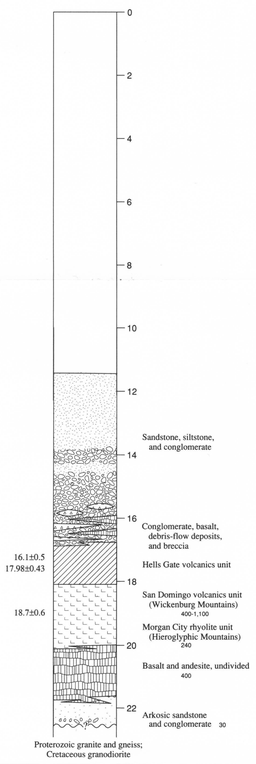
3–A

Wickenburg and northwestern Hieroglyphic Mountains, Ariz.

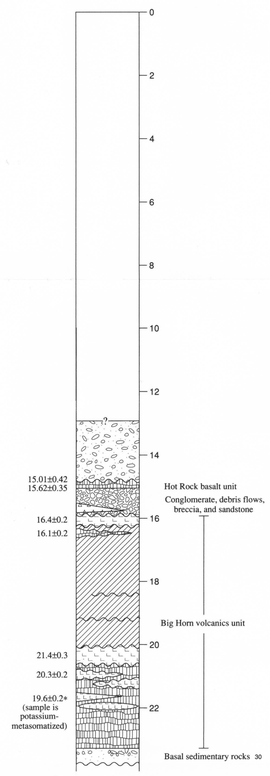
Richard (this vol.)



3–B

Big Horn Mountains, Ariz,

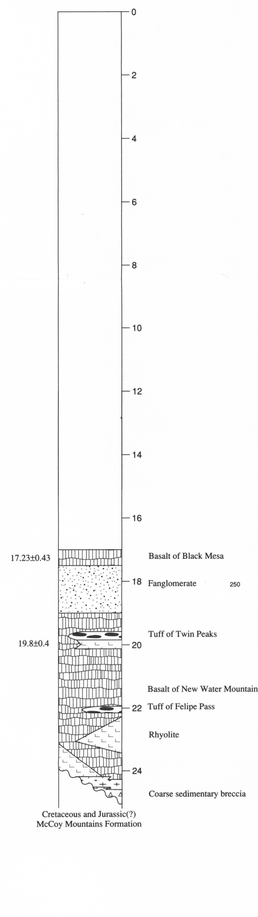
Richard (this vol.)



3–C

New Water Mountains, Ariz.

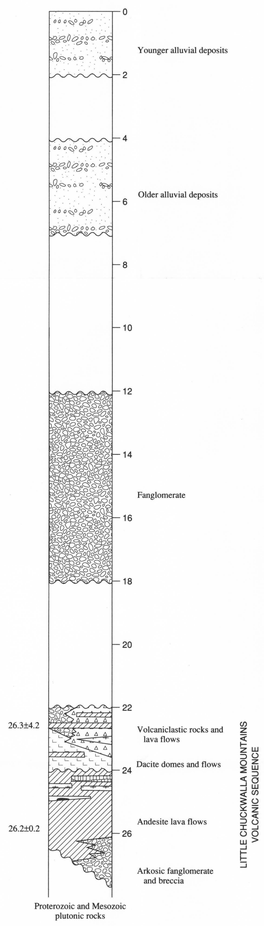
Sherrod (this vol.)



3–D

Little Chuckwalla Mountains, Calif.

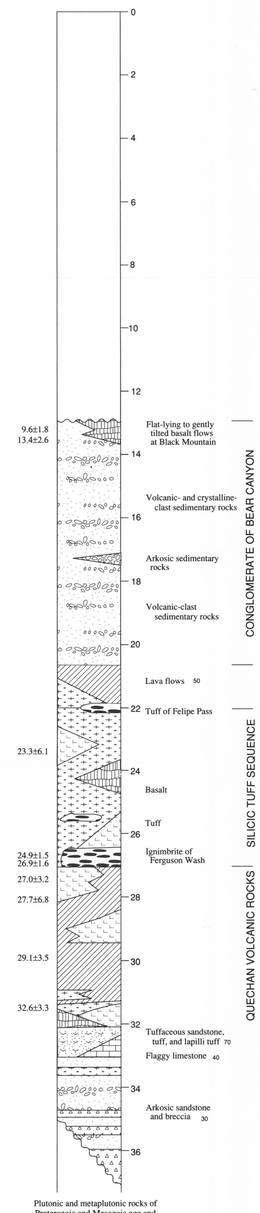
Mayo (this vol.)



3–E

Southeastern Chocolate Mountains (Picacho State Park area) Calif. and Ariz.

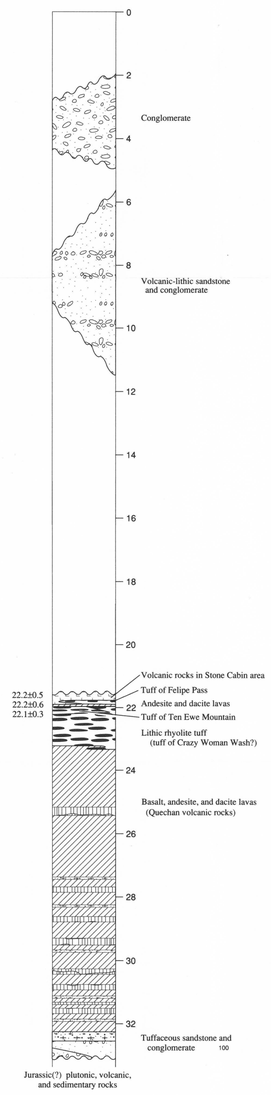
Sherrod and Hughes (this vol.)



