 p. (Available only from National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161)
- Thordarson, W., Rush, F.E., and Waddell, S.J., 1984, Geohydrology of test well USW H-3, Yucca Mountain Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 84-4272, 38 p.
- Thordarson, W., Rush, F.E., Spengler, R.W., and Waddell, S.J., 1984, Geohydrologic and drill-hole data for Test Well USW H-3, Yucca Mountain Nye County, Nevada: U.S. Geological Survey Open-File Report 84-149, (incomplete reference)
- Thordarson, W., Young, R.A., and Winograd, I.J., 1967, Records of wells and test holes in the Nevada Test Site and vicinity (through December 1966): U.S. Geological Survey Open-File Report TEI-872, 26 p.
- Thorstenon, D.C., Weeks, E.P., Haas, H., and Woodward, J.C., 1990, Physical and chemical characteristics of topographically affected airflow in an open borehole at Yucca Mountain, Nevada: Focus 89, Proceedings on Nuclear Waste Isolation in the Unsaturated Zone, American Nuclear Society, p. 256-270.
- Threlloff, D.L., 1981, Leasable mineral and waterpower land classification map of Death Valley, 1°x2° quadrangle, California and Nevada, United States Geological Survey, United States Geological Survey Open-File Report 81-325, Extent unknown .
- Threlloff, D.L., 1994, Using a Global Positioning System (GPS) to map the distribution of the Cottonball Marsh pupfish [Abstract], *in* Hendrickson, Dean A., Editor, Proceedings of the Desert Fishes Council, 1993 annual symposium [number twenty-five], Monterrey, Nuevo León, Mexico, November 10 1993-November 14 1993, p. 19-20.
- Threlloff, D.L., 1998, Wetland and riparian resources of Death Valley National Park and their susceptibility to water diversion activities, *in* Ground water resource issues of Death Valley National Park related to Timbisha Shoshone proposed reservations, U.S. National Park Service, 106 p.
- Thurston, W.R., 1949, The Daisy fluorspar deposit near Beatty, Nye County, Nevada: U.S. Geological Survey Strategic Mineral Investigations Preliminary Report 3-209, 10 p.
- Tickner, A.J., 1951-1961, Papers about Racetrack Playa, Death Valley National Monument [collection]. (incomplete reference)

- Tischler, H., 1955, Devonian and Mississippian stratigraphy of the Rest Spring area, California: Geological Society of America Bulletin, v. 66, no. 12, pt. 2, p. 1665-1666.
- Tischler, H., 1956, A new Mississippian tetracoral from Death Valley, California: Journal of Paleontology, v. 30, no. 1, p. 110-112.
- Tischler, Herbert, 1955, Devonian and Mississippian of Rest Spring area, California: Unpublished Masters Thesis, University of California at Berkeley. (incomplete reference)
- Todd, Wallace, 1928, Typical lake deposits of the Great Basin: Unpublished Masters Thesis, Stanford University, Palo Alto, California. (incomplete reference)
- Topping, D.J., 1990, Large landslides and Miocene extension in the Amargosa Chaos Basin, southern Death Valley, California [abs.]: EOS [Transactions of American Geophysical Union], 1990 fall meeting, v.71, p. 1612.
- Topping, D.J., 1991, The deposits of large catastrophic landslides as paleogeographic tools, an example from Death Valley, California: Geological Society of America, 1991 annual meeting: Geological Society of America, 1991 annual meeting, v. 23, no. 5, p. A82.
- Topping, D.J., 1991, The transition from arc-volcanism to strike-slip-driven-extension in the southern Death Valley region as recorded in the Amargosa Chaos: Geological Society of America, Abstracts with Programs, v. 23, no. 2, p. 104.
- Topping, D.J., 1993, Paleogeographic reconstruction of the Death Valley extended region, evidence from Miocene large rock-avalanche deposits in the Amargosa Chaos Basin, California: Geological Society of America Bulletin, v. 105, p. 1190-1213.
- Topping, D.J., 1993, Paleotopography, provenance, and paleoslopes in a supradetachment basin: examples from the Amargosa Chaos, Death Valley, California: Geological Society of America Abstracts With Programs, v. 25, no. 6, p. 351.
- Townsend, T.T., 1987. A comparison of Landsat MSS and TM imagery for interpretation of geologic structure. Photogrammetric Engineering and Remote Sensing, v. 53, p. 1245-1249. (I)
- Troutman, T.W., 1979, The King's Canyon Lineament, central California: (incomplete reference)
- Troxel, B.W., 1966, Sedimentary features of the upper Precambrian Kingston Peak Formation, Death Valley, California [Abstract], in Geological Society of America Special Paper 101, Extent unknown. (incomplete reference)
- Troxel, B.W., 1967, Sedimentary rocks of late Precambrian and Cambrian age in the southern Salt Spring Hills, southeastern Death Valley, California: California Division of Mines and Geology Special Report 92, p. 33-41, map scale 1:62,400.
- Troxel, B.W., 1968, Sedimentary features of the Later Precambrian Kingston Peak Formation, Death Valley, California: Geological Society of America Special Paper. (incomplete reference)
- Troxel, B.W., 1970, Anatomy of a fault zone, southern Death Valley area, California: Geological Society of America, Abstracts With Programs, v. 2, p. 154.
- Troxel, B.W., 1970, Guide to selected features of Death Valley geology, in Gasch, Jerrie W., and Matthews, Robert A., Editors, Geologic guide to the Death Valley area, California, Geological Society of Sacramento, Annual Field Trip Guidebook 1970, p. p. 40-55, 73 p. + Appendix III (12 p.).
- Troxel, B.W., 1974, Geologic guide to the Death Valley Region, California and Nevada, in Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 2-16.
- Troxel, B.W., 1974, Man-made diversion on Furnace Creek Wash, Zabriskie Point, Death Valley, California: California Geology, v. 27, no. 10, p. 219-223.
- Troxel, B.W., 1974, Significance of a man-made diversion of Furnace Creek Wash at Zabriskie Point, Death Valley, California, in Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 87-91.
- Troxel, B.W., 1976, Geologic features of Death Valley: California Geology, v. 29, p.182-183.
- Troxel, B.W., 1977, Arcuate faults and grabens in Death Valley, California: California Division of Mines and Geology, California Division of Mines and Geology, CG 30, no. 1, 1 sheet 1:12,000.

- Troxel, B.W., 1982, Basin facies (Ibex Formation) of the Noonday Dolomite, southern Saddle Peak Hills, southern Death Valley, California, *in* Cooper, J. D., Troxel, B. W., and Wright, L. A., Editors, Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook for field trip no. 9, 78th Anniversary Meeting of Cordilleran Section, Geological Society of America, Death Valley Publishing Company, p. 43-46.
- Troxel, B.W., 1982, Description of the uppermost part of the Kingston Peak Formation, Amargosa Rim Canyon, Death Valley region, California, *in* Cooper, John D., Troxel, Bennie W., and Wright, Lauren A., Editors, Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California: Shoshone CA, The Death Valley Publ. Co., p. p. 61-70, Extent unknown.
- Troxel, B.W., 1986, Geologic map of the west-central part of the Avawatz Pass 15-minute quadrangle, Death Valley region, California. Shown on the geologic map that accompanies Brady (1986), scale 1:24,000.
- Troxel, B.W., 1986, Pleistocene and Holocene deformation on a segment of the southern Death Valley fault zone, California (p. 13-16), *in* Troxel, B.W., ed., Quaternary tectonics of southern Death Valley, California—Field trip guide, October 31 and November 1 and 2, 1986: Pacific Cell, Friends of the Pleistocene, published by B.W. Troxel, PO Box 127, Shoshone, CA 92384.. N
- Troxel, B.W., 1986, Significance of Quaternary fault pattern, west side of the Mormon Point Turtleback, southern Death Valley, California—A model of listric normal faults (p. 37-40), *in* Troxel, B.W., ed., Quaternary tectonics of southern Death Valley, California—Field trip guide, October 31 and November 1 and 2, 1986: Pacific Cell, Friends of the Pleistocene, published by B.W. Troxel, PO Box 127, Shoshone, CA 92384.. N
- Troxel, B.W., 1988, A geologic traverse of the northern Funeral Mountains, Death Valley, California, *in* Weide, D.L., and Faber, D.L., eds., This extended land, Geological journeys in the southern Basin and Range, Geological Society of America Cordilleran Section Field Trip Guide: University of Nevada at Las Vegas Geosciences Department Special Publication 2, p. 45-49. T,S
- Troxel, B.W., 1988, Man-made diversion of Furnace Creek Wash, Zabriskie Point, Death Valley, California, *in* Gregory, Jennifer L., and Baldwin, E. Joan, Editors, Geology of the Death Valley region, South Coast Geological Society, Inc., p. 156-160, 429 p.
- Troxel, B.W., 1988, Significance of Quaternary fault pattern, west side of the Mormon Point turtleback, southern Death Valley, California; a model of listric normal faults Gregory, Jennifer L., and Baldwin, E. Joan, Editors, Geology of the Death Valley region, South Coast Geological Society, Inc., p. p. 240-242, 429 p.
- Troxel, B.W., and Butler, P.R., 1979, Geology of the northeastern Avawatz Mountains, San Bernardino County, California, United States Geological Survey Miscellaneous Investigation. (incomplete reference)
- Troxel, B.W., and Butler, P.R., 1979, Tertiary and Quaternary fault history of the intersection of the Garlock and Death Valley fault zones, southern Death Valley, California. (incomplete reference)
- Troxel, B.W., and Butler, P.R., 1979, Time relations between faulting, volcanism, and fan development, south-central Death Valley, California. (incomplete reference)
- Troxel, B.W., and Butler, P.R., 1986, Multiple Quaternary deformation, central part of the Confidence Hills, Death Valley, California—An example of folding along a strike-slip fault zone (p. 25-28), *in* Troxel, B.W., ed., Quaternary tectonics of southern Death Valley, California—Field trip guide, October 31 and November 1 and 2, 1986: Pacific Cell, Friends of the Pleistocene, published by B.W. Troxel, PO Box 127, Shoshone, CA 92384. N
- Troxel, B.W., and Butler, P.R., 1986a, Time relations between Quaternary faulting, volcanism and fan development, southern Death Valley, California, *in* Troxel, B. W., ed., Quaternary tectonics of southern Death Valley, California: Field guide 1986 annual meeting and trip of the Friends of the Pleistocene, Pacific Cell, October 31, and November 1-2p. 31-35.
- Troxel, B.W., and Butler, P.R., 1998, Tertiary and Quaternary history of the intersection of the Garlock and Death Valley fault zones, *in* J. P., and Reynolds, R. E., eds., Finding faults in the Mojave, The 1998 Desert research symposium field trip guide and volume, Bernardino County Museum Association, p. 91-98, scale of accompanying map 1:24,000.
- Troxel, B.W., and Gray, C.H., 1961, Reconnaissance geologic map of parts of the Wingate Pass, Manly Peak, and Quail Mountains 15-quadrangles: California Division of Mines and Geology, unpublished, scale 1:62,500.
- Troxel, B.W., and Heydari, E., 1983, Basin and Range geology in a roadcut, *in* Stellar, D. L., Editor, Death Valley region field guide, Nat. Assoc. Geol. Teachers, Far Western Sec., Nat. Assoc. Geol. Teachers, Far Western Sec. Ann. Mtg., p. 42-45, Extent unknown. (incomplete reference)

- Troxel, B.W., and Heydari, E., 1982, Basin and Range geology in a roadcut, *in* Cooper, John D., Troxel, Bennie W., and Wright, Lauren A., Editors, *Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook for field trip no. 9, 78th Anniversary Meeting of Cordilleran Section, Geological Society of America: Shoshone CA 92384, Death Valley Publishing Company*, p. 91-96, 202 p.
- Troxel, B.W., and Wright, Lauren A., 1976, *Geologic features, Death Valley, California: California Division of Mines and Geology, Special Report 106*, 72 p.
- Troxel, B.W., and Wright, L.A., 1968, Precambrian stratigraphy of the Funeral Mountains, Death Valley, California [Abstract] *Geological Society of America, Geological Society of America Program, Cordilleran Section, Geological Society of America*, p. 125-126.
- Troxel, B.W., and Wright, L.A., 1969, Precambrian stratigraphy of the Funeral Mountains, Death Valley, California: *Geological Society of America Special Paper*, p. 574-575. (incomplete reference)
- Troxel, B.W., and Wright, L.A., 1974, Tertiary extensional features, Death Valley region, eastern California: *Geological Society of America Centennial Field Guide*, v. 1, p. 121-132.
- Troxel, B.W., and Wright, L.A., 1976, *Geologic Features Death Valley, California: California Division of Mines and Geology, Special Report 106*, 33 p.
- Troxel, B.W., and Wright, L.A., 1983, *Death Valley Region Field Guide: Cypress College, Cypress, CA. (N,Q,S,T)* (incomplete reference)
- Troxel, B.W., and Wright, L.A., 1987, Tertiary extensional features, Death Valley region, eastern California, *in* Hill, M.L., ed., *Decade of North America geology, Centennial Field Guide: v. 1*, p. 121-132.
- Troxel, B.W., and Wright, L.A., 1989, *Geologic map of the central and northern Funeral Mountains and adjacent areas, Death Valley region, southern California: U.S. Geological Survey Open-File Report 89-348, scale 1:48,000, with text*, 7 p.
- Troxel, B.W., Cooper, J.D., Albright, G., et al., 1989, *Geologic road guide, Day 1, Segment 1, Baker to southern Death Valley—Cavalcade of carbonates: Society of Economic Paleontologists and Mineralogists, Field Trip Guidebook-Pacific Section*, v. 61, p. 6-10.
- Troxel, B.W., Cooper, J.D., Albright, G., et al., 1989, *Geologic road guide, Day 2, Segment 3, Shoshone to eastern Funeral Range—Cavalcade of carbonates: Society of Economic Paleontologists and Mineralogists, Field Trip Guidebook-Pacific Section*, v. 61, p. 32-36.
- Troxel, B.W., Cooper, J.D., Cooper, J.D., et al., 1982, *Geologic road guide, Day 3, Segment B, Shoshone to northern Nopah Range—Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California*, p. 89-90. (incomplete reference)
- Troxel, B.W., Cooper, J.D., Cooper, J.D., et al., 1989, *Geologic road guide, Day 1, Segment 2, Wade Monument to Nopah Range—Cavalcade of carbonates: Society of Economic Paleontologists and Mineralogists, Field Trip Guidebook-Pacific Section*, v. 61, p. 14-20.
- Troxel, B.W., Cooper, J.D., Troxel, B.W., et al., 1982, *Description of the uppermost part of the Kingston Peak Formation, Amargosa Rim Canyon, Death Valley region, California—Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California*, p. 61-70. (incomplete reference)
- Troxel, B.W., Cooper, J.D., Troxel, B.W., et al., 1982, *Geologic road guide, Day 3, Segment A, Shoshone to Death Valley—Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California*, p. 71-76. (incomplete reference)
- Troxel, B.W., Cooper, J.D., Troxel, B.W., et al., 1982, *Geologic road guide, Day 3, Segment C, Shoshone to Interstate 15 via Kingston Range—Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California*, p. 137-140. (incomplete reference)
- Troxel, B.W., Date unknown, *Arcuate faults and grabens in Death Valley, California.* (incomplete reference)
- Troxel, B.W., *Geologic map of the Old Ibex Pass quadrangle, California-San Bernardino County, 7.5 Minute Series unpublished, scale approximately 1:24,000.*
- Troxel, B.W., Heydari, E., Cooper, J.D., et al., 1982, *Basin and Range geology in a roadcut: Geology of selected areas in the San Bernardino Mountains, western Mojave Desert, and southern Great Basin, California*, p. 91-96. (incomplete reference)
- Troxel, B.W., Jahns, R.H., and Butler, P.R., 1979, *Quaternary and Tertiary history of offsets along the easternmost segment of the Garlock fault zone [Abstract]: Geological Society of America, Abstracts With Programs*, v. 11, no. 3, p. 132.

