

# NORTHERN CALIFORNIA GEOLOGICAL SOCIETY



## List of Known Guidebooks

List Provided by: **Sandy Figuers, PhD, CE, CEG, CHG, RGp**

Please note that very few are currently available from the NCGS. Please see an officer and let us know if you have an interest in obtaining copies of some or all of these guidebooks.

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The 1950 NCGS field trip was the AAPG 1950 field trip to Mt. Diablo, see AAPG listing

Mee, J.H. (editor); 1954; Capay Valley-Wilbur Springs west side Sacramento Valley; NCGS-AAPG field trip; May 7-8, 1954; 10pp; general road log; two maps in pocket (UCB); [Napa, Sonoma]; (Note: for some unknown reason, there are copies of this guidebook in almost every library, and NCGS has the original reproducibles)

Koenig, J.B.; 1968; Field trip to the Geysers, Sonoma County, California; NCGS; September, 28, 1968; 10 pp; no road log; (CDMG); [Sonoma]

Pampeyan, E.H. and Wollenberg, H.E.; 1969; Mt. Diablo and Livermore Valley; NCGS; May 17, 1969; (no copy known); [Contra Costa, Alameda]; (note: this field trip looked at Mt. Diablo and the creep monitoring of the Greenville Fault, east of Livermore. This guidebook is listed in the Union list of guidebooks under the title "*Camp Parks and Mt. Diablo*", but it was not found in the collection of the listed library.)

Galloway, A.J. and Brown, R.D.; 1970; San Andreas Fault and Point Reyes Peninsula; NCGS field trip; May 16, 1970; 7pp; detailed road log; (UCB); [Marin]

Nason, R.D. and Rogers, T.H.; 1971; Hayward-Hollister field trip; NCGS; May, 1971; 35pp; detailed road log; (CDMG); [Alameda, Santa Clara, San Benito]

Rogers, T.; 1972; Environmental geology of northeastern flank of the Santa Cruz Mountains; NCGS; May 20, 1974; (no copy known); (this was based on a 1971 report done by Rogers for CDMG about this area); [Santa Clara]

Bowen, O.; 1973; Mother Load Country; NCGS; April 28-29, 1973; (no copy known)

Koenig, J.; 1973; Geysers, Sonoma County; NCGS; September 29, 1973; (no copy known; this may be a reissue of Koenig's 1968 guidebook); [Sonoma]

Crebassa, L.; 1974; San Francisco Bay Model; NCGS; January, 19, 1974; (no copy known – may not have had a guide book); [Marin]

Coleman, R.G.; 1974; Ophiolites in the Mesozoic subduction zone of central California; NCGS; April 20, 1974; 16 pp; general road log; (private); [Alameda, Santa Clara, Stanislaus]; (note: this covers Del Puerto Canyon and the Corral Hollow area).

Garrison, R.E., Laporte, L.F., and Weber, G.; 1974; Raised Pleistocene terraces and upper Tertiary sedimentary rocks of Santa Cruz; NCGS; October, 12, 1974; 8 pp; general road log; (USGS); [Santa Cruz]

Rich, E. and Ingersoll, R.; 1975; Western margin of the Sacramento Valley – Clear Lake area; NCGS; May 10-11, 1975; 20 pp; detailed road log; (CAS); [Napa, Lake, Yolo]

Unknown; 1977; A look at the Franciscan rocks of the Napa Valley; NCGS; June 11, 1977; (no copy known); [Napa]

Moir, L.H.; 1979; Geology and engineering in the Livermore-Hayward region, California; NCGS; spring 1979; 106pp; detailed road log; (UCB); [Alameda]

The 1981 NCGS field trips were combined with the AAPG national meeting field trip. The joint field trips were:

- SEPM trip 6
- AAPG GB-50
- AAPG GB-51

Bertucci, P. and Kleist, J.; 1983; Geologic transect of northern San Francisco Bay area; NCGS; September 24, 1983; 28 pp.; general road log; (private); [Marin, Sonoma, Napa]

Nilsen, T.; 1985; Turbidites along the coast south of San Francisco; NCGS; April 4, 1985; (no copy known); (note: the author did not have a copy); [San Mateo]