3–F

Middle Mountains, Ariz., north of Chocolate Mountains anticlinorium

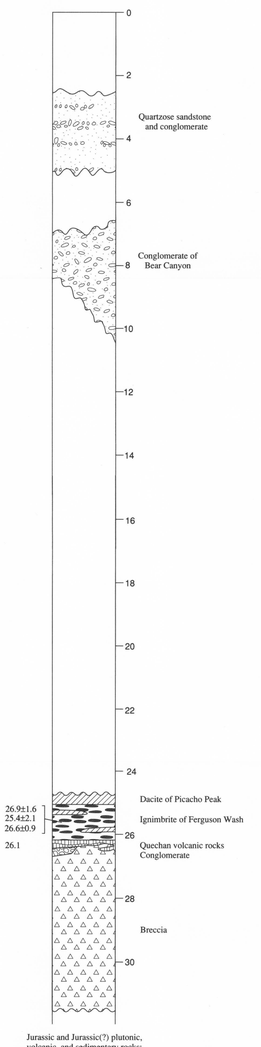
Richard (this vol.)



3–G

Ferguson Wash area, west of Colorado River, southeastern Calif.

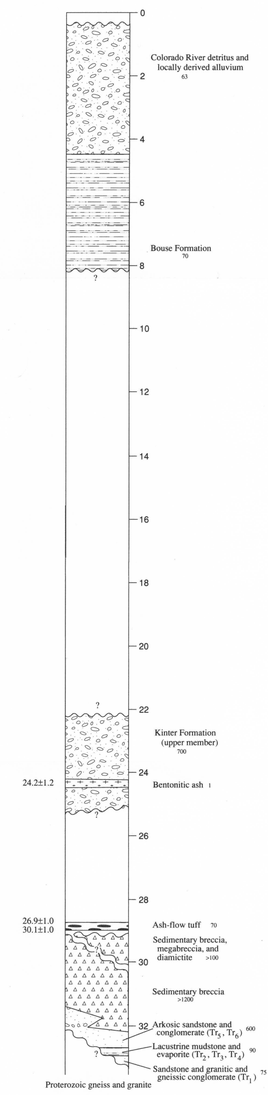
Richard (this vol.)



3–H

Laguna Mountains, Ariz.

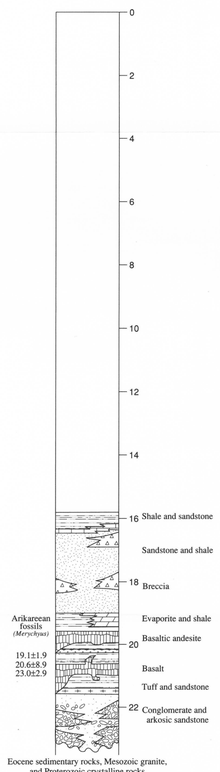
Lombard (this vol.)



4–A

Eastern Orocopia Mountains, Calif.

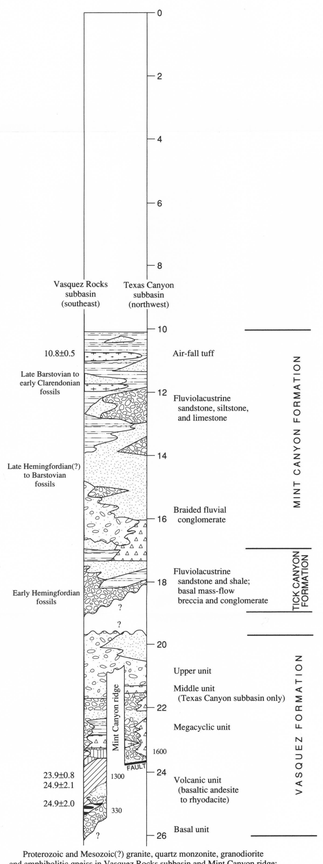
Crowell (this vol.)



4–B

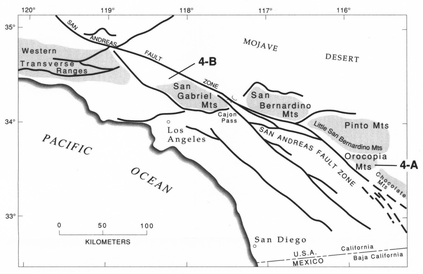
Central Transverse Ranges (Soledad basin area) Calif.

Hendrix (this vol.)



STRATIGRAPHIC COLUMNS FROM FAR WESTERN AREA NEAR SAN ANDREAS FAULT ZONE, CALIFORNIA

STRATIGRAPHIC COLUMNS FROM SOUTHERN AREA: SOUTH OF I-10



INDEX MAP SHOWING LOCATION OF STRATIGRAPHIC COLUMNS DISCUSSED IN CHAPTER 4

EXPLANATION

Generalized description of lithologic patterns used on columns. See individual columns for details of composition, lithologic diversity, or formation names. Isotopic age determinations (in Ma) on left side of column; linear time scale on right. See "Preface" in text for further explanation.

Sedimentary rocks and deposits

- Alluvium
- Limestone
- Evaporite. May locally contain gypsum, halite, or celestite