- Troxel, B.W., McMackin, M.A., and Calzia, J.P., 1976, Geologic features, Death Valley, California, California Division of Mines and Geology, California Division of Mines and Geology Special Report No. 106, 72 p.
- Troxel, B.W., McMackin, M.A., and Calzia, J.P., 1987, Comment on "Late Precambrian tectonism in the Kingston Range, southern California": *Geology*, v. 15, p. 274-275.
- Troxel, B.W., Sarna-Wojcicki, A.M., and Meyer, C.E., 1986, Ages, correlations, and sources of three ash beds in deformed Pleistocene Confidence Hills, Death Valley, California, *in* Troxel, B. W., ed., Quaternary tectonics of southern Death Valley, California: Field guide, 1986 annual meeting and field trip of the Friends of the Pleistocene, Pacific Cell, Shoshone, CA, p. 29-33.
- Troxel, B.W., unpublished, Geologic map of the Confidence Hills area, Inyo County, California, scale 1: 24,000.
- Troxel, B.W., Weide, D.L., and Faber, M.L., 1988, Detachment surfaces in the southern Great Basin, A geologic traverse of the northern Funeral Mountains, Death Valley, California—This extended land, geological journeys in the southern Basin and Range: 45-49. (incomplete reference)
- Troxel, B.W., Wright, L.A. and Hill, M.L., 1987, Tertiary extensional features, Death Valley region, eastern California: Cordilleran section of the Geological Society of America, Centennial Field Guide, No. 1, p. 121-132.
- Troxel, B.W., Wright, L.A., and Jahns, R.H., 1972, Evidence for differential displacement along the Garlock fault zone, California: Geological Society of America, Abstracts With Programs, v. 4, p. 250.
- Troxel, B.W., Wright, L.A., and Williams, E.G., 1977, Late Precambrian history derived from the Kingston Peak Formation, Death Valley region, California [Abstract]: Geological Society of America, Abstracts With Programs, v. 9, no. 4, p. 517.
- Troxell, H.C., and Hofmann, W., 1954, Hydrology of the Mojave desert, *in* Jahns, R.H., ed., Geology of southern California, California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VI, Contribution 2, p. 13-17.
- Truby, R.L., 1970, Final report of reverse osmosis appraisal programs at Furnace Creek and Stove Pipe Wells in Death Valley National Monument: Gulf General Atomic Inc., San Diego, California, G.G.A. Project 2107. 47 p.
- Trull, T.W., Brown, E.T., Marty, B., Raisbeck, G.M., and Yicu, F., 1995, Cosmogenic ¹⁰Bo and ³He accumulation in Pleistocene beach terraces in Death Valley, California, U.S.A.—Implications for cosmic-ray exposure dating of young surfaces in hot climates: *Chemical Geology*, v. 119, p. 191-207.
- Tucker, M.E., 1982, Precambrian dolomites, petrographic and isotopic evidence that they differ from Phanerozoic dolomites: *Geology*, v.10, p.7-12.
- Tucker, M.E., 1983, Diagenesis, geochemistry, and origin of a Precambrian dolomite: the Beck Spring dolomite of eastern California: *Journal of Sedimentary Petrology*, v. 53, p. 1097-1119.
- Tucker, M.E., 1986, Formerly aragonitic limestones associated with tillites in the Late Proterozoic of Death Valley, California: *Journal of Sedimentary Petrology*, v. 56, p. 818-830.
- Tucker, W.B., 1924, Los Angeles Field Division: California Mineral Bureau Report 20, 33 p.
- Tucker, W.B., 1926, Inyo County, *in* Twenty-second report of the state mineralogist covering mining in California and the activities of the State: California Mineral Bureau Report 4, p. 453-530.
- Tucker, W.B., 1926, Los Angeles Field Division: California Mineral Bureau Report 22, 480 p.
- Tucker, W.B., 1938, Mineral resources of Inyo County, California: California Division of Mines Report 34, p. 430-431.
- Tucker, W.B., 1996, Digital elevation model (DEM) file of topographic elevations for the Death Valley region of southern Nevada and southeastern California processed from U.S. Geological Survey 1-degree digital elevation model data files: Denver CO, US Geological Survey, 9 pages.
- Tucker, W.B., 1996, Digital hydrographic, land use/land cover, and hydrologic unit boundary files for the Death Valley region of southern Nevada and southeastern California processed from U.S. Geological Survey 1:100,000- and 1:250,000-scale digital data files: Denver CO, US Geological Survey, 21 pages.
- Tucker, W.B., and Sampson, R.J., 1938, Mineral resources of Inyo County, California: California Division of Mines and Geology, v. 34, no. 4, p. 368-500.
- Tumbusch, M.L., and Schaefer, D.H., 1996, Selected hydrologic data for location of MX wells in east-central and southern Nevada, January 1980 through May 1996: U.S. Geological Survey Open-File Report 96-469, 3 p., 3 tables, 1 plate.

- Turner, A.K., D'Agnesse, F.A., and Faunt, C.C., 1996, Digital elevation model (DEM) file of topographic elevations for the Death Valley region of southern Nevada and Southeastern California processed from U.S. Geological Survey 1-degree digital elevation model data files: U.S. Geological Survey Open-File Report 95-287, 8 p.
- Turner, A.K., D'Agnesse, F.A., and Faunt, C.C., 1996, Digital hydrographic, land use/land cover, and hydrologic unit boundary files for the Death Valley region of southern Nevada and southeastern California processed from U.S. Geological Survey 1:100,000- and 1:250,000-scale digital data files: U.S. Geological Survey Open-File Report 95-362, 14 p., 6 tables.
- Turner, A.K., Downey, J.S., and Kolm, K.E., 1990, Potential applications of three-dimensional geoscientific mapping and modeling systems to hydrogeological assessments at Yucca Mountain, Nevada: National Computer Graphics Association GIS '90—Bringing the User Community Together, p. 294-302.
- Turner, B.J., 1973, Genetic Divergence Of Death Valley Pupfish Population Species-Specific Esterases.: *Comp. Biochem. Physiol. B Comp. Biochem.*, v. 46, no. 1, p. 57-70.
- Turner, B.J., 1973, Genetic Variation Of Mitochondrial Aspartate Aminotransferase In The Teleost /Cyprinodon Nevadensis/: *Comp. Biochem. Physiol. B Comp. Biochem.*, v. 44, no. 1, p. 89-92.
- Turner, B.J., 1974, Genetic Divergence Of Death Valley Pupfish Species: Biochemical Versus Morphological Evidence.: *Evolution*, v. 28, no. 2, p. 281-294.
- Turner, B.J., and Liu, R.K., 1977, Extensive interspecific genetic compatibility in the New World killifish genus *Cyprinodon*: *Copeia*, v. 2, p. 259-269.
- Turner, B.J.A.L.R.K., 1977, Xanthic Variants In A Natural Population Of The Salt Creek Pupfish, /*Cyprinodon Salinus*/: *Southwest. Nat.*, v. 22, no. 4, p. 538-540.
- Turrin, B.D., Champion, D., and Fleck, R.J., 1991, ⁴⁰Ar/³⁹Ar age of the Lathrop Wells Volcanic Center, Yucca Mountain: *Science*, Aug 9, 1991, v. 253, no. 5020, p. 654-657.
- Twidale, C.R., 1978, On the origin of pediments in different structural settings: *American Journal of Science*, v. 278, p. 1138-1176.

U

- U.S. Borax and Chemical Company, 1972, 100 years of U.S. Borax, 1872-1972, 47 p.
- U.S. Borax, 1951, The story of the Pacific Coast Borax Company, Division of Borax Consolidated Limited: The Ward Ritchie Press, Los Angeles, California, 59 p.
- U.S. Bureau of Reclamation, 1968, Amargosa project, Nevada-California, reconnaissance investigation, Inland Basins Project: US Bureau of Reclamation, 61 p.
- U.S. Bureau of Reclamation, 1968, Interim report on inland basins projects, Nevada-California Amargosa Project: Boulder City, Nevada, November 1968, 61 p.
- U.S. Bureau of Reclamation, 1972, Furnace Creek-Cow Creek water supply system study, Death Valley National Monument, California: Lower Colorado River Region, July 1972, 72 p.
- U.S. Bureau of Reclamation, 1972, Furnace Creek-Cow Creek water supply system study, Death Valley National Monument, California: Lower Colorado Region, May 1972. (incomplete reference)
- U.S. Bureau of Reclamation, 1972, Inland Basins Projects, California-Nevada, reconnaissance investigation—Summary report: US Bureau of Reclamation, 71 p.
- U.S. Bureau of Reclamation, 1975, Amargosa Project, California-Nevada—Concluding report: , Boulder City, Nevada, U.S. Bureau of Reclamation Report, Lower Colorado Region, 65 p.
- U.S. Bureau of Reclamation, 1988, Deep carbonate aquifer concluding report: Boulder City, Nevada, Bureau of Reclamation Report, 53 p.
- U.S. Department of Energy, 1978, Discussion of the alternatives for acquisition of mining claims and/or boundary modifications to reduce possible acquisition costs: Death Valley National Monument, United States Government Printing Office, 76 p.
- U.S. Department of Energy, 1978, Environmental consequences of mineral extraction: Death Valley and Organ Pipe Cactus National Monuments, Denver Service Center, National Park Service, 100+ pages.

- U.S. Department of Energy, 1982, A Sikes Act management plan for the Surprise Canyon Area of Critical Environmental Concern (CA-06-WHA-10) and Western Panamint Mountains Canyons Wildlife Habitat Management Area (WHMA) (CA-06-WHA-10), United States Department of the Interior, Bureau of Land Management, California Desert District, Ridgecrest Resource Area, 100+ pages.
- U.S. Department of Energy, 1982, A Sikes Act management plan for the Eureka Valley Dunes Area of Critical Environmental Concern (ACEC) (CA-06-ACEC-3) and the Eureka Dunes Wildlife Habitat Management Area (WHMA) (CA-06-WHMA-3), United States Department of the Interior, Bureau of Land Management, 58 pages.
- U.S. Department of Energy, 1984-1993, Nevada Test Site/Yucca Mountain environmental evaluations [collection]. (incomplete reference)
- U.S. Department of Energy, 1988, Environmental monitoring and mitigation plan for site characterization, Yucca Mountain site, Nevada research and development area, Nevada: U.S. Department of Energy, Office of Civilian Waste Management, Washington, D.C., Revision 2, December 1988. (incomplete reference)
- U.S. Department of Energy, 1988, Site Characterization Plan-Hydrology: Office of Civilian Radioactive Waste Management, Washington, D.C., v. II, part A, chapter 3, 139 p.
- U.S. Department of Energy, 1991, Monitoring program for ground-water levels and springflows in the Yucca Mountain region of southern Nevada and California: U.S. Department of Energy, Yucca Mountain Project Office report, 20 p.
- U.S. Department of Energy, Nevada Operations Office, Yucca Mountain Site Characterization Office, and Lawrence Livermore National Laboratory, 1995, Field trip to the Nevada Test Site, Yucca Mountain, Ash Meadows National Wildlife Refuge, and Devils Hole National Monument.
- U.S. Department of the Interior, National Park Service, 1941, Death Valley National Monument: a bibliography. (incomplete reference)
- U.S. Department of the Interior, National Park Service, 1977?, Administrative action, final environmental impact statement: upgrade RS-W658, Inyo County, from State Route 168 to Death Valley National Monument, 191 pages.(incomplete reference)
- U.S. Department of the Interior, National Park Service, 1982, Aeromagnetic map of the Panamint Dunes area, California, United States Geological Survey, United States Geological Survey Open-File Report 82-1085, Extent unknown .
- U.S. Department of the Interior, National Park Service, 1987, Hydrologic data, Stovepipe Wells area, Death Valley National Monument [compilation]: Laguna Niguel, CA, United States Geological Survey, 30+ pages.
- U.S. Department of the Interior, National Park Service, 1990, Statement for management: Death Valley National Monument. (incomplete reference)
- U.S. Department of the Interior, National Park Service, Date unknown, Aeromagnetic map of parts of the Goldfield, Mariposa and Death Valley 1°x2° quads., Nevada-California, United States Geological Survey, Extent unknown . (incomplete reference)
- U.S. Department of the Interior, National Park Service, Death Valley National Monument, 1976, Environmental Assessment: management options for natural and cultural resources, Death Valley National Monument. (incomplete reference)
- U.S. Geological Survey, 1957, Map of the Furnace Creek Wash area, Death Valley National Monument, Inyo County, California, showing reconnaissance geology and locations of points of groundwater discharge.
- U.S. Geological Survey, 1963, A summary of the ground water hydrology of the area between the Las Vegas Valley and the Amargosa Desert, Nevada, with special reference to the effects of possible new withdrawals of groundwater, Extent unknown .
- U.S. Geological Survey, 1967, Aeromagnetic map of the Bullfrog and Bare Mountain Quadrangles, Nevada-California: U.S. Geological Survey Open-File Report, 1 Sheet
- U.S. Geological Survey, 1976, Field trip to Nevada Test Site: U.S. Geological Survey Open-File Report 76-313, 62 p.
- U.S. Geological Survey, 1988, Ground-water site inventory for Hydrographic Basins 227-230: U.S. Geological Survey (incomplete reference)
- U.S. Geological Survey, 1991, Monitoring program for ground-water levels and springflows in the Yucca Mountain region of southern Nevada and California: Report prepared for the U.S. Department of Energy, Yucca Mountain Project Office, 20 p.
- U.S. Geological Survey, and additional cartographers unknown, 1990, California Desert Protection Act blueprint maps: 26 maps, 1:250,000 and 15-minute.
- U.S. Geological Survey, California District, 1987, Hydrologic data: Stovepipe Wells area, Death Valley National Monument.

- U.S. Geological Survey, Water Resources Investigations, and U.S. Department of Energy, preparers, 1979, Two-dimensional, steady-state model of ground-water flow, south-central Great Basin, Nevada-California, 119 pp. maps; tabs.; figs.
- U.S. National Park Service, 1977, Death Valley National Monument, Reconstruct water system, Furnace Creek area: Denver Service Center, Contract Specifications, Project 8130-4678. (incomplete reference)
- U.S. National Park Service, 1988, Flood mitigation study and environmental assessment, Death Valley National Monument, Death Valley Flood Studies v. III: Denver Service Center, March 1988, 234 p.
- U.S. National Park Service, 1990, Draft flood mitigation study and environmental assessment, Death Valley flood Studies V. III—Addendum for Scotty's Castle Death Valley National Monument California and Nevada: Denver Service Center, September 1990, 86 p.
- U.S. National Park Service, 1994, Baseline water quality data, inventory and analysis, Death Valley National Monument: Water Resources Division, Fort Collins, Colorado, NPS/NRWRD/NRTR-94/21, 187 p.
- U.S. National Park Service, 1997, Agreement between Project Darwin Inc. and the National Park Service and Bureau of Land Management and California Department of Fish and Game regarding ground water withdrawals from Darwin Wash, 12 p.
- U.S. National Research Council, 1992, Ground water at Yucca Mountain—How high can it rise?: Panel on Coupled Hydrologic/Tectonic/Hydrothermal Systems at Yucca Mountain, National Academy Press, April 1992, 231 p.
- U.S. Senate Document, 1964, Mineral and water resources of Nevada: U.S. Geological Survey and Nevada Bureau of Mines Bulletin 65, 311 p.
- Uchida, Ron, and Ward, J.R., 1976, Groundwater hydrology, proposed Billie Borate Mine, Death Valley, California: Woodward-Clyde Consultants, Denver, Colorado, 37 p., 9 figures, 4 tables, appendix.
- Underwood, J.F., 1940, Selenite crystals in Death Valley: *Mineralogist*, v.8, p. 483.
- University of California, Davis, Department of Geology, 1978, Geology of the Death Valley region [collection].
- Unruh, J., February 16 1982, letter to Memo to Grapevine Sub-District files: Grapevine, Death Valley National Monument. 3 p.
- Uyeno, Teruya, and Miller, R.R., 1962, Relationship of *Empetrichthys erdisi*, a pliocene cyprinodontid fish from California, with remarks on the fundulinae and cyprinodontinae: *Copeia*, v. 3, p. 520-532.