Chevren, V. and Fischer, P.; 1986; Submarine Canyons – Meganos Canyon and sand, north flank, Mt. Diablo; NCGS; May 18, 1986; (no copy known); [Contra Costa]

Clifton, E.; 1987; Shallow marine and coastal depositional facies, Mussel Rock, Pacifica to Fort Funston, San Francisco; NCGS; May 16, 1987; (no copy known); [San Mateo]; (Note: The author does not have a copy of this version of the guidebook. The guidebook was revised and issued in CDMG special publication 109 in 1991)

Crane, R. (editor); 1988; Field trip guide to the geology of the San Ramon Valley and environs; NCGS field trip; April 30, 1988; 187pp, maps and cross-sections in rear pocket, color maps; general road log; (Stanford); [Alameda, Contra Costa]; (Note: the original report was in a three-ring binder and the color quadrangle maps were printed on photographic paper. In subsequent printings, the maps were color copies (not quite as sharp)).

Bilodeau, B (editor); 1989; Geologic guidebook to Point Reyes area, northern California; NCGS; April 20, 1989; 85 pp; general road log; (UCD); [Marin]; The stops are:

- 1- Franciscan graywacke, Sir Francis Drake Blvd, Fairfax
- 2- Nicasio Dam Pillow Basalts
- 3- Government housing at Randall Trail head
- 4- Point Reyes Visitor Center
- 5- Kehoe Beach
- 6- Drakes Beach

Kieckhefer, B (editor); 1990; The October 17, 1989 earthquake: geology and impacts; AAPG annual meeting, NCGS trip 2 and AAPG field trip; June 2 and 7, 1990; 70pp; general road log; (UCB); [San Mateo, Santa Clara, Alameda]; the field trip stops were:

- 1 - Mussel Rock
- 2 – Crystal Springs
- 3 – Highway 17
- 4 – Hayward
- 5 – Fairmont Hospital
- 6 – Mormon Temple

- Bilodeau, B.J. and Davis, S.O.; 1990; Geologic guidebook to the Point Reyes Area northern California; AAPG annual meeting, NCGS trip 1 and AAPG guidebook (GB-66); June 3-6, 1990; 49pp; detailed road log; (UCB); [Marin]; (Note: this was a revised version of the 1989 guidebook. It is sometimes listed as “*San Andreas Fault and Franciscan complex in Marin County, California*”)
- Figuers, S.H. (editor); 1991; Field trip guide to the geology of western Solano County; NCGS and AEG field trip; October 12, 1991; 175pp and maps in rear pocket; detailed road log; (private); [Solano]
- Wright, T.L. (editor); 1992; Field trip guide to late Cenozoic geology in the north bay region; NCGS field trip; May 16, 1992; 150pp, maps in rear pocket and handout showing location of stops; general road log; (CDMG); [Solano, Sonoma, Napa]
- Erskine, M.; 1992; Tertiary and Quaternary tectonics of the boundary between the central Diablo range and the San Joaquin Valley; NCGS; November, 14, 1992; 139 pp, 15 pp handout, and maps; detailed road log; (UCB); (Stanislaus); (note: the basic guidebook for this field trip was: Erskine, M.C, Unruh, J., Lettis, W.R., and Bartow, J.A; 1992; Field guide to the tectonics of the boundary between the California Coast Ranges and the Great Valley of California; AAPG pacific section (GB 70); April, 1992. Mel had two papers on this area in that guidebook . A 15 page handout was additional material for the NCGS version of this trip).
- Davis, S.O. (editor); 1993; Field trip guide to the environmental geology of the Livermore Valley and nearby environs; NSGS field trip; May 15, 1993; 206pp; map in rear pocket and two handouts – one by Davis about corral hollow sanitary landfill (4pp) and the other about LLNL site 300 by Von der Haar (7pp); general road log; (UCB); [Alameda]
- Moores, E.; 1993; Geology and tectonics of the southwestern Sacramento Valley and adjacent Coast Ranges; NCGS; October 2, 1993; 84pp; no road log; (private); [Solano, Contra Costa, Yolo]
- Roberts, B. and Michelson, R.; 1994; Remediation of soil and groundwater; NCGS; March 19, 1994; (no copy known)
- Crane, R. and Lyon, C.; 1994; Geology of the Mount Diablo region; NCGS; May 7, 1994; ~100pp; general road log; plates in rear pocket; in a three-ring binder; (private); [Contra Costa, Alameda]; (Note: field trip was also run on April 23, 1994)
- Sullivan, R. and Waters, J.; 1994; Guide to the Geology of the Black Diamond Mines; NCGS; October 15, 1994; 34 pp; no road log, but single site visit; (Private); [Contra Costa]; (Note: this guidebook was re-issued/revised many times for various groups between 1994 and 2003. None of these guidebooks are dated. The authors and title varied. Some are: Sullivan, R., Water, J., and Sullivan, M.D.; 1995; the Geology and sequence stratigraphy of Black Diamond Mines regional Preserve; NCGS; 39 pp (text was revised, color photographs were added, and additional figures were added). Sullivan, M., Sullivan R., Waters, J., and Yarborough, R.; 2002; Geology and sequence stratigraphy of Black Diamond Mines Regional Preserve; 59 pp (a section on sequence stratigraphy was added). Other variations exist. The October, 2003, version of the guidebook was issued by SEPM as book 94. See the AAPG/SEPM listing.)
- Lawler, D.; 1994; Black Hawk Ranch fossil mammal quarry, Contra Costa California; NCGS; November 12, 1994; 22pp; no specific road log, but single site field trip (UCB); [Contra Costa]
- Crane, R. and Lyon, C.; 1995; Geology of the Mount Diablo region; NCGS and AAPG pacific section; May 6, 1995; 134pp; general road log; plates in rear pocket; (Stanford); [Contra Costa]; (Note: this field trip covered the same area and stops as the 1994 guide book, but in a different pattern/order. It contains up-dated maps.)
- Fagan, T., Mayfield, J., and Day. H. W.; 1995; Tectonic belts of the Sierra Nevada, Northern California; NCGS; June 10 and 11, 1995; 29pp; road log; (UCD); [Yuba, Nevada, Plumas]