V

- Van Alstine, D.R. and Gillett, S.L., 1979, Two-polarity, late Tertiary CRM in some upper Precambrian sedimentary rocks from the southern Great Basin[abs.]: *EOS [Transactions of American Geophysical Union]*, v. 60, p. 816.
- Van Denburgh, A.S., and Rush, F.E., 1973, Water-resources appraisal of Railroad and Penoyer Valleys, east-central Nevada: Nevada Department of Conservation and Natural Resources Water-Resources, Reconnaissance Series Report 60, 57 p.
- Van Devender, T.R., and Spaulding, W.G., 1979, Development of vegetation and climate in the southwestern United States: *Science*, v. 204, May 18, 1979, p. 701-710.
- Van-den-Bogaard, P., and Schirnick, C., 1995, $^{40}\text{Ar}/^{39}\text{Ar}$ laser probe ages of Bishop Tuff quartz phenocrysts substantiate long-lived silicic magma chamber at Long Valley, United States: *Geology*, v. 23, p. 759-762
- Vaniman, D.T., and Whelan, J.F., 1994, Inferences of paleoenvironment from petrographic, chemical and stable-isotope studies of calcretes and fracture calcites: *Proceedings of the Fifth International High-level Radioactive Waste Management Conference*, v. 4, p. 2730-2737.
- Vaniman, D.T., Bish, D.L., and Chipera, S., 1988, A preliminary comparison of mineral deposits in faults near Yucca Mountain, Nevada, with possible analogs: Los Alamos National Laboratory LA-11289-MS, 54 p.
- Vaniman, D.T., Bish, D.L., Broxton, D.E., Byers, F.M., Jr., Heiken, G.H., Carlos, B.A., Semarge, E., Caporuscio, F.A., and Gooley, R., 1984, Variations in authigenic mineralogy and sorptive zeolite abundance at Yucca Mountain, Nevada, based on studies of drill cores USW GU-3 and G-3: Los Alamos National Laboratory Report LA-9707-MS.
- Vaniman, D.T., Crowe, B.M., and Gladney, E.S., 1982, Petrology and geochemistry of hawaiiite lavas from Crater Flat, Nevada: *Contributions to Mineralogy and Petrology*, v. 80, p 341-357.

- VanWormer, J.D. and Ryall, A.S., 1980, Sierra Nevada-Great Basin Boundary Zone: Earthquake Hazard Related to Structure, Active Tectonic Processes, and Anomalous Patterns of Earthquake Occurrence, *Bulletin of the Seismological Society of America*, v. 70, no. 5, p. 1557-1572.
- Varela, D.P., 1957, *Geology of California* [collection].
- Varela, D.P., 1976, Method of emplacement of the Smith Mountain pluton, Death Valley, California, 24 pp. maps; figs.; graphs. (incomplete reference)
- Varela, D.P., 1977-1986, Mine operation plans and environmental assessments [collection].
- Varela, D.P., 1994, Surveys at Devil's Hole National Monument 1953 to 1994.
- Varela, D.P., 1996, Report for the installation of soil vadose zone monitoring wells at the Furnace Creek landfill, Death Valley National Park [draft]: Alameda CA, Versar, Inc., 50+ pages.
- Varela, D.P., mostly later 20th century, Death Valley guidebooks [collection].
- Varela, David P., 1976, Method of emplacement of the Smith Mountain pluton, Death Valley, California, Los Angeles, CA, California State University at Los Angeles. (incomplete reference)
- Ver Planck, W.E., 1954, Salines in southern California, *in* Jahns, R.H., ed., *Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VIII, Contribution 1*, p. 5-13.
- Ver Planck, W.E., 1956, History of borax production in the United States: *California Journal of Mines and Geology*, v. 52, no. 3, p. 273-291.
- Versar, 1996, Workplan for a problem assessment at the former underground storage tank site at the Grapevine Maintenance Yard located within Death Valley National Park: Private Consultant, Versar Inc., 1255 Harbor Bay Parkway, Suite 100, Alameda, California, 94501, April 1, 1996.
- Versar, 1997, Problem assessment report, Grapevine Maintenance Yard, Death Valley National Park: Private Consultant, Versar Inc., 1255 Harbor Bay Parkway, Suite 100, Alameda, California, 94501, May 5, 1997, 9 p.
- Vetter, U.R., 1984, Focal mechanisms and crustal stress patterns in western Nevada and eastern California: *Annales Geophysicae*, v. 2, no. 6, p. 699-710.
- Vincelette, R.R., 1964, Structural geology of the Mount Sterling quadrangle, Nevada, and related scale model experiments: Unpublished Ph.D. dissertation, Stanford University, Stanford, California, 141 p.
- Vittori, E., Michetti, A.M., Slemmons, D.B., et al., 1993, Style of recent surface deformation at the south end of the Owens Valley fault zone, eastern California: *Geological Society of America, Cordilleran Section, 89th annual meeting and Rocky Mountain Section, 46th annual meeting, Abstracts with Programs*, v. 25, p. 159.
- Vogel, T.A., Noble, D.C., and Younker, L.W., 1983, Chemical evolution of a high-level magma system - the Black Mountain volcanic center, southern Nevada: *Lawrence Livermore Laboratory Report UCRL - 53444*, 49 p.
- Vogel, T.A., Noble, D.C., and Younker, L.W., 1989, Evolution of a chemically zoned magma body - the Black Mountain volcanic center, Southwestern Nevada: *Journal of Geophysical Research*, v. 94, no. B5. (incomplete reference)
- Von Engel, O.P., 1932, The Ubehebe craters and explosion breccias in Death Valley: *Journal of Geology*, v. 40, p. 726-734.
- Vredenburg, L.M., 1982, Two-dimensional, steady-state model of ground-water flow, Nevada test site and vicinity, Nevada-California: Denver, CO, US Geological Survey, Water Resources Investigations Report 82-4085, 72 pages.
- Vredenburg, L.M., 1984, Hydrology of Yucca Mountain and vicinity, Nevada-California, investigation results through mid-1983, United States Geological Survey, United States Geological Survey Water-Resources Investigations Report 84-4267, 72 p. Available from OFSS, USGS, Box 25425, Lakewood, CO 80225.
- Vredenburg, L.M., 1988, Historical review of the economic geology of the Panamint Range and Valley, Inyo County, California Gregory, Jennifer L., and Baldwin, E. Joan, Editors, *Geology of the Death Valley region*, South Coast Geological Society, Inc., p. 376-385, 429 p.
- Vredenburg, L.M., 1988, Reconnaissance geologic map of parts of the Wingate Wash, Quail Mountains and Manly Peak quadrangles, Inyo and San Bernardino counties, southeastern California, California Department of Conservation, Division of Mines and Geology, California Division of Mines and Geology, Open-File Report, Extent unknown .
- Vrojlik, P.J., Cladouhos, T.T., Cowan, D.S., and Morgan, J.K., 1997, Importance of alteration reactions for the Death Valley fault zone: *Geological Society of America Abstracts with Programs*, v. 29, no. 6, p. A-258.

- Waananem, A.O., 1973, Floods from small drainage areas in California—A compilation of peak data October 1958 to September 1970: U.S. Geological Survey Open-File Report 71-313, 256 p.
- Waananem, A.O., and Crippen, J.R., 1977, Magnitude and frequency of floods in California: U.S. Geological Survey Water-Resources Investigations Report 77-21, 96 p.
- Waddell, R.K., Jr., 1982, Two-dimensional, steady-state model of ground-water flow, Nevada test site and vicinity, Nevada-California: U.S. Geological Survey Water Resources Investigations Report 82-4085, 72 p.
- Waddell, R.K., Jr., 1984, Hydrologic and drill-hole data for test wells UE-29A#1 ABD UE-29a#2, Fortymile Canyon, Nevada Test Site: U.S. Geological Survey Open-File Report 84-142, 25 p.
- Waddell, R.K., Jr., Robison, J.H., and Blankennagel, R.K., 1984, Hydrology of Yucca Mountain and vicinity, Nevada-California—Investigative results through mid-1983: U.S. Geological Survey Water-Resources Investigations Report 84-4267, 72 p., 5 maps.
- Wagner, D.L., 1963, Geology and ground water of the Amargosa Desert, Nevada-California: Carson City, NV, United States Geological Survey and the State of Nevada Department of Conservation and Natural Resources, Ground-Water Resources, Reconnaissance Series Report 14 400B, 45 p. + tables .
- Wagner, D.L., 1963, Ground-water resources of Amargosa Desert, Nevada-California: Carson City, NV, State of Nevada Department of Conservation and Natural Resources, Ground-Water Resources, Reconnaissance Series Report 14, Extent unknown .
- Wagner, D.L., 1986, Reconnaissance Geologic reconnaissance map of part of the Quail Mountains 15-minute quadrangle, California Division of Mines and Geology, unpublished.
- Wagner, D.L., 1988, Evidence for late Cenozoic extension across Wingate Wash, southwestern Death Valley region, Southeast California: Geological Society of America, Cordilleran Section, 84th annual meeting, Abstracts with Programs, v. 20, p. 240.
- Wagner, D.L., 1988, Evidence for Late Cenozoic extension across Wingate Wash, Death Valley region, southeastern California, *in* Geology of the Death Valley region: Gregory, J. L., and Baldwin, E. J., eds., South Coast Geological Society Annual Field Trip Guidebook p. 243-259.
- Wagner, D.L., and Hsu, E.Y., 1987, Reconnaissance geologic map of parts of the Wingate Wash and Manly Peak quadrangles, San Bernardino and Inyo Counties, California: California Division of Mines and Geology Open-file Report 87-10, scale 1:62,500. Features indicating Quaternary faulting added by A. M. Korzhentkov, 1995.
- Walcott, C.D., 1895, Lower Cambrian rocks in eastern California: American Journal of Science, v. 49, p. 142-144.
- Walcott, C.D., 1897, The Post-Pleistocene Elevation of the Inyo Range, and the Lake Beds of Waucobi Embayment, Inyo County, California, The Journal of Geology, v. 5, p. 340-348.
- Walcott, C.D., 1908, Cambrian sections of the Cordilleran area: Smithsonian Miscellaneous Collection, v. 53, p. 167-230.
- Walker C.T., ed., 1975, Geochemistry of Boron—Benchmark Papers in Geology/23: Stroudsburg, Pennsylvania, Dowden, Hutchinson, and Ross, 414 p.
- Walker, G.E., 1963, Geology and ground water of Amargosa Valley, Nevada and California: Unpublished Masters thesis, University of Oklahoma, Norman, Oklahoma. (incomplete reference)
- Walker, G.E., and Eakin, T.E., 1963, Geology and ground water of Amargosa Desert, Nevada-California: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Series Report 14, (incomplete reference)
- Walker, H., 1969, Death valley's geological yesteryears: Desert, v. 32, p. 12-15.
- Walker, J.D., and Coleman, D.S., 1987, Correlation of Mio-Pliocene rocks of the northern Panamint Mountains and Darwin Plateau—Implications for normal-fault development and the opening of Panamint Valley: Geological Society of America Abstracts with Programs, v. 19, no. 7, p. 878. T
- Walker, J.D., and Coleman, D.S., 1991, Geochemical constraints on mode of extension in the Death Valley region: Geology, v.19, p. 971-974.
- Walker, J.D., Black, R.A., Linn, J.K., et al., 1996, Development of an integrated geological and geophysical GIS database for the Indian Wells Valley area, California: Geological Society of America, 28th annual meeting, Abstracts with Programs, v. 28, p. 463.

- Walker, J.D., Hodges, K.V., Wernicke, B.P., et al., 1986, The relation of tilt geometry to extension direction: *Geological Society of America Abstracts with Programs*, v. 18, p.194-195.
- Walker, J.D., Klepacki, D.W., and Burchfiel, B.C., 1986, Late Precambrian tectonism in the Kingston Range, southern California: *Geology*, v. 14, p. 15-18.
- Wallace, R.E., 1984, Patterns and Timing of Late Quaternary Faulting in the Great Basin Province and Relation to Some Regional Tectonic Features: *Journal of Geophysical Research*, v. 89, no. B7, pp. 5763-5769.
- Wallace, R.E., Hill, D.P., Ryall, A.S., and Cockerham, R.S., 1983, Potential for Large Earthquakes in the Central Nevada-Eastern California Seismic Belt [abst.]: *Seismological Society of America, Earthquake Notes*, v. 54, p. 46-47.
- Wallis, O.L., 1959, Interpretation and protection of desert fishes of Death Valley National Monument, 11 p. (incomplete reference)
- Wallis, O.L., 1970, Selected bibliography: desert fishes and hydrology, Death Valley system. (incomplete reference)
- Wang, K.P., 1974, Boron, *in* *Minerals yearbook: U.S. Bureau of Mines preprint*, p. 1-5. (incomplete reference)
- Wang, Y., McDonald, E., Amundson, R., McFadden, L, and Chadwick O., 1996, An isotopic study of soils in chronological sequences of alluvial deposits, Providence Mountains, California: *Geological Society of America Bulletin*, v. 108, p. 379-391.
- Ward, F.N., Nakagawa, H.M., and Hunt, C.B., 1960, Geochemical investigation of molybdenum at Nevares Spring in Death Valley, California Short papers in the geological sciences, United States Geological Survey, United States Geological Survey Professional Paper 400-B, 515 p.
- Waring, C.A., 1917, Geological map of Inyo County, California, with a description of the geology and mines=Geologic map of Inyo County, California, with a description of the geology and mines: California State Min. Bur., California State Min. Bur. Maps No. 14, Extent unknown .
- Waring, G.A., 1915, Springs of California: U.S. Geological Survey Water-Supply Paper 338, 410 p.
- Waring, G.A., 1920, Ground water in Pahrump, Mesquite and Ivanpah Valleys, Nevada and California, *in* *Contributions to the hydrology of the United States: U.S. Geological Survey Water-Supply Paper 450-C*, p. C51-C86.
- Waring, G.A., 1965, Thermal springs of the United States and other contries of the world: U.S. Geological Survey Professional Paper 492. (incomplete reference)
- Waring, G.A., and Huguenin, E., 1919, Inyo County: California Mines Bureau Report 15, p. 89-90.
- Warke, Patricia Ann, 1994, Inheritance effects in the weathering of debris under hot arid conditions., Queen's University of Belfast (Northern Ireland); Ph.D.
- Warner, Edward M., 1971, Petrology and structural geology of igneous and metamorphic rocks, west side of Eureka Valley, Inyo County, California: Unpublished Masters thesis, University of California at Los Angeles. (incomplete reference)
- Warren, R.G., 1983, Geochemical similarities between volcanic units at Yucca Mountain and Pahute Mesa—Evidence for a common magmatic origin for volcanic sequences that flank the Timber Mountain caldera [abs.]: *EOS [Transactions of American Geophysical Union]*, v. 64, p. 896.
- Warren, R.G., and Broxton, D.E., 1986, Mixing of silicic and basaltic magmas in the Wahmonie formation, southwestern Nevada volcanic field, Nevada [abs.]: *EOS [Transactions of American Geophysical Union]*, v. 67, p. 1261.
- Warren, R.G., Byers, F.M., Jr., Broxton, D.E., Freeman, S.H., and Hagan, R.C., 1989, Phenocryst abundances and glass and phenocryst compositions as indicators of magmatic environments of large-v. ash-flow sheets in southwestern Nevada: *Journal of Geophysical Research*, v. 94, no. B5, p. 5987-6020.
- Warren, R.G., Byers, Jr., F.M., and Caporuscio, F.A., 1984, Petrography and mineral chemistry of units of the Tonopah Spring, Calico Hills and Crater Flat tuffs and older volcanic units, with emphasis on samples from drill hole USW G-1, Yucca Mountain, Nevada Test Site: Los Alamos National Laboratory Report LA-10003-MS, 78 p.
- Warren, R.G., McDowell, F.W., Byers, Jr., F.M., Broxton, D.E., Carr, W.J., and Orkild, P.P., 1988, Episodic leaks from Timber Mountain caldera—New evidence from rhyolite lavas of Fortymile Canyon, southwestern Nevada volcanic field: *Geological Society of America, Abstracts with Programs*, v. 20, p. 241.
- Warren, R.G., Sawyer, D.A., and Covington, H.R., 1989, Revised volcanic stratigraphy of the southwestern Nevada volcanic field, *in* *5th Symposium on containment of underground nuclear explosions: Lawrence Livermore National Laboratory*, v. 2, p. 387.
- Wasserburg, G.J., Wetherill, G.W. and Wright, L.A., 1959, Ages in the Precambrian terrane of Death Valley, California: *Journal of Geology*, v. 67, no. 6, p.702-708.