- Howell, D.; 1995; Wine and geology guide for fieldtrip of the Napa Valley; NCGS; October 21, 1995; 22 pp; no road log; (private); [Napa]; (Note: A revised version of this guidebook appears in (CDMG) Geology \*\*\* (has color maps), in GSA 2000 \*\*\* ; and is being issued as a book in 2004.)
- Buising, A.V. (editor); 1996; Neogene paleogeographies in the greater San Francisco Bay area; NCGS field trip; May 4, 1996; 70 pp; general road log; (private); [Contra Costa]; (Note: also titled: *Who's on first? Strike-slip, contraction, and paleogeographies in the greater bay area/east bay hills*)
- Coleman, R.G. and Graham, S.A.; 1996; New Idria field trip; NCGS field trip; June 15&16, 1996; ~120pp; general road log; (Stanford); [Fresno, San Benito]
- Brabb, E. and Clark, J.; 1996; When did Pt. Reyes Move north from Monterey?; NCGS; October 19-20, 1996; 10pp; detailed road log; (private); [Monterey, Santa Cruz]
- Sullivan, R. and Bray, T.; 1996; Keller Canyon Landfill and the Concord Navel Weapons Station; NCGS; November 16, 1996; 26 pp; no road log, but single site field trip; (private); [Contra Costa]
- Greene, G. and Stakes., 1997, Monterey Bay Aquarium and research Institute and Moss landing Marine Laboratories; NCGS field trip; March 15, 1997; no guidebook; [Monterey]
- Lawler, D. and Wilkerson, G.; 1997; Northern Sierra Nevada region geological field trip guidebook; NCGS; June 14 and 15, 1997; ~100 pages; detailed road log; (UCB); [Placer, Plumas, Nevada, Sierra, Yuba]; (Note: also titled: *Gold deposits of the Sierra Nevada*. Editors sometimes listed as Erskine and Lawler. A section of this guidebook: *Diamonds in northern California*, is sometimes listed as a separate guidebook)
- Matthews, V.; 1997; Field trip to Hollister/Cienega/Pinnacles monument: classic localities demonstrating both small and large displacements on the San Andreas fault system; NCGS field trip; September 27, 1997; 26pp; detailed road log; (private); [San Benito]
- Jones, D., and Lawler, D.; 1997; Northern Sierra Nevada region geological field trip guidebook; NCGS field trip; October 11 & 12, 1997; 91pp; general road log; (private); [El Dorado]; (Note: this guide book covers a slightly different area than the June 1997 guidebook)
- Hausback, B.; 1998; Geology of the Sutter Buttes; NCGS; April 18, 1998; 12 pp; general road log; (private); [Sutter]; (Note: this field trip consisted of stops 3A and 3B of Hausback's Sutter Buttes field guide published in CDMG special publication 109, in 1991)
- Wakabayashi, J.; 1998; The Franciscan Complex, San Francisco Bay Area: a record of subduction complex processes; NCGS; July 18, 1998; 17 pp; general road log; (private); [Contra Costa, Marin, San Francisco]
- Grove, K.; 1998; Late Quaternary climate and tectonics in the San Francisco Fault Valley near Pt. Reyes; NCGS; October 17, 1998; 9 pp; general road log; (private); [Marin]
- Rogers, J.D. and Drumm, P.L.; 1999; Overview of the 1998 Mission Peak landslide Fremont, California; NCGS field trip, May 8, 1999; 27pp and color plate in rear pocket; no specific road log, but single site field trip; (private); [Alameda]
- Erskine, M.C.; 1999; Analysis of Neogene to recent Tectonics of the central Diablo range; NCGS field trip; September 23, 1999; 13pp and color maps; no road log; (private); [Alameda, Stanislaus, Merced]
- Sarna-Wojcicki, A.M. and Walker, J.P.; 1999; Use of tephrochronology in correlation and dating of some late Neogene sedimentary sections, east San Francisco Bay area & sediment provenance in the Shell Ridge and Los Medanos Hills area, west of Mount Diablo; NCGS field trip; October 16, 1999; 35pp and color maps; general road log; (private); [Contra Costa, Alameda]