- Water and Environmental Systems Technology, Inc., and Stetson Engineers, Inc., 1994, Technical memorandum; development of initial data sets for the Department of Interior (DOI) detailed regional model of the carbonate-rock province of Nevada, Utah and adjacent states, 300 pp. maps; tabs.; figs.
- Water and Environmental Systems Technology, Inc., and Stetson Engineers, Inc., 1996, Application No. 62327 for permission to appropriate the public waters of the State of Nevada: analysis of potential impacts to water rights and water resources at Death Valley National Park and options for addressing the application: Fort Collins, CO, Water Rights Branch, Water Resources Division, National Park Service, 14 pages.
- Watkins, R.L., 1996, Water supply and water development potential for the proposed Timbisha Shoshone trust lands: Boulder City, NV, Bureau of Reclamation, 56 p.
- Watkins, Richard Lee, 1976, A new ostracod, *Potamocypris amargosa* sp.nov., and a new harpacticoid copepod, *Cletocamptus deitersi bispinosus* subsp.nov., with a discussion of *Cletocamptus* zoogeography and evolution [excepts], Tempe AZ, Arizona State University.
- Watson, P., Sinclair, P., and Waggoner, R., 1976, Quantitative evaluation of a method for estimating recharge to the desert basins of Nevada: *Journal of Hydrology*, v. 31, p. 335-357.
- Watt, D.E., 1996, Water supply and water development potential for the proposed Timbisha Shoshone trust lands: Bureau of Reclamation, Boulder City, Nevada, 55 p., 2 appendix.
- Wauer, R., 1959, Death Valley Climatological Report for Badwater. (incomplete reference)
- Waugh, B.J., 1984, Effects of stream diversion on Gower Gulch, 15 pp. maps. (incomplete reference)
- Wdowinski, S., and Axen, G.J., 1992, Isostatic rebound due to tectonic denudation—A viscous flow model of a layered lithosphere: *Tectonics*, v. 11, p. 303-315. (T)
- Webb, R.H., and Steiger, J.W., 1982, Primary plant succession on Mojave Desert debris flows., Abstracts with Programs Geological Society of America. April 19 1982-April 21 1982, p. 243.
- Webb, R.H., Steiger, J.W., and Newman, E.B., 1988, The response of vegetation to disturbance in Death Valley National Monument, California: *U.S. Geological Survey Bulletin* 1793, 103 p.
- Weeks, E.P., 1979, Barometric fluctuations in wells tapping deep unconfined aquifers: *Water Resources Research*, v. 15, no. 5, p. 1167-1176.
- Weeks, E.P., 1987, Effect of topography on gas flow in unsaturated fractured rock - concepts and observations, *in* Evans, D.D., and Nicholson, J.T., eds., *Flow and transport through unsaturated fractured rock: American Geophysical Union, Geophysical Monograph* 42, p. 165-170.
- Weeks, R.J., Smith, M., Pak, K., Li, W.-H., Gillespie, A.R., and Gustafson, W., 1996. Surface roughness, radar backscatter, and visible and near-infrared reflectance in Death Valley, California. *Journal of Geophysical Research*, no. E10, Planets, v. 101, p. 23,077-23,090. (I,G)
- Weeks, R.J., Smith, M.O., Pak, K., and Gillespie, A.R., 1997, Roughness of geologic surfaces from foreground/background analysis of SIR-C and AIRSAR data: *Remote Sensing of Environment*, v. 59, no. 2, p. 384- 397. I
- Weight, H.O., 1972, Twenty mule team days in Death Valley: Twenty-nine Palms, California, The Calico Press, 45 p.
- Welch, A.H., and Thomas, J.M., 1984, Aqueous geochemistry and isotope hydrology of the White River system, eastern Nevada]: *Geological Society of America, Abstracts with Programs*, v. 16, no. 6, p. 689.
- Welch, A.H., and Williams, R.P., 1987, Data on ground-water quality for the western Nevada part of the Death Valley 1° x 2° Quadrangle: *U.S. Geological Survey Open-File Report* 85-648-M, 1 sheet and data chart.
- Welles, R.E., and Welles, F.B., 1959, Preliminary study of wildlife water sources in Death Valley National Monument: Consultants Report. (incomplete reference)
- Welles, R.E., and Welles, F.B., 1967, The status of feral burros and wildlife water sources in Death Valley National Monument: Consultants Report, 65 p. (incomplete reference)
- Wells, J.F., 1981, Geographic distribution of butterflies and moths: field summary for Death Valley National Monument. (incomplete reference)
- Wells, J.F., and Brown, R.M., 1979, Geographic distribution of butterflies and moths: field summary for Death Valley National Monument. (incomplete reference)

- Wells, P.V., 1983, Paleobiogeography of montane islands in the Great Basin since the last glaciopluvial: *Ecological Society of America, Ecological Monographs*, v. 53, no. 4, p. 341-380.
- Wells, P.V., and Woodcock, D., 1985, Full-glacial vegetation of Death Valley, California—Juniper woodland opening to yucca semidesert: *Madrono*, v. 32, p. 11-23.
- Wells, R.E., and Hillhouse, J.W., 1978, Mineral report for the unpatented placer mining claims, Boraxo No. 6, Boraxo No 7, and McGee Placer owned by U.S. Borax and Chemical Corporation in Death Valley National Monument, Inyo County, California, National Park Service, 16+ pages.
- Wells, R.E., and Hillhouse, J.W., 1978, Mineral report on Americal Borate Company unpatented lode mining claims and millsites, Death Valley National Monument, Inyo County, California, National Park Service, 55 pages.
- Wells, R.E., and Hillhouse, J.W., 1978, Special report on borate resources: a supply and marketing study: San Francisco, CA, Mining and Minerals Division, National Park Service, 138 p.
- Wells, R.E., and Hillhouse, J.W., 1978, Special report on talc resources: a supply and marketing study: San Francisco, CA, Mining and Minerals Division, National Park Service, 51 p.
- Wells, R.E., and Hillhouse, J.W., 1989, Paleomagnetism and tectonic rotation of the lower Miocene Peach Springs Tuff, Colorado Plateau, Arizona, to Barstow, California: *Geological Society of America Bulletin*, v. 101, p. 846-863.
- Wells, S.G., Anderson, K.C., Anderson, D.E., Williamson, T., and Enzel, Y., 1997, Geomorphic and sedimentologic responses to Late Quaternary hydrologic events: implications for paleo-precipitation regimes across the hyperarid Mojave River drainage basin of Southern California, USA, *in* Fourth International Conference on Geomorphology : International Association of Geomorphologists, Comitato Glaciologico Italiano, Torino, Bologna, Italy, p. 402..
- Wells, S.G., Anderson, R.Y., Enzel, Y. and Brown, W., 1987, Late Quaternary climatic changes and hydrologic evolution of the Mojave River drainage basin, California [abs]. *EOS*, v. 68, p. 1270.
- Wells, S.G., Anderson, R.Y., McFadden, L.D., Brown, W.J., Enzel, Y. and Miossec, J., 1989, Late Quaternary Paleohydrology of the Eastern Mojave River Drainage, Southern California—Quantitative Assessment of the Late Quaternary Hydrologic Cycle in Large Arid Watersheds: New Mexico State University, Las Cruces New Mexico Water Resources Research Institute Technical Completion Report 242, 14-08-0001-G1312. (incomplete reference)
- Wells, S.G., Brown, W.J., Enzel, Y., Anderson, R.Y., and McFadden, L.D., 1994, A brief summary of the late Quaternary history of pluvial Lake Mojave, eastern California, *in* McGill, S.F., and Ross, T.M., eds., *Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook*, p. 182-188.
- Wells, S.G., Dohrenwend, J.C., McFadden, L.D., Turrin, B.D., and Mahrer, K.D., 1984, Types and rates of late Cenozoic geomorphic processes on lava flows of the Cima volcanic field, Mojave Desert, *in*, Dohrenwend, J.C., ed., *Surficial geology of the eastern Mojave Desert, California: Geological Society of America Annual Meeting Fieldtrip Guidebook, Field Trip No. 14*, p. 116-133.
- Wells, S.G., McFadden, L.D., and Dohrenwend, J.C., 1987, Influence of late Quaternary climatic changes on geomorphic and pedogenic processes on a desert piedmont, eastern Mojave Desert, California: *Quaternary Research*, v. 27, p. 130-146.
- Wells, S.G., McFadden, L.D., and Harden, J., 1990, Preliminary results of age estimations and regional correlations of Quaternary alluvial fans within the Mojave Desert of southern California, *in* Reynolds, R.E., Wells, S.G., and Brady, R.H., III, eds., *At the end of the Mojave—Quaternary studies in the eastern Mojave Desert: Redlands, California, San Bernardino County Museum Association*, p. 45-54.
- Wells, S.G., McFadden, L.D., Dohrenwend, J.C., Bullard, T.F., Feilberg, B.F., Ford, R.L., Grimm, J.P., Miller, J.R., Orbock, S.M., and Pickle, J.D., 1984, Late Quaternary geomorphic history of Silver Lake, eastern Mojave Desert, California—An example of the influence of climatic change on desert piedmonts, *in* Dohrenwend, J.C., ed., *Surficial geology of the eastern Mojave Desert, California: Geological Society of America Annual Meeting Fieldtrip Guidebook, Field Trip No. 14*, p. 69-87.
- Wells, S.G., McFadden, L.D., Olinger, C.T., and Poths, J., 1994, Use of cosmogenic ³He to understand desert pavement formation, *in* McGill, S.F., and Ross, T.M., eds., *Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook*, p. 201-205.
- Wells, S.G., McFadden, L.D., Poths, J., and Olinger, C.T., 1995, Cosmogenic He surface-exposure dating of stone pavements: Implications for landscape evolution in deserts: *Geology*, v. 23, p. 613-616.
- Wells, S.G., McFadden, L.D., Renault, C.E., and Crowe, B.M., 1990, Geomorphic assessment of late Quaternary volcanism in the Yucca Mountain area, southern Nevada—Implications for the proposed high-level radioactive waste repository: *Geology*, v. 18, p. 549-553.

- Wells, S.G., McFadden, L.D., Renault, C.E., and Crowe, B.M., 1991, Reply—Geomorphic assessment of late Quaternary volcanism in the Yucca Mountain area, southern Nevada—Implications for the proposed high-level radioactive waste repository: *Geology*, v. 19, p. 661-662.
- Wells, S.G., Tinsley, J.C., McFadden, L.D., and Lancaster, N., 1994, Quaternary stratigraphy and dating methods: Understanding geologic processes and landscape evolution in southern California, *in* McGill, S.F., and Ross, T.M., eds., *Geological investigations of an active margin: Geological Society of America, Cordilleran Section Fieldtrip Guidebook*, p. 120-213.
- Wendel, C., 1978, Special report on talc resources, a supply and marketing study, Death Valley National Monument: National Park Service, Mining and Minerals Division, Washington Office, 51 p.
- Wenk, H.R. and Zenger, D.H., 1983, Sequential basal faults in Devonian dolomite, Nopah Range, Death Valley area, California: *Science*, v. 222, p. 502-504.
- Went, F.W., Wheeler, J., and Wheeler, G.C., 1972, Feeding and digestion in some ants (*Veromessor* and *Manica*): *BioScience*, v. 22, no. 2, p. 82-88.
- Werle, J.L., Alford, D.E., Santo, D.S., et al., 1996, Modelling of the La Modre Mountain rockslide, Clark County, Nevada, evidence for Recent ground shaking in the Las Vegas area: Sacramento, California, Association of Engineering Geologists 1995 annual meeting, v. 39, p. 54.
- Wermund., E.G., 1971. Remote sensors for hydrogeologic prospecting in arid terrains. *IEEE Transactions on Geoscience Electronics* GE-9, v. 3, p. 120-130. (I,H)
- Wernicke, B.P., 1981, Low-angle normal faults in the Basin and Range province—Nappe tectonics in an extending orogen: *Nature*, v. 291, p. 645-648. T
- Wernicke, B.P., 1982, Comment on “Mesozoic evolution, hinterland of the Sevier orogenic belt” by R.W. Allmendinger and T.E. Jorda *Geology*, v. 10, p. 3-5. (T)
- Wernicke, B.P., 1983, Extensional tectonics: *Yearbook of Science and Technology*, McGraw-Hill, New York, p. 168-170.
- Wernicke, B.P., 1985, Uniform-sense normal simple shear of the continental lithosphere: *Canadian Journal of Earth Sciences*, v. 22, no. 1, p. 108-125. T
- Wernicke, B.P., 1988, On the role of isostasy in the evolution of normal fault systems: *Geology*, v. 16, p. 848-861.
- Wernicke, B.P., 1990, Basin and range extensional tectonics near the latitude of Las Vegas, Nevada: *Geological Society of America Memoir* 176, 500 p., plates.
- Wernicke, B.P., 1990, The fluid crustal layer and its implications for continental dynamics, *in* Salisbury, M. and Fountain, D., eds., *Exposure Cross Sections of the Continental Crust: Kluwer Academic Publishers, Dordrecht, Holland, NATO Advanced Studies Institute, Series* v. 317, p. 509-544. (T)
- Wernicke, B.P., 1992, Cenozoic extensional tectonics of the U.S. Cordillera, *in* Burchfiel, B.C., Lipman, P.W., and Zoback, M.L., eds., *The Cordilleran Orogen, The geology of North America, conterminous U.S.:* Geological Society of America, v. G3, p. 553-581. T()
- Wernicke, B.P., 1993, A new measurement of Cenozoic crustal extension across the central Death Valley region, Basin and Range Province: *Geological Society of America, 1993 annual meeting, Abstracts with Programs*, v. 25, p. 352.
- Wernicke, B.P., 1995, Low-angle normal faults and seismicity—A review: *Journal of Geophysical Research*, v. 100, no. B10, p. 20,159-20,174. T()
- Wernicke, B.P., and 18 others, 1996, Origin of high mountains in the continents—The southern Sierra Nevada, *Science*, v. 271, p. 190-199. (G)
- Wernicke, B.P., and Axen, G.J., 1988, On the role of isostasy in the evolution of normal fault systems: *Geology*, v. 16, p. 848-851.
- Wernicke, B.P., and Bartley, J.M., 1985, Reply to Comment on “The Snake Range decollement interpreted as a major extensional shear by Gans, P.B., and Miller, E.L.: *Tectonics*, v. 4, p. 417-419. (T)
- Wernicke, B.P., and Burchfiel, B.C., 1982, Modes of extensional tectonics: *Journal of Structural Geology*, v. 4, p. 105-115. T
- Wernicke, B.P., and Davis, J., 1995, Faulting in the Yucca Mountain region—Critical review and analyses of tectonic data from the central Basin and Range: *Center for Nuclear Waste Regulatory Analyses, San Antonio, Texas, CNWRA 95-017*, p. 4-4 - 4-15.

- Wernicke, B.P., and Davis, J., 1995, The nuclear regulatory commission/Caltech/Smithsonian global positioning system survey, *Section 4.3 in Faulting in the Yucca Mountain region: critical review and analyses of tectonic data from the central basin and range*, Prepared for Nuclear Regulatory Commission by Center for Nuclear Waste Regulatory Analyses, pages 4-4 - 4-15 .
- Wernicke, B.P., and Getty, S., 1997, Intracrustal subduction and gravity currents in the deep crust—Sm-Nd, Ar-Ar and thermobarometric constraints from the Skagit Gneiss complex, Washington: *Geological Society of America Bulletin*, v. 109, p. 1149-1166. (C)
- Wernicke, B.P., and Snow, J.K., 1998, Cenozoic tectonism in the central Basin and Range: Motion of the Sierran-Great Valley Block: *International Geology Review*, v. 40, p. 403-410. (T)
- Wernicke, B.P., Axen, G.J., and Snow, J.K., 1988, Basin and Range extensional tectonics at the latitude of Las Vegas, Nevada: *Geological Society of America Bulletin*, v. 100, p. 1738-1757.
- Wernicke, B.P., Axen, G.J., and Snow, J.K., 1990, Reply (to discussion on "Basin and Range extensional tectonics at the latitude of Las Vegas" by Corbett, K.): *Geological Society of America Bulletin*, v. 102, p 269-270.
- Wernicke, B.P., Bennett, R.A., Davis, J.L., Niemi, N.A., House, M.A., Abolins, M.A. and Brady, R.J., 1998b, Building large-scale continuous GPS networks: EOS (Transactions of the American Geophysical Union), v. 79, no. 45, p. F206. (N)
- Wernicke, B.P., Christiansen, R.L., England, P.C., and Sonder, L.J., 1987, Tectonomagmatic evolution of Cenozoic extension in the N American Cordillera: *Geological Society Special Publication*, v. 28, p. 203-221. (T)
- Wernicke, B.P., Davis, J.L., Bennett, R.A., Elósegui, P., Abolins, M., Brady, R.J., House, M.A., Niemi, N.A., and Snow, J.K., 1998 Anomalous strain accumulation in the Yucca Mountain area, Nevada: *Science*, v. 279, p. 2096-2100. (N)
- Wernicke, B.P., Geologic map of the Tucki Mountain area, Panamint Mountains, Inyo County, California, scale 1: 24,000, unpublished (incomplete reference)
- Wernicke, B.P., Guth, P.L., and Axen, G.J., 1984, Tertiary extensional tectonics in the Sevier thrust belt of southern Nevada, in Lintz, ed., *Western Geological Excursions: Mackay School of Mines, University of Nevada, Reno, Nevada, Geological Society of America Cordilleran Section, Field Trip Guidebook*, p. 473-510. (M,T)
- Wernicke, B.P., Hodges, K.V. and Walker, J.D., 1993, Structural constraints on Neogene tectonism in the southern Great Basin, *in* Lah M., Trexler, J. H., and Spinosa, Claude, eds., *Crustal Evolution of Great Basin and the Sierra Nevada*, Field trip guidebook for th meeting of the Cordilleran/Rocky Mountain Sections of the Geological Society of America, Reno, Nevada, scale of accompanyin about 1:140,000.
- Wernicke, B.P., Hodges, K.V., and Walker, J.D., 1986, Geological setting of the Tucki Mountain area, Death Valley National Monument, California, *in* Dunne, G.C., ed., *Mesozoic and Cenozoic structural evolution of selected areas, east-central California* (Geological Society of America Cordilleran Section meeting guidebook, field trips 2 and 14): Los Angeles, California State University, p. 67-80. S, T
- Wernicke, B.P., J.K. Snow, K.V. Hodges, and J.D. Walker, J.D., 1993, Structural constraints on Neogene tectonism in the southern Gr Basin, in Lahren, M.M., and others, eds., *Crustal Evolution of the Great Basin and the Sierra Nevada: Mackay School of Mines, University of Nevada, Reno, Nevada, Geological Society of America, Cordilleran Section, Field Trip Guidebook*, p. 453-479. (M,T)
- Wernicke, B.P., Snow, J.K., and Walker, J.D., 1988, Correlations of early Mesozoic thrusts in the southern Great Basin and their possible indication of 250-300 km of Neogene crustal extension, *in* Weide, D. L., and Faber, M. L., Editors, *This extended land—Geological journeys in the southern Basin and Range: Geological Society of America, Cordilleran Section, field trip guide: Las Vegas, NV, University of Nevada at Las Vegas Geosciences Department, University of Nevada at Las Vegas Geosciences Department Special Publication 2*, p. 255-268, Extent unknown.
- Wernicke, B.P., Snow, J.K., Axen, G.J., Burchfiel, B.C., Hodges, K.V., Walker, J.D., and Guth, P.L., 1989, Extensional tectonics in the Basin and Range Province between the southern Sierra Nevada and the Colorado Plateau: *American Geophysical Union, Washington D.C., The Basin and Range Province of Southern Nevada and Southeastern California, June 30-July 7, 1989, 28th International Geological Congress Meeting Field Trip Guidebook T 138*, 75 p. Moscow. T
- Wernicke, B.P., Snow, J.K., Hodges, K.V., and Walker, J.D., 1993, Structural constraints on Neogene tectonism in the southern Great Basin, *in* Lahern, M.M., Trexler, J.H., Jr., and Spinosa, C., eds., *Crustal evolution of the Great Basin and the Sierra Nevada: Geological Society of America, Cordilleran/Rocky Mountain Sections Meeting Fieldtrip Guidebook, Department of Geological Sciences, University of Nevada at Reno*, p. 453-479.
- Wernicke, B.P., Spencer J.E., Burchfiel, B.C., and Guth, P.L., 1982, Magnitude of crustal extension in southern Great Basin: *Geology*, v.10, p. 499-500.

- Wernicke, B.P., Spencer, J.E., and Guth, P.L., 1983, Reply to Comment on "Magnitude of crustal extension in the southern Great Basin, F. Royce: *Geology*, v. 11 . (incomplete reference)
- Wernicke, B.P., Walker, J.D., and Beaufait, M.S., 1985, Structural discordance between Neogene detachments and frontal Sevier thrusts, Mormon Mountains, southern Nevada: *Tectonics*, v. 4, p. 213-246. (M,T)
- Wernicke, B.P., Walker, J.D., and Hodges, K.V., 1986, Geologic evolution of Tucki Mountain and vicinity, central Panamint Range, *in* Dunne, G.C., ed., *Mesozoic-Cenozoic structural evolution of selected areas, east-central California: Geological Society of America, Cordilleran Section, Field Trip 2 Guidebook*, p. 67-80.
- Wernicke, B.P., Walker, J.D., and Hodges, K.V., 1988, Field guide to the northern part of the Tucki Mountain fault system, Death Valley region, California, *in* Weide, D. L., and Faber, M. L., Editors, *This extended land—Geological journeys in the southern Basin and Range: Geological Society of America, Cordilleran Section, field trip guidebook: Las Vegas, NV, University of Nevada at Las Vegas Geosciences Department, University of Nevada at Las Vegas Geosciences Department Special Publication 2*, p. 58-63, Extent (of whole) unknown.
- Wernicke, B.P., Walker, J.D., and Hodges, K.V., 1988, Hanging wall evolution of the Tucki Mountain detachment system, Death Valley region, southeastern California [Abstract]: *Geological Society of America, Abstracts With Programs*, v. [in press].
- Wernicke, B.P., Snow, J.K., Axen, G.J., 1989, and others, 1998, Ground water resource issues of Death Valley National Park related to Timbisha Shoshone proposed reservations, 106 pages.
- Wernicke, B.P., Snow, J.K., Axen, G.J., 1989, and others, 28th International Geological Congress field trip guide to tensional tectonics in the Basin and Range Province between the southern Sierra Nevada and the Colorado Plateau PU Death Valley National Monument, p. various, photos.
- Wertz, W.E., 1982, Stratigraphy and sedimentology of the Stirling Quartzite, Death Valley area, California and Nevada, *in* Cooper, John D., Troxel, Bennie W., and Wright, Lauren A., Editors, *Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook for field trip no. 9, 78th Anniversary Meeting of Cordilleran Section, Geological Society of America, Death Valley Publishing Company*, p. p. 165-170.
- Wertz, W.E., 1993, Water-resources data for the Devils Hole area, Nye County, Nevada, July 1978 - September 1988, United States Geological Survey, United States Geological Survey Open-File Report 90-381, 13 pages.
- Wertz, W.E., 1996, Selected ground-water data for Yucca Mountain Region, Southern Nevada and Eastern California, through December 1994: Carson City, NV, US Geological Survey, Open-File Report 96-205, 73 pages.
- Wesling, J.R., Bullard, T.F., Swan, F.H., Perman, R.C., Angel, M.M., and Gibson, J.D., 1992, Preliminary mapping of surficial geology of Midway Valley, Yucca Mountain, Nye County, Nevada: Sandia National Laboratory Report SAND91-0607, 56 p 5 pls.
- Wesling, J.R., Swan, F.H., Bullard, T.F., and Thomas, A.P., 1993, Surficial geologic map of Midway Valley, Yucca Mountain area, Nye County, Nevada: Report from Geomatrix to U.S. Geological Survey, 15 p., 2 pls., 1:6000 scale.
- Wesnousky, S.G., 1986, Earthquakes, Quaternary faults and seismic hazards in California: *Journal of Geophysical Research*, v. 91, no. B12, p. 12587-12631.
- West, R.B., and Wilson, D.S., 1993, Quaternary tilt of Death Valley determined from landform modelling of alluvial fans: *Geological Society of America, Cordilleran Section, 89th annual meeting, and Rocky Mountain Section, 46th annual meeting*, 25, 163.
- Westenburger, C.L., 1993, Water-resources data for the Devils Hole area, Nye County, Nevada, July 1978-September 1988: U.S. Geological Survey Open-File Report 90-381, 13 p.
- Westenburger, C.L., and La Camera, R.J., 1996, Selected ground-water data for Yucca Mountain region, southern Nevada and eastern California, through 1994: U.S. Geological Survey Open-File Report 96-205, 19 p., 13 figures, 10 tables.
- Westphal, W., 1987, Current status of Devils Hole, *in* Pister, Edwin P., Editor, *Proceedings of the Desert Fishes Council: the sixteenth - eighteenth annual symposia, Universidad Autonoma de San Luis Potosi (1984), Death Valley National Monument (1985), St. George UT (1986), 1984*, p. 252.
- Wetherbee, P., 1948, Late Precambrian-Cambrian stratigraphic cross section through southern Nevada, *Nevada Univ. Bull., Geology and Mining Ser. 47*, 58 p.
- Wetherbee, P., 1965, Geochemistry of ground water associated with tuffaceous rocks, Oasis Valley, Nevada, United States Geological Survey, United States Geological Survey Professional Paper 712-E, 25 pages.
- Wetherbee, P., 1983, Wheelock, W., On the formation of Death Valley Monument, 9 pp.

- Wetherbee, P., 1986, An analysis of the Quaternary faults of the Badwater Turtleback, Death Valley, California, 13 pp. ill.; graphs; maps.
- Whelan, J.F., Moscati, R.J., Allerton, S.B.M., and Marshall, B.D., 1996, Applications of isotope geochemistry to the reconstruction of Yucca Mountain paleohydrology: Milestone Report 3GQH257M to DOE-YMPSCO. (incomplete reference)
- Whelan, J.F., Vaniman, D.T., Stuckless, J.S., and Moscati, R.J., 1994, Paleoclimatic and paleohydrologic records from secondary calcite: Yucca Mountain: Proceedings of the Fifth International High-level Radioactive Waste Management Conference, American Society of Civil Engineers, v. 4, p. 2738-2745.
- Whetten, John T., 1959, Geology of the central part of the Soldier Pass quadrangle, Inyo County, California: Unpublished Masters Thesis, University of California at Berkeley. (incomplete reference)
- White, A.F., 1979, Geochemistry of ground water associated with tuffaceous rocks, Oasis Valley, Nevada: U.S. Geological Survey Professional Paper 712-E, p. E1-E25.
- White, A.F., and Chuma, N.J., 1987, Carbon and isotope mass balance models of Oasis Valley-Fortymile Canyon groundwater basin, southern Nevada: *Water Resources Research*, v. 23, no. 4, p. 571-582.
- White, C., 1940, Antimony deposits of the Wildrose Canyon area, Inyo County, California: Washington, D.C., United States Geological Survey, Strategic Minerals Investigations 1940, Extent unknown [of whole bulletin] .
- White, C., 1984, Alluvial fan sedimentation as affected by normal faulting in a tectonically active area: Death Valley, CA, 27 pp. ill.; maps.; graphs; photos.
- White, D.E., 1940, Antimony deposits of the Wildrose Canyon area, Inyo County, California: U.S. Geological Survey Bulletin 922-K. (incomplete reference)
- White, D.E., 1957, Thermal waters of volcanic origin: *Geological Society of America Bulletin*, v. 68, p. 1637-1658.
- White, D.E., Hem, J.D., and Waring, G.A., 1963, Data of geochemistry—Chapter F, Chemical composition of subsurface waters: U.S. Geological Survey Professional Paper 440-F, 67 p.
- White, L.D., 1980, A Study Of Feral Burros In Butte Valley, Death Valley National Monument., Univ. Nev. (Las Vegas); M.S.
- White, W.B., 1969, Conceptual models for carbonate aquifers: *Ground Water*, v. 7, no. 3, p. 15-21.
- Whitehead, J.M., and McMinn, A., 1997, Paleodepth determination from Antarctic benthic diatom assemblages: *Marine Micropaleontology*, v. 29, p. 301-318.
- Whitfield, J.E., 1887, Analyses of some natural borates and borosilicates: *American Journal of Science*, v. 34, p. 281-287.
- Whitfield, M.S., Jr., Eshom, E.P., Thordarson, W., and Schaefer, D.H., 1985, Geohydrology of rocks penetrated by test well USW H-4, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 85-4030, 33 p.
- Whitfield, M.S., Jr., Thordarson, W., and Eshom, E.P., 1984, Geohydrologic and drill-hole data for test well USW H-4, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 84-449, 39 p.
- Whitfield, M.S., Jr., Thordarson, W., Hammermeister, D.P., and Warner, J.B., 1990, Drilling and geohydrologic data for Test Hole USW UZ-1, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 90-354, 40 p.
- Whitney, D.L., Hirschmann, M., and Miller, M.G., 1993, Zincian ilmenite-ecandrewsite from a pelitic schist, Death Valley, California, and the paragenesis of (Zn,Fe)TiO₃ solid solution in metamorphic rocks: *Canadian Mineralogist*, v. 31, p. 425-436.
- Whitney, J.D., 1868, On the depression of Death Valley: *Proceedings of the California Academy of Sciences (1907)*, v. 3, p. 129-376.
- Whitney, J.D., 1872, The Owens Valley earthquake: *Overland Monthly*, v. 9, no. 8, p. 130-140 and no. 9, p. 266-278. Reprinted in Goodyear, W.A., Eighth Annual Report of the State Mineralogist, California State Mining Bureau, 1888, p. 288-309.
- Whitney, J.W., and Harrington, C.D., 1993, Relict colluvial boulder deposits as paleoclimatic indicators in the Yucca Mountain region, southern Nevada: *Geological Society of America Bulletin*, v. 105, p. 1008-1018.
- Whitney, J.W., and Muhs, D.R., 1991, Quaternary movement on the Paintbrush Canyon-Stagecoach Road fault system, Yucca Mountain, Nevada: *Geological Society of America Abstract with Programs*, v. 23, no. 5, p. A119.
- Whitney, J.W., and Shroba, R.R., 1991, Comment: Geomorphic assessment of late Quaternary volcanism in the Yucca Mountain area, southern Nevada—Implications for the proposed high-level radioactive waste repository: *Geology*, v. 19, p. 661.