- Crane, R.; 1999a; Geology of the Brushy Peak area; NCGS; March 6, 1999; 7 pp and all maps are in color; no road log, but single site field trip; (private); [Alameda]; (Note: also known as: *Geology of Brushy Peak*)
- Crane, R.; 1999b; Geology of the northern Diablo Range I; NCGS field trip; June 26, 1999; 41pp; general road log; (private); [Alameda]; (Note: also known as: *Ohlone Wilderness*)
- Crane, R.; 1999c; Geology of the northern Diablo Range II; NCGS field trip, August 21, 1999; 16pp; general road log; (private); [Santa Clara, Alameda]; (Note: also known as: *Del Puerto Canyon*)
- Erskine, M. and Howell, D.; 1999; Vallecitos syncline and Coalinga fossil hunt; NCGS; October 2-3, 1999; (no copy known)
- Graymer, R.; 1999; Whitewater rafting down the American River; NCGS; August 7, 1999; 14 pp.; detailed river log; (private); [El Dorado]; (Note: trip went between Colma and Folsom Lake)
- Crane, R.; 2000; Altamont Hills field trip; NCGS field trip; April 29, 2000; 14pp; detailed road log; (private); [Alameda]; (Note: this was the first version of this field trip. The cover is in B&W. The trip/guidebook was revised and rerun in May 2003, with a color front cover)
- Wakabayashi, J. and Dickerman, S.; 2000; Geologic relationships relevant to slip distribution on the northern San Andreas fault system; NCGS field trip; May, 2000; ~40pp; general road log; (private); [Alameda Contra Costa, Sonoma, Marin]
- Kopf, R. and Lawler, D.; 2000; Chalk Bluff Preserve; NCGS; October 28, 2000; (this field trip was scheduled, but it rained and none of the leaders showed up – no guidebook was ever issued).
- Maihot, R. and Hart, M.; 2001; Caldecott Tunnel tour; NCGS; March 3, 2001; 16 pp; no road log, but single site location; (private); [Alameda]; (Note: the notes consisted of a 4 page write up about the tunnel and copies of various newspaper clippings. It also included a Caldecott tunnel coloring book for the kids, and copies of Page, 1950, Economic geology, vol 45; parts of CDMG bulletin 154; and Edwards, 1953, Calif. Geol., April)
- Wakabayashi, J.; 2001; Blueschists and microbreveries of Coastal northern California: two subjects of international fame; NCGS; May 19-20, 2001; 14 pp; general road log; (private); [Marin, Napa, Sonoma]
- Greene, G.; 2002; Geology of the Monterey Bay region; NCGS field trip; January 26, 2002; 80pp; no road log; [Monterey]; (Note: the guidebook consists of a series of handouts)
- Sullivan, M.D, Sullivan R., Waters, J., and Yarborough, R.; 2002; Geology and sequence stratigraphy of Black Diamond Mines regional Preserve; NCGS field trip; April 6, 2002; 49pp, no road log, but single location site visit; color maps and photographs; (private); [Contra Costa]
- Crane, R.; 2002; Geology of Central California – Mount Diablo Region; NCGS field trip; May 18, 2002; 61pp; detailed road log; numerous color photographs and maps; (private); [Contra Costa, Alameda]
- Cardwell, R. (editor); 2002; Geology of the eastern belt of the northern Sierra Nevada and the Sixteen-to-One gold mine; NCGS field trip; June 29-30, 2002; ~60 pp; general road log; (private); [Sierra]; (Note: The guide book consisted of a series of handouts. The first day was a partial re-run of Brooks' guidebook. The second day was a visit to the 16 to 1 mine.)
- Graymer, R. and Lienkaemper, J.; 2002; Hayward Fault/ tule pond trench site field trip; NCGS field trip; October 13, 2002, ~60 pp; general road log; color photographs; (private); [Alameda]; (Note: the details of the trench logs were published in USGS MF-2386)
- Stevensen, B.; 2003; San Francisco Bay Model; NCGS field trip; January 11, 2003; no guidebook; (Note: a write up is in the spring, 2003, NCGS newsletter); [Marin]