- Whitney, J.W., Swadley, W.C., and Shroba, R.R., 1985, Middle Quaternary sand ramps in the southern Great Basin, California and Nevada: Geological Society of America, Abstracts with Programs, v. 17, no. 7, p. 750.
- Wigand, Peter, and Rhode, David, 1997?, Late Quaternary climates and Great Basin vegetation and aquatic history: Quaternary Science Center, Desert Research Institute, University of Nevada at Reno. (incomplete reference)
- Wilde, G.R., 1980(1981), Temperature, Salinity And The Taxonomy Of The Death Valley Pupfishes (Cyprinodon.: Proc. Desert Fishes Council., v. 12, p. 131. (incomplete reference)
- Wilhelms, Don Edward, 1963, Geology of part of the Nopah and Resting Spring Ranges, Inyo County, California: Unpublished Ph.D. dissertation, University of California at Los Angeles, 224 p.
- Wilkerson, G., Reynolds, R.E., Lawler, D., and Nafus, B., Fossil resources associated with Federal Lands in California: San Bernardino County Museum Association Quarterly, v. 42, no. 4, p. 11-18.
- Williams, E.G., Wright, L.A., and Troxel, B.W., 1974, Depositional environments of the late Precambrian Noonday Dolomite, southern Death Valley region, California: Geological Society of America, Abstracts with Programs, v. 6, no. 3, p. 276.
- Williams, E.G., Wright, L.A., and Troxel, B.W., 1974, The Noonday Dolomite and equivalent stratigraphic units, Southern Death Valley Region, California, *in* Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 73-78.
- Williams, E.G., Wright, L.A., and Troxel, B.W., 1976, The Noonday Dolomite and equivalent stratigraphic units, Southern Death Valley Region, California, *in* Troxel, B.W., and Wright, L.A., eds., Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 45-49.
- Williams, J.E., and Deacon, J.E., 1987, Who's minding the pool: on the subspecific identity of the pupfish in Crystal Spring, Ash Meadows, NV [Abstract]W, *in* Pister, Edwin P., Editor, Proceedings of the Desert Fishes Council: the sixteenth - eighteenth annual symposia, Universidad Autonoma de San Luis Potosi (1984), Death Valley National Monument (1985), St. George UT (1986), 1984, p. page 178.
- Williams, J.E., Kobetich, G.C., and Benz, C.T., 1981, Management aspects of relict populations inhabiting the Amargosa Canyon ecosystem. (incomplete reference)
- Williams, J.E., Kobetich, G.C., and Benz, C.T., 1989, Death Valley fault zone, Inyo and San Bernardino Counties, California, California Department of Conservation, Division of Mines and Geology, 17 pages.
- Williams, J.E.A.B.C.B., 1975, Observations On Salt Creek Pupfish Mortality During A Flash Flood.: Calif. Fish Game, v. 1, p. 57-59.
- Williams, J.E.A.B.C.B., 1989, Observations On Salt Creek Pupfish Mortality During A Flash Flood.: Calif. Fish Game, v. 75, no. 1, p. 57-59.
- Williams, James D., 1965, Variability study of carbonate rocks in Lost Burro Gap, Panamint Mountains, Death Valley, California: Unpublished Masters thesis, Pomona College, Claremont, California. (incomplete reference)
- Williams, O., 1994, Guidelines for protesting water right applications in Nevada, in the same general area as proposed appropriations by the Las Vegas Valley Water District, and recommended modifications in the guidelines: March 1, 1994 Memorandum from Owen Williams, Chief, Water Rights Branch, Water Resources Division, National Park Service, to Superintendents of Lake Mead National Recreation Area, Great Basin National Park and Death Valley National Monument, 5 p.
- Williams, O.R., Albright, J.S., Christensen, P.K., Hansen, W.R., Hughes, J.C., Johns, A.E., McGlothlin, D.J., Pettee, C.W., and Ponce, S.L., 1994, Water rights and the Devil's Hole Pupfish at Death Valley National Monument, *in* Halvorson, William, and Davis, Gary, eds., Science and ecosystem management in the National Parks: University of Arizona Press, Tucson, Arizona, p. 162-183.
- Willis, D.K., 1991, The southern Death Valley fault zone—A study of Plio-Pleistocene folding along a strike-slip system in the vicinity of the Noble Hills, California: (incomplete reference)
- Wills, C.J., 1989, A neotectonic tour of the Death Valley Fault zone: State of California, Division of Mines and Geology, California Geology, September 1989, v. 42, no. 9, p. 195-200.
- Wills, C.J., 1989, Death Valley fault zone, Inyo and San Bernardino Counties, California: California Department of Conservation, Division of Mines and Geology Fault Evaluation Report FER-204, map scale 1:62,500, 17 p. N
- Wills, C.J., 1996, Liquefaction in the California desert—An unexpected geologic hazard: California Geology, v.49, no. 2, p. 31-35.

- Wilson, D.H., Reginato, R.J., and Hollett, K.J., 1992, Evapotranspiration measurements of native vegetation, Owens Valley, California, June 1986: U.S. Geological Survey Water-Resources Investigations Report 91-4159, 83 p.
- Wilson, D.V., 1975, Geophysical investigation of the subsurface structure of Deep Springs Valley, California: Los Angeles, University of California, M.S. thesis, 65 p. T
- Wilson, J.L., 1976, Geology and engineering aspects of Boraxo pit, Death Valley, California: Unpublished MS Thesis, University of Southern California, Los Angeles, California, 95 p.
- Wilson, J.L., and Emmons, D.L., 1977, Origin and configuration of the oxidized zone in Tertiary formations, Death Valley region, California: *Geology*, v. 5, no. 11, p. 696-698.
- Wilson, L.K., 1943, Tungsten deposits of the Darwin Hills, Inyo County, California: *Economic Geology*, v. 38, p. 543-560.
- Winograd, I.J. and Coplen, T.B., 1989, Great Basin calcite vein and the Pleistocene time scale: *American Association for the Advancement of Science*, October 13, 1989, v. 246, p. 262-263.
- Winograd, I.J., 1962, Interbasin movement of ground water at the Nevada Test Site, Nevada, *in* Short papers in geology and hydrology: U.S. Geological Survey Professional Paper 450-C, p. C108-C111.
- Winograd, I.J., 1962, Interbasin movement of ground water at the Nevada Test Site, Nevada [preliminary], United States Geological Survey, United States Geological Survey Reports TEI-807, 12 p.
- Winograd, I.J., 1963, A summary of the ground-water hydrology of the areas between the Las Vegas Valley and the Amargosa Desert, Nevada with special reference to the effects of possible new withdrawals of ground-water: U.S. Geological Survey, TEI-840, 79 p.
- Winograd, I.J., 1971, Hydrogeology of ash flow tuff—A preliminary statement: *Water Resources Research*, v. 7, no. 4, p. 994-1006.
- Winograd, I.J., 1971, Origin of major springs in the Amargosa desert of Nevada and Death Valley, California: *Dissertation Abstracts International, Section B, The Sciences and Engineering*, v. 32, p. 1691B-1692B.
- Winograd, I.J., 1971, Origin of major springs in the Amargosa Desert of Nevada and Death Valley, California, Tucson AZ, University of Arizona.
- Winograd, I.J., 1974, Carbon-14 evidence for possible regional dispersion in a thick fractured carbonate aquifer: *Geological Society of America Abstracts with Programs, Abstracts with Programs*, v. 6, p. 1008-1009.
- Winograd, I.J., and Doty, G.C., 1980, Paleohydrology of the southern Great Basin, with special reference to water table fluctuations beneath the Nevada Test Site during the late(?) Pleistocene: U.S. Geological Survey Open-File Report 80-569, 91 p.
- Winograd, I.J., and Eakin T.E., 1965, Interbasin movement of ground water in south central Nevada—The evidence, *in* Abstracts for 1964: Geological Society of America Special Paper 82, p. 227.
- Winograd, I.J., and Eakin, T.E., 1986, Water-Table Decline in the South-Central Great Basin During the Quaternary Period: Implications for Toxic-Waste Disposal. Available from Books and Open File Report Section, USGS, Box 25425, Denver, CO 80225.
- Winograd, I.J., and Friedman, I., 1969, Delineation of regional ground-water flow system using deuterium, Eastern Great Basin, Nevada: *Geological Society of America, Abstracts with Programs*, no. 7, p. 239-240. (incomplete reference)
- Winograd, I.J., and Friedman, I., 1972, Deuterium as a tracer of regional ground-water flow, southern Great Basin, Nevada and California: *Geological Society of America Bulletin*, v. 83, no. 12, p. 3691-3708.
- Winograd, I.J., and Pearson, F.J., Jr., 1976, Major carbon 14 anomaly in a regional carbonate aquifer, possible evidence for megascale channeling, South central Great Basin: *Water Resources Research*, v.12, no. 6, p.1125-1143.
- Winograd, I.J., and Riggs, A.C., 1984, Recharge to the Spring Mountains, Nevada, isotopic evidence: *Geological Society of America, 97th annual meeting, Abstracts with Programs*, v. 16, p. 698.
- Winograd, I.J., and Szabo, B.J., 1985, Water table decline in the south-central Great Basin during the Quaternary period—Implications for toxic waste disposal: U.S. Geological Survey Open-File Report 85-697, 18 p.
- Winograd, I.J., and Szabo, B.J., 1988, Water-table decline in the South-Central Great Basin during the Quaternary, implications for toxic waste disposal site at Yucca Mountain, southern Nevada, *in* Carr, M.D., and Yount, J.C., eds., *Geologic and hydrologic investigation of a potential nuclear waste disposal site at Yucca Mountain, southern Nevada*: U.S. Geological Survey Bulletin 1790, p. 147-152.

- Winograd, I.J., and Szabo, B.J., 1991, Time of isolation of *Cyprinodon diabolis* in Devils Hole: geologic evidence, *in* Pister, Edwin P., Editor, Proceedings of the Desert Fishes Council: the twentieth & twenty-first annual symposia, Furnace Creek, CA; Albuquerque NM, November 16 1989, p. pages 49-50.
- Winograd, I.J., and Thordarson, W., 1968, Structural control of ground-water movement in miogeosynclinal rocks of south-central Nevada, *in* Eckel, E.B., ed., Nevada Test Site: Geological Society of America Memoir 110, p. 35-48.
- Winograd, I.J., and Thordarson, W., 1971, Hydrology of the Nevada test site and vicinity, United States Geological Survey, United States Geological Survey Open-File Report, 429 p.
- Winograd, I.J., and Thordarson, W., 1975, Hydrogeologic and hydrochemical framework, south-central Great Basin, Nevada-California, with special reference to the Nevada Test Site: U.S. Geological Survey Professional Paper 712-C, 126 p. (H)
- Winograd, I.J., Coplen, T.B., Landwehr, J.M., Riggs, A.C., Ludwig, K.R., Szabo, B.J., and Ravesz, K.M., 1992, Continuous 500,000-year climate record from vein calcite in Devils Hole, Nevada: *Science*, v. 258, p. 255-260.
- Winograd, I.J., Coplen, T.B., Ludwig, K.R., and others, 1980, Paleohydrology of the southern Great Basin, with special reference to water table fluctuations beneath the Nevada Test Site during the Late (?) Pleistocene: Reston VA, United States Geological Survey, United States Geological Survey Open-File Report 80-569, 91 p.
- Winograd, I.J., Coplen, T.B., Ludwig, K.R., and others, 1990, Continuous 500,000-year climatic record from Great Basin vein calcite: 1. The oxygen-18 time series: *The Geological Society of America Abstracts With Programs*, v. 22, no. 7, p. A209.
- Winograd, I.J., Szabo, B., Coplen, T.B., and others, 1975, Hydrogeologic and hydrochemical framework, south-central Great Basin, Nevada-California, with special reference to the Nevada Test Site, United States Geological Survey, United States Geological Survey Professional Paper 712-C, 126 p. [+ illus.?] .
- Winograd, I.J., Szabo, B., Coplen, T.B., and others, 1983, Pliocene and Pleistocene calcitic veins as indicators of paleohydrologic, paleoclimatologic, and neotectonic events, southern Great Basin: an initial appraisal *Paleoclimate and mineral deposits*, United States Geological Survey, Geological Survey Circular 822, 59 p.
- Winograd, I.J., Szabo, B.J., Coplen, T.B., and others, 1985, Two-million-year record of deuterium depletion in Great Basin ground waters: *Science*, v. 227, p. 519-522.
- Winograd, I.J., Szabo, B.J., Coplen, T.B., and Riggs, A.C., 1988, A 250,000-year climatic record from Great Basin vein calcite—Implications for Milankovitch theory: *Science*, Dec 2, 1988, v. 242, p. 1275-1280.
- Winograd, I.J., Szabo, B.J., Coplen, T.B., et al., 1987, Continuous 3,000,000-year record of oxygen-18 and carbon-13 variations in Great Basin ground water: Geological Society of America, 1987 annual meeting, Abstracts with Programs, v. 19, p. 893.
- Winograd, I.J., Szabo, B.J., Coplen, T.B., Riggs, A.C., and Kolesar, P.T., 1985, Two-million-year record of deuterium depletion in Great Basin waters: *Science*, v. 227, February 1, 1985, p. 519-521.
- Winograd, I.J., Thordarson, W., and Young, R.A., 1971, Hydrology of the Nevada test site and vicinity: U.S. Geological Survey Open-File Report, 429 p.
- Winograd, Isaac Judah, 1971, Origin of the major springs in the Amargosa Desert of Nevada and Death Valley, California: Unpublished Ph.D. dissertation, University of Arizona, Tucson, Arizona, 170 p.
- Winograd, Isaac, Szabo, Barney, Coplen, Tyler B., and Doty, Gene C., 1983, Pliocene and Pleistocene calcitic veins as indicators of paleohydrologic, paleoclimatologic, and neotectonic events, southern Great Basin—An initial appraisal, *in* Cronin, T.M, Cannon, W.F., and Poore, R.Z., eds., *Paleoclimate and Mineral Deposits*: US Geological Survey Circular 822, p. 8-9.
- Wise, D.U., 1963, An outrageous hypothesis for the tectonic pattern of the North American Cordillera: *Geological Society of America Bulletin*, v. 74, p. 357-362.
- Wittwer, C.S., Bodvarsson, G.S., Chornak, M.P., Flint, A.L., Flint, L.E., Lewis, B.D., Spengler, R.W., and Rautman, C.A., 1992, Design of three-dimensional site-scale model for the unsaturated zone at Yucca Mountain, Nevada, *in* High level radioactive waste management: Proceedings of the third International Conference, American Nuclear Society, Las Vegas, Nevada, v. 1, p. 263-271.
- Witucki, G.S., 1968, Hydrologic investigation of Upper and Lower Emigrant Springs at Death Valley National Monument: National Park Service, Western Regional Office, 14 p.
- Wolfe, J.A., Schorn, H.E., 1994, Fossil floras indicate high altitude for west-central Nevada at 16 Ma & collapse to about present altitudes by 12 Ma: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 521.

- Wolff, J.E., 1932, Reconnaissance in the southern Panamints and of Ashford Canyon in the Black Mountains [Abstract]: Geological Society of America Bulletin, v. 43, p. 225.
- Wollenberg, H., Straume, T., Smith, A., and King, C.Y., 1977, Variations in radon-222 in soil and ground water at the Nevada Test Site: Lawrence Berkeley Laboratory Report LBL-5905, 6 p.
- Wong, B., 1986, A study in desert varnish: its application to source-rock tracing and to slope stability, 35 pp. tabs.; ill.; maps.
- Wong, B., 1991, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1986: Carson City, NV, United States Department of the Interior, Geological Survey, 27 pages.
- Wong, B., 1992, Selected meteorological and micrometeorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1992: Carson City, NV, United States Department of the Interior, Geological Survey, 33 pages.
- Wong, B., 1992, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1989: Carson City, NV, United States Department of the Interior, Geological Survey, 27 pages.
- Wong, B., 1992, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1987: Carson City, NV, United States Department of the Interior, Geological Survey, 27 pages.
- Wong, B., 1992, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1988: Carson City, NV, United States Department of the Interior, Geological Survey, 27 pages.
- Wood, B., 1992, Ground-water data collected at the Nevada Test Site and vicinity, Nye County, Nevada, water years 1988-89: U.S. Geological Survey Open-File Report 92-130, 50 p.
- Wood, A.E., 1949, Small mammals from the uppermost Eocene (Duchesnian) near Badwater, Wyoming: Journal of Paleontology, 23, 556-565.
- Wood, D.B., 1992, Ground-water data collected at the Nevada Test Site and vicinity, Nye County, Nevada, water years 1988-89: U.S. Geological Survey Open-File Report 92-130, 50 p.
- Wood, D.B., and Reiner, S.R., 1996, Ground-water data for 1990-1991 and ground-water withdrawals for 1951-91, Nevada Test Site and vicinity, Nye County, Nevada: U.S. Geological Survey Open-File Report 96-475, 10 p., 22 figures, 4 tables, 1 plate
- Wood, D.J. and Saleeby, J.B., 1997, Late Cretaceous-Paleocene extensional collapse and disaggregation of the southernmost Sierra Nevada Batholith: International Geology Review, v. 39, p. 973-1009.
- Wood, J.L., 1996, Selected meteorological and micrometeorological data for an arid site near Beatty, Nye County, Nevada, Calendar Year 1992: U.S. Geological Survey Open-File Report 96-434, 13 p., 5 tables.
- Wood, J.L., and Andraski, B. J., 1992, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1989: U.S. Geological Survey Open-File Report 92-484, 27 p.
- Wood, J.L., and Andraski, B. J., 1995, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar years 1990 and 1991: U.S. Geological Survey Open-File Report 94-489, 49 p.
- Wood, J.L., and Fischer, J.M., 1991, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1986: U.S. Geological Survey Open-File Report 91-189, 27 p.
- Wood, J.L., and Fischer, J.M., 1992, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1987: U.S. Geological Survey Open-File Report 92-59, 27 p.
- Wood, J.L., Hill, K.J., and Andraski, B.J., 1992, Selected meteorological data for an arid site near Beatty, Nye County, Nevada, calendar year 1988: U.S. Geological Survey Open-File Report 92-61, 27 p.
- Wood, R.A., 1981, Petrography and geochemistry of the Skidoo pluton. (incomplete reference)
- Woodburne, W.O., 1976, Groundwater hydrology, proposed Billie Borate Mine, Death Valley, California, 70+ pages.
- Woodburne, W.O., 1978, Fossil vertebrates in the CDCA [California Desert Conservation Area]. (incomplete reference)
- Woodburne, W.O., 1988, Aquifer-test evaluation and potential effects of increased groundwater pumpage at the Stovepipe Wells Hotel Area, Death Valley National Monument, California.: Sacramento CA, United States Geological Survey, United States Geological Survey Water-Resources Investigations Report 87-4270, 26 pages Available from Books and Open File Report Section, USGS, Box 25425, Denver, CO 80225.

- Woolfenden, L.R., Martin, P., and Baharie, B., 1988, Aquifer-test evaluation and potential effects of increased ground-water pumpage at the Stovepipe Wells Hotel area, Death Valley National Monument, California: U.S. Geological Survey Water-Resources Investigations Report 87-4270, 26 p.
- Woolfenden, W.B., 1996, Late-Quaternary vegetation history of the southern Owens Valley region, Inyo County, California: (incomplete reference)
- Wormington, H.M., and Ellis, D., 1963, Effect of ground-water development on the pool level in Devils Hole, Death Valley National Monument, Nye County, Nevada: Carson City, NV, United States Geological Survey, Water Resources Division, United States Geological Survey Open-File Report, 27 p.
- Wormington, H.M., and Ellis, D., Editors, 1967, Pleistocene studies in southern Nevada: Carson City, NV, Nevada State Museum, Nevada State Museum Anthropological Papers Number 13, 411 p.
- Worts, G. F., Jr., 1963, Effect of ground water development on the pool level in Devils Hole, Death Valley National Mounment, Nye County, Nevada: U.S. Geological Survey Open-File Report 63-142, 27 p.
- Wosky, J.B., Liles, G.B., Kuehl, A.C., Whitworth, G.F., Spaulding, L., and Sutton, D., 1962, Report to the Regional Director—Anticipated development, water resources and use, Furnace Creek Area, Death Valley National Monument, in accordance with the Director's memorandum of April 5, 1962. San Fransisco, California: U.S. National Park Service, May 21, 1962, 11+ p.
- Wright, J.C., Snyder, R.P., and Dickey, D.D., 1979, Stratigraphic sections of Jurassic San Rafael Group and adjacent rocks in Iron and Washington Counties, Utah: U.S. Geological Survey Open-File Report 79-1318, 53 p.
- Wright, L., 1976, Late Cenozoic fault patterns and stress fields in the Great Basin and westward displacement of the Sierra Nevada block: *Geology*, v. 4, p. 489-494.
- Wright, L., and Troxel, B.W., 1956, Noonday Dolomite, Johnnie Formation, Stirling Quartzite and Wood Canyon Formation in the southern Death Valley region, California [Abstract]: *Geological Society of America Bulletin*, v. 67, no. 12, p. 1787.
- Wright, L., Williams, E.G., and Cloud, P., 1978, Algal and cryptalgal structures and platform environments of the Late Pre-Phanerozoic Noonday Dolomite, eastern California: *Geological Society of America Bulletin*, v. 89, no. 3.
- Wright, L.A. and Troxel, B.W., 1994, Geologic map of the central and northern parts of the Funeral Mountains and adjacent areas, Death Valley region, southern California, scale 1:48,000: U.S. Geol. Surv. Misc. Invest. Ser. I-2305. M
- Wright, L.A., 1949, Crystal Spring Formation, southern Death Valley area, California: *Geological Society of America Bulletin*, v. 60, p. 1948.
- Wright, L.A., 1951, Geology and origin of talc deposits of eastern California: Unpublished Ph.D. dissertation, California Institute of Technology, Pasadena, California. (incomplete reference)
- Wright, L.A., 1952, Contact metamorphism along Algonkian diabase sills, Death Valley region, California [Abstract]=Contact metamorphism along pre-Cambrian diabase sills, Death Valley region, California [Abstract]: *Geological Society of America Bulletin*, v. 63, no. 12, p. pt. 2, 1347-1348.
- Wright, L.A., 1952, Geology of the Superior talc area, Death Valley, California: California Division of Mines and Geology Special Report , v. 20, p.1-22.
- Wright, L.A., 1954, Geology of the Alexander Hills area, Inyo and San Bernardino Counties, Map Sheet 17, *in* Jahns, R.H., ed., *Geology of southern California*, California Department of Natural Resources, Division of Mines Bulletin 170, map scale 1:32,000. (incomplete reference)
- Wright, L.A., 1955, Rainbow Mountain breccias, Amargosa Valley, California [Abstract]: *Geological Society of America Bulletin*, v. 66, no. 12, p. pt. 2, 1670.
- Wright, L.A., 1957, Talc and soapstone, *in* Wright, L.A., ed., *Mineral commodities of California*: California Division of Mines Bulletin 176, p. 623-634.
- Wright, L.A., 1958, Death Valley: Mineral Information Service, v, 11, p. 1-9.
- Wright, L.A., 1968, Talc deposits of the southern Death Valley-Kingston Range region, California: California Division of Mines and Geology Special Report 95, p. 1-79.
- Wright, L.A., 1973, Geology of the S. E. 1/4 Tecopa 15-Minute Quadrangle San Bernardino and Inyo Counties, California: California Division of Mines and Geology, Map Sheet 20.

- Wright, L.A., 1974, Fault map of the region of Central and Southern Death Valley, Eastern California and southwestern Nevada, *in* Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 24, 97 p..
- Wright, L.A., 1974, Geologic map of the region of central and southern Death Valley, Eastern California and Southwestern Nevada, *in* Geological Society of America, Guidebook: Death Valley region, California and Nevada [prepared for the 70th Annual Meeting of Cordilleran Section, Geological Society of America]: Shoshone CA, The Death Valley Publishing Company, p. page 25, 97 p.
- Wright, L.A., 1974, Geology of the southeast quarter of the Tecopa quadrangle, San Bernardino and Inyo Counties, California: California Division of Mines and Geology Map Sheet 20, scale, 1:24,000.
- Wright, L.A., 1976, Fault map of the region of central and southern Death Valley, eastern California and western Nevada, *in* Troxel, B.W. and Wright, L.A., eds., 1976, Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA, Special Report 106, p. 17.
- Wright, L.A., 1976, Geologic map of the region of central and southern Death Valley, Eastern California and Southwestern Nevada, *in* Troxel, B.W. and Wright, L.A., eds., 1976, Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 16.
- Wright, L.A., 1976, Late Cenozoic fault patterns and stress fields in the Great Basin and westward displacement of the Sierra Nevada block, *discussion: Geology*, v. 4, p. 489-494.
- Wright, L.A., 1982, The geology of Death Valley: *Earth Science*, v. 35, no. 2, p. 11-15.
- Wright, L.A., 1988, Overview of the role of strike-slip and normal faulting in the Neogene history of the region northeast of Death Valley, California-Nevada, *in* Ellis, M.A., ed., Selected papers from the workshop, Late Cenozoic evolution of the southern Great Basin, Reno, Nevada, November 10–13, 1987: Nevada Bureau of Mines and Geology, p. 1–11. (T,G)
- Wright, L.A., 1989, Overview of the role of strike-slip and normal faulting in the Neogene history of the region northeast of Death Valley, California–Nevada, *in* Ellis, M.A., ed., Late Cenozoic evolution of the southern Great Basin: Nevada Bureau of Mines and Geology Open-File Report 89–1, Selected papers from a workshop at University of Nevada, Reno, November 10-13, 1987, p. 1-11. T
- Wright, L.A., 1999, Geologic map of the Salsberry Peak quadrangle, California- Inyo County, California, 7.5 Minute Series: U.S. Geological Survey Open File Map (in press), scale, 1:24,000. (incomplete reference)
- Wright, L.A., and 8 others, 1991, Cenozoic magmatic and tectonic evolution of the east-central Death Valley region, California, *in* Walawender, M.J., and Hanan, B.B., eds., Geological Excursions in southern California and Mexico: Geological Society of America 1991 Annual Meeting Guidebook, San Diego, CA, p. 93-127. (incomplete reference)
- Wright, L.A., and Heydari, Ezat, Geologic map of the central part of the Resting Spring Range, Inyo County, California, U.S. Geological Survey Open File Map, scale 1:24,000. (incomplete reference)
- Wright, L.A., and Miller, M.G., 199?, Death Valley National Park (Chap. 46), *in* Harris, A.G., Tuttle, E., and Tuttle, S.D., eds., *Geology of National Parks*, 5th Edition: Dubuque, Iowa, Kendall/Hunt Publishing, p. 610-637. (incomplete reference)
- Wright, L.A., and Prave, A.R., 1993, Proterozoic-Early Cambrian tectonostratigraphic record of the Death Valley region, California-Nevada, *in* Link, P. K., ed., Middle and Late Proterozoic stratified rocks of the western U. S. Cordillera, Colorado Plateau and Basin and Range province, *in* Reed J. C., ed., Precambrian, Conterminous U.S.: Geological Society of America, *Geology of North America DNAG* volume, p. 529-533.
- Wright, L.A., and Troxel, B.W., 1954, Geologic Guide No. 1—Western Mojave Desert and Death Valley region, southern California, *in* Jahns, R.H., ed., *Geology of southern California*, California Department of Natural Resources, Division of Mines Bulletin 170, p. 3-50. M, S, T
- Wright, L.A., and Troxel, B.W., 1966, Strata of Late Precambrian-Cambrian age, Death Valley region, California-Nevada: *Bulletin of the American Association of Petroleum Geologists*, v. 50, no. 5, p. 846-857.
- Wright, L.A., and Troxel, B.W., 1967, Limitation of right-lateral, strike-slip displacement, Death Valley and Furnace Creek Fault zones, California: *Geological Society of America Bulletin*, v. 78, p. 933–949. (T,M,S)
- Wright, L.A., and Troxel, B.W., 1968, Evidence of northwestward crustal spreading and transform faulting in the southwestern part of the Great Basin, California and Nevada [Abstract], *in* Geological Society of America Special Paper 121, Extent unknown .
- Wright, L.A., and Troxel, B.W., 1969, Chaos structure and basin and range normal faults: evidence for a genetic relationship: *Geological Society of America, Abstracts with Programs*, v. 1, no. 7, p. 242.

- Wright, L.A., and Troxel, B.W., 1970, Discussion on "Summary of regional evidence for right-lateral displacement in the western Great Basin:" Geological Society of America Bulletin, v. 81, p. 2167-2174. T
- Wright, L.A., and Troxel, B.W., 1971, Evidence for tectonic control of volcanism, Death Valley: Geological Society of America, Abstracts with Programs, v. 3, no. 2, p. 221.
- Wright, L.A., and Troxel, B.W., 1971, Thin-skinned megaslump model of Basin Range structure as applicable to the southwestern Great Basin: Geological Society of America, Abstracts with Programs, Annual Meeting, v. 3, no. 7, p. 758.
- Wright, L.A., and Troxel, B.W., 1973, Shallow-fault interpretation of basin and range structure, southwestern Great Basin, in DeJong, K.A., and Scholten, R., eds., Gravity and tectonics: New York, John Wiley and Sons, p. 397-407. (T)
- Wright, L.A., and Troxel, B.W., 1981, Geologic cross-section from the Sierra Nevada to the Las Vegas Valley, eastern California to southern Nevada, Geological Society of America, Geological Society of America Map and Chart Ser. MC-28M, Extent unknown
- Wright, L.A., and Troxel, B.W., 1984, Geology of the northern half of the Confidence Hills 15-minute quadrangle, Death Valley region, eastern California: the area of the Amargosa Chaos: California Department of Conservation, Division of Mines and Geology Map Sheet 34, 31 p, scale 1:24,000. (M)
- Wright, L.A., and Troxel, B.W., 1988, Wrench fault-related features in the Cenozoic structural framework of the Death Valley region, California-Nevada: Geological Society of America Abstracts With Programs, v. 18, p. 244. (incomplete reference)
- Wright, L.A., and Troxel, B.W., 1989, Geologic sections to accompany a geologic map of the central and northern Funeral Mountains and adjacent areas: U.S. Geological Survey Open File Map OF-89647, scale 1:48,000. (incomplete reference)
- Wright, L.A., and Troxel, B.W., 1993, Geologic map of the central and northern Funeral Mountains and adjacent areas, Death Valley region, southern California: U.S. Geological Survey Miscellaneous Investigations Series Map I-2305, scale 1:48,000. M, Q
- Wright, L.A., and Troxel, B.W., Geologic reconnaissance map of the Eagle Mountain quadrangle, California-Inyo County, 7.5 Minute S unpublished, scale 1:24,000. (incomplete reference)
- Wright, L.A., and Williams, E.G., 1970, Precambrian reef complex, Death Valley: evidence for tectonic control of facies patterns and for antiquity of a major fault: Geological Society of America Abstracts With Programs, v. 2, p. 727. (incomplete reference)
- Wright, L.A., Chesterman, C.W., and Norman, L.A., Jr., 1954, Occurrence and use of nonmetallic commodities in southern California, in Jahns, R.H., ed., Geology of southern California: California Department of Natural Resources, Division of Mines Bulletin 170, Chapter VIII, Contribution 7, p. 59-74.
- Wright, L.A., Drake, R.E. and Troxel, B.W., 1984, Evidence for the westward migration of severe Cenozoic extension, southwestern Great Basin, California: Geological Society of America, 97th annual meeting, Abstracts with Programs, v. 16, p. 701.
- Wright, L.A., Drake, R.E., Troxel, B.W., et al., 1986, Central Death Valley volcanic field, eastern California, tectonic setting, volcanic stratigraphy, and geochronology: EOS [Transactions of American Geophysical Union], 1986 fall meeting meeting, v. 67, p. 1262.
- Wright, L.A., Green, R.C, Cemen, I., Johnson, F.C., and Prave, T.R., in press, Tectonostratigraphic development of the Miocene-Pliocene Furnace Creek Basin and related features, Death Valley region, California, in Wright, L. A., and Troxel, B.W., (eds.) Tertiary Basins and Volcanism in Death Valley region, California—Their tectonic significance, Geological Society of America Special Paper No. 333, Ch. 4. (incomplete reference)
- Wright, L.A., Morrison, R.B., Jones, C.H., and Scott, R., Geologic map of the Tecopa quadrangle, California-Inyo County, 7.5 Minute U.S. Geological Survey Open File Report, scale 1:24,000. (incomplete reference)
- Wright, L.A., Otton, J.K., and Troxel, B.W., 1974, Turtleback surfaces of Death Valley viewed as phenomena of extensional tectonics: Geology, v. 2, no. 2, p. 53-54. T()
- Wright, L.A., Otton, J.K., and Troxel, B.W., 1974, Turtleback surfaces of Death Valley viewed as phenomena of extensional tectonics, in Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 79-80.
- Wright, L.A., Serpa, L., and Troxel, B.W., 1987, Tectono-chronologic model for wrench fault related crustal extension, Death Valley area, California: Geological Society of America, Abstracts with Programs, v. 19, p. 898-899. (incomplete reference)