Murphy, L.; 2003; Field guide to silica-rich rocks in the Berkeley Hills; NCGS field trip; February 22, 2003; 8pp; general road log; (private); [Contra Costa]; (Note: this was part of her senior thesis and was a revision of the spring 2001 AWG field trip)

Ernst, G.; 2003; Franciscan metasedimentary section at Pacheco Pass; NCGS field trip; April 12, 2003, 16pp; general road log; (private); [Merced, Santa Clara]

Crane, R.; 2003; Geology of Central California – Mount Diablo- Diablo Range Intersection- the Altamont Hills; NCGS field trip; May 10, 2003; ~28pp; detailed road log; color maps and cross-sections; detailed road log; (private); [Alameda]; (Note: the cover just says Northern California Geological society and has the road log map. The actual title is on the page after the road log)

McLaughlin, B., Wagner, D., and Sarna-Wojcicki, A.; 2003; Field trip Guide, Geology of the right stepover region between the Rodgers Creek, Healdsburg and Maacama Faults, Northern San Francisco Bay Region; NCGS field trip; June 6-8, 2003; ~72 pp, color figures; general road log; (private); [Sonoma]

Erickson, R.; 2003; A field trip guidebook to the Clear Lake Volcanic field Lake County, California; NCGS; August 2, 2003; 30 pp; general road log; (private); [Lake]

MacKinnon, T. and Gilbert, J.R.; 2003; Geology of the Point Reyes Area, California; NCGS; September 27, 2003; 37 pp with color photos and maps; general road log; (private); [Marin]

Ford, E.; 2003; Mesozoic and tertiary stratigraphy of the Burdell Mountain Area and Implications for slip along the East Bay fault system, Marin County California; NCGS; November 22, 2003; 14 pp; general road log; (private); [Marin]

Crane, R.; 2004; Geology of the South Flank of Mount Diablo; NCGS; May 1, 2004; 9 pp; general road log; (private); [Contra Costa]

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More Recent Guidebooks - Added Since Original List Provided by Sandy Figuers

Clifton, H.E., Hunter, R.E., and Bartow, G.; 2004; Geology and Ground-Water Resources of the Merced Formation in the Westside Basin of Coastal San Mateo and San Francisco Counties; NCGS and SFPUC; July 10, 2004; 66 pp with color maps; (private); [San Mateo and San Francisco Counties]