- Wright, L.A., Thompson, R.A., Troxel, B.W., Pavlis, T.L., DeWitt, E., Otton, J.K., Ellis, M.A., Miller, M.G., and Serpa, L.F., 1991, Cenozoic magmatic and tectonic evolution of the east-central Death Valley region, California, *in* Walawender, Michael J., and Hanan, Berry B., Editors, Geological excursions in southern California and Mexico, Geological Society of America, Geological Society of America Annual Meeting Guidebook 1991, p. 93-127, (incomplete reference) (T,G)
- Wright, L.A., Troxel, B.W., and Drake, R.E., 1983, Contrasting space-time patterns of extension-related Late Cenozoic faulting, southwestern Great Basin: Geological Society of America, Abstracts With Programs, v. 15, p. 287. (incomplete reference)
- Wright, L.A., Troxel, B.W., and Thompson, R.A., Geologic map of Deadman Pass quadrangle, California-Inyo County, 7.5 Minute Series, unpublished, scale 1:24,000.
- Wright, L.A., Troxel, B.W., and Thompson, R.A., Geologic map of the East of Deadman Pass quadrangle, California-Inyo County, 7.5 Series, unpublished, scale 1:24,000.
- Wright, L.A., Troxel, B.W., and Zigler, J.L., 1989, Geologic sections to accompany geologic map of the central and northern Funeral Mountains and adjacent areas, Death Valley region, southern California: U.S. Geological Survey Open-File Report 89-647, scale 1:48,000, 1 sheet. (T)
- Wright, L.A., Troxel, B.W., Burchfiel, B.C., Chapman, R.H., and Labotka, T.C., 1981, Geologic cross section from the Sierra Nevada to the Las Vegas Valley, eastern California to southern Nevada: Geological Society of America Map and Chart Series, MC-28M, p. 3-15, 1 plate. (M,S,T)
- Wright, L.A., Troxel, B.W., DeWitt, E., et al., 1990, Funeral Mountains metamorphic core complex, Death Valley region, California-Nevada: Geological Society of America, Cordilleran Section, 86th annual meeting, Abstracts with Programs, v. 22, p. 95.
- Wright, L.A., Troxel, B.W., Drake, R.E., et al., 1983, Contrasting space-time patterns of extension-related, late Cenozoic faulting, southwestern Great Basin: Geological Society of America, Rocky Mountain Section 36th annual meeting and Cordilleran Section 79th annual meeting, Abstracts with Programs, v. 15, p. 287. (incomplete reference)
- Wright, L.A., Troxel, B.W., Williams, E.G., Roberts, M.T., and Diehl, P.E., 1974, Precambrian sedimentary environments of the Death Valley region, eastern California and Nevada, *in* Geological Society of America, Guidebook: Death Valley region, California and Nevada [prepared for the 70th Annual Meeting of Cordilleran Section, Geological Society of America]: Shoshone CA, The Death Valley Publishing Company, p. 27-35.
- Wright, L.A., Troxel, B.W., Williams, E.G., Roberts, M.T., and Diehl, P.E., 1976, Precambrian sedimentary environments of the Death Valley region, Eastern California, *in* Troxel, B.W. and Wright, L.A., 1976, Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 7-15.
- Wright, L.A., Williams, E.G., and Cloud, P., 1974, Stratigraphic cross section of Proterozoic Noonday Dolomite, War Eagle Mine area, southern Nopah Range, eastern California, *in* Geological Society of America, Guidebook: Death Valley region, California and Nevada [prepared for the 70th Annual Meeting of Cordilleran Section, Geological Society of America]: Shoshone CA, The Death Valley Publishing Company, p. 36, 97 p.
- Wright, L.A., Williams, E.G., and Cloud, P., 1974, Stratigraphic cross section of Proterozoic Noonday Dolomite, War Eagle Mine area, Southern Nopah Range, Eastern California, *in* Guidebook—Death Valley Region, California and Nevada: Geological Society of America Field Trip Number 1, 70th annual meeting of the Cordilleran section: The Death Valley Publishing Company, Shoshone, California, p. 36.
- Wright, L.A., Williams, E.G., and Cloud, P., 1976, Stratigraphic cross section of Proterozoic Noonday Dolomite, War Eagle Mine area, Southern Nopah Range, Eastern California, *in* Troxel, B.W. and Wright, L.A., 1976, Geologic features, Death Valley, California: California Division of Mines and Geology, Sacramento, CA., Special Report 106, p. 50.
- Wright, L.A., Williams, E.G., and Cloud, P., 1978, Algal and cryptalgal structures and platform environments of the late pre-Phanerozoic Noonday Dolomite, eastern California: Geological Society of America Bulletin, v. 89, p. 321-333.
- Wright, L.A., Williams, E.G., and Troxel, B.W., 1974, Late Precambrian sedimentation, Death Valley: evidence of prolonged and varied tectonic control of a basin and shelf environment: Geological Society of America, Abstracts With Programs, v. 6, no. 3, p. 278.
- Wright, L.A., Woodard, G.D., Hillhouse, J.W., and Troxel, B.W., Geologic map of the Shoshone 7 1/2-minute quadrangle, Inyo County, California, scale 1:24,000, unpublished.
- Wright, L.A., Geologic map of the Ibex Spring 7 1/2-minute quadrangle, Inyo County, California: scale 1:24,000, unpublished.
- Wright, L.A., Tectonic map of the Death Valley region: scale 1:250,000, unpublished.

- Wright, L.A., Geologic map of the Chicago Pass area, Resting Spring and Nopah Ranges, Inyo County, California: U.S. Geological Survey Open File Map, scale 1:24,000. (incomplete reference)
- Wrucke, C.T., Jr. 1968, Butte Valley thrust—A prominent fault at the south end of the Panamint Range, Inyo County, California: Geological Society of America, Geological Society of America, Cordilleran Section Meeting Program (Tucson), Geological Society of America, p. 132.
- Wrucke, C.T., Jr. 1969, Butte Valley thrust—A prominent fault at the south end of the Panamint Range, Inyo County, California: Geological Society of America Special Paper. (incomplete reference).
- Wrucke, C.T., Jr. 1984, Mineral resources and mineral resource potential of the Little Sand Spring Wilderness Study Area, Inyo County, California: United States Department of the Interior, Geological Survey, 20 pages. (incomplete reference).
- Wrucke, C.T., Jr. 1984, Mineral resources and mineral resource potential of the Saline Valley and Lower Saline Valley Wilderness Study Areas, United States Department of the Interior, Geological Survey. . (incomplete reference).
- Wrucke, C.T., Jr., 1972, Correlation of Precambrian diabase in Arizona and California: Geological Society of America Abstracts with Programs, v. 4, no. 3, p. 265.
- Wrucke, C.T., Jr., and Corbett, K.P., 1990, Geologic map of the Last Chance Range quadrangle, California and Nevada: U.S. Geological Survey Open File Report 90-647B. (M)
- Wrucke, C.T., Jr., Stevens, C.H. and Wooden, J.L., 1995, The Butte Valley and Layton Well thrusts of eastern California, distribution and regional significance: Tectonics, v. 14, p. 1165-1171.
- Wrucke, Chester Theodore, Jr., 1966, Precambrian and Permian rocks in the vicinity of Warm Spring Canyon, Panamint Range, California: Stanford, California, Stanford University Ph. D. dissertation, 190 p., map scale 1:24,000.
- Wrucke, Chester Theodore, Jr., 1966, Precambrian and Permian rocks in the vicinity of Warm Spring Canyon, Panamint Range, California: University Microfilms, 190 pp, photos, maps, and tables.

Y

- Yancey, M.J., 1984, A Study Of Burro-Small Vertebrate Interactions In Death Valley National Monument, California: University of Nevada (Las Vegas). (incomplete reference). (M,S)
- Yancey, M.J., 1983, Burro-Small Vertebrate Interactions In Death Valley National Monument, California: Desert Bighorn Council Transactions, p. 17-25. (incomplete reference).
- Yang, I.C., Yu, P., Rattray, G.W., Ferarese, J.S., and Ryan, J.N., 1998, Hydrochemical investigations in characterizing the unsaturated zone at Yucca Mountain, Nevada: U.S. Geological Survey Water-Resources Investigations Report 98-4132, 57 p.
- Yang, J., and Wright, T.D., 1995, Hydrogeologic setting literature summary, DEVA—Physical survey of Furnace Creek landfill: Death Valley National Park, California. (incomplete reference).
- Yang, W., 1996, Environmental stable isotope (H, C, O, S) geochemistry of the Death Valley sedimentary basin, California, U.S.A
- Yang, W., and Kominz, M.A., 1992, Duration, origin, and cyclostratigraphy of depositional cycles in the Devonian Lost Burro Formation, Death Valley, CA: Geological Society of America, 1992 annual meeting, Abstracts with Programs, v. 24, p. 108-109. (incomplete reference).
- Yang, W., Spencer, R.J., Krouse, H.R., and others, 1965, Stratigraphic distribution of the Late Cambrian mollusk *Matthevia* Walcott, 1885: U.S. Geological Survey Professional Paper 525-B, Pages B73-B78 .
- Yang, W., Spencer, R.J., Krouse, R.H., et al., 1996, Stable isotopic records from carbonate and sulfate minerals in a 180 m (200 ka) saline sediment core, Death Valley, California: Geological Society of America, Abstracts with Programs, v. 28, v. 7, p. 458.
- Yarnold, J.C., and Lombard, J.P., 1989, A facies model for large rock-avalanche deposits formed in dry climates, *in* Colburn, I.P., Abbott, P.L., and Minch, J., eds., Conglomerates in basin analysis—A symposium dedicated to A.O. Woodford: Society of Economic Paleontologists and Mineralogists, Pacific Section, v. 62, p. 9-31.
- Yeats, R.S., Clark, M.N., Keller, E.A., and Rockwell, T.K., 1981, Active fault hazard in southern California—Ground rupture versus seismic shaking: Geological Society of America Bulletin, part 1, v. 92, p. 189-196.
- Yochelson, E.L., McAllister, J.F., and Reso, A., 1965, Stratigraphic distribution of the Late Cambrian mollusk *Matthevia* Walcott, 1885, *in* Geological Survey Research 1965: U.S. Geological Survey Professional Paper, p. B73-B78.

- Young, A.A., and Blaney, H.F., 1942, Use of water by native vegetation: California Department of Public Works, Division of Water Resources, Bulletin 50, 160 p.
- Young, G.J., 1918, The sink of the Amargosa [Death Valley, Inyo County, California]: Engineering and Mining Journal, p. 985-986.
- Young, R.A., 1972, Water-supply for Nuclear Rocket Development Station at the Atomic Energy Commission's Nevada Test Site: U.S. Geological Survey Water Supply Paper 1938, 19 p., 1 plate.
- Young, S.R., Ferrill, D.A., Martin, R.H., et al., 1994, Tectonics GIS for the central Basin and Range and Yucca Mountain, Nevada, region: Geological Society of America, 1994 annual meeting, Abstracts with Programs, v. 26, p. 190. (incomplete reference)
- Youngquist, W., and Heinrich, M.A., 1966, Late Devonian conodonts from the Lost Burro Formation of California: Journal of Paleontology, v. 40, no. 4, p. 974-975.
- Yount, J.C., Shroba, R.R., McMasters, C.R., Huckins, H.E., and Rodriguez, E.A., 1987, Trench logs from a strand of the Rock Valley fault system, Nevada Test Site, Nye County, Nevada: U.S. Geological Survey Miscellaneous Field Studies Map MF-1824.

Z

- Zellmer, J.T., 1980, Recent deformation in the Saline Valley region, Inyo County, California: Reno, University of Nevada, Ph.D. dissertation, map scale 1:50,000, 168 p., 7 pls., 30 figs., 43 photos. N
- Zellmer, J.T., 1983, Holocene faulting and "pull-apart" tectonics in Saline Valley, Inyo County, California: Geological Society of America 36th annual meeting, Rocky Mountain Section, 79th annual meeting, Cordilleran Section, Abstracts with Programs, v. 15, p. 417. (incomplete reference)
- Zempolich, W.G., Wilkinson, B.H., and Lohmann, K.C., 1988, Diagenesis of late Proterozoic carbonates: the Beck Spring dolomite of Eastern California: Journal of Sedimentary Petrology, v. 58, no. 4, p. 656-672.
- Zenger, D.H., 1982, Lower, dolomitic part of Lost Burro Formation (Devonian), west flank, northern Nopah Range, California, *in* Cooper, J. D., Troxel, B. W., and Wright, L. A., Editors, Geology of selected areas in the San Bernardino Mountains, Western Mojave Desert, and southern Great Basin, California: Volume and guidebook for field trip no. 9, 78th Anniversary Meeting of Cordilleran Section, Geological Society of America: Shoshone CA 92384, Death Valley Publishing Company, p. p. 129-136, 202 p.
- Zenger, D.H., 1983, Burial dolomitization in the Lost Burro Formation (Devonian), east-central California, and the significance of late diagenetic dolomitization: Geology, v. 11, p. 519-522.
- Zenger, D.H., and Pearson, E.F., 1969, Stratigraphy and petrology of the Lost Burro Formation, Panamint range, California: California Division of Mines and Geology Special Report 100, p. 45-65. (incomplete reference)
- Zentner, J., 1977, Mineral claim validity report for the Le Moine lode mining claims #1 through 20 inclusive, Death Valley National Monument, California, T. 17 S., R. 43 E., M.D.M. (projected) parats of sections 9, 10, 15, and 16: San Francisco, CA, Western Regional Office, National Park Service, Division of Mining & Minerals, 45+ pages.
- Zentner, J., 1978, Environmental study—Galena Canyon area, Death Valley National Monument, 66 p. tables; maps; graphs; photos; illustrations. (incomplete reference)
- Zentner, J., 1978, Mineral report for the DV group of lode mining claims in Death Valley National Monument, California: San Francisco, CA, Western Regional Office, National Park Service, Division of Mining & Minerals, 3+ pages.
- Zentner, J., 1978, Mineral report for the Nicol lode mining claim in Death Valley National Monument, California, T. 18 S., R. 45 E., (protraction diagram), Section 36: San Francisco, CA, Western Regional Office, National Park Service, Division of Mining & Minerals, 6+ pages.
- Zentner, J., 1978, Mineral report for the Ronald Morris placer mining claim in Death Valley National Monument, T. 21 S., R. 47 E., MDM, Section 5 (protracted diagram): San Francisco, CA, Western Regional Office, National Park Service, Division of Mining & Minerals, 6+ pages.
- Zentner, J., 1978, Mineral report for the Tucki Group of lode mining claims in Death Valley National Monument, California: San Francisco, CA, Western Regional Office, National Park Service, Division of Mining & Minerals, 9+ pages.

- Zhang, P., Ellis, M., Slemmons, D.B., and others, 1990, Right-lateral displacements and the Holocene slip rate associated with prehistoric earthquakes along the southern Panamint Valley fault zone—Implications for southern Basin and Range tectonics and coastal California deformation: *Journal of Geophysical Research, B, Solid Earth and Planets*, v. 95, p. 4857-4872.
- Zielinski, R.A., 1983, Evaluation of ash-flow tuffs as hosts for radioactive waste - criteria based on selective leaching of manganese oxides: U.S. Geological Survey Open-File Report 83-480, 21 p.
- Zietz, Isidore, Gilbert, F.P., and Kirby, J.R., 1978, Aeromagnetic map of Nevada: U.S. Geological Survey Geophysical Investigations Map GP-922, 1 sheet.
- Zoback, M.L., and Anderson, R.E., and Thompson, G.A., 1981, Cenozoic evolution of the state of stress and style of tectonism of the Basin and Range province of the western United States: *Philosophical Transactions of the Royal Society of London, Series A* 300, p. 407-434.
- Zoback, M.L., and Beanland, S., 1986, Temporal variations in stress magnitude and style of faulting along the Sierran Frontal fault system: *Geological Society of America, Abstracts with Programs*, v. 18, p. 801. (incomplete reference)
- Zoback, M.L., and Thompson, G.A., 1978, Basin and Range rifting in northern Nevada—Clues from a mid-Miocene rift and its subsequent offsets: *Geology*, v. 6, p. 111–116. (T,G)
- Zoback, M.L., and Zoback, M., 1980, State of Stress in the Conterminous United States: *Journal of Geophysical Research*, v. 85, p. 6113-6156.
- Zoback, M.L., McKee, E.H., Blakely, R.J., and Thompson, G.A., 1994, The northern Nevada rift: Regional tectono-magmatic relations and middle Miocene stress direction: *Geological Society of America Bulletin*, v. 106, p. 371–382. (T,G)
- Zohdy, A.R., and Bisdorf, R.J., 1979, Schlumberger soundings and geoelectric cross-sections in Yucca Lake, Nevada Test Site, Nevada: U.S. Geological Survey Open-File Report 79-220, 69 p.
- Zreda, M.G., 1994, Development and calibration of the cosmogenic (super 36) Cl surface exposure dating method and its application to the chronology of late Quaternary glaciations. (incomplete reference)
- Zreda, M.G., Phillips, F.M., Kubik, P.W., Sharma, P., Elmore, D., 1993, Cosmogenic ³⁶Cl dating of a young basaltic eruption complex, Lathrop Wells, Nevada: *Geology*, v. 21, p. 57-60.
- Zyvoloski, George, 1990, Simulation of heat transfer in the unsaturated zone, Los Alamos, New Mexico: Los Alamos National Laboratory, 1990, LA-UR--90-351 or DE90 006512. 16 p.

Geology of Death Valley National Park. Death Valley, the name is foreboding and gloomy. Yet here in this valley, much of it below sea level, or in its surrounding mountains you can find spectacular wildflower displays, snow covered peaks, beautiful sand dunes, abandoned mines and industrial structures, and the hottest place in North America. National parks are set aside for the enjoyment of all, however because of the rugged nature of many of the nation's treasures, it is difficult to provide access for everyone who might have special needs. The National Park Service has been making strides to furnish facilities that allow everyone the opportunity to enjoy the beauties of the great outdoors. Furnace Creek, Sunset, Texas Spring, and Stovepipe Wells are wheelchair accessible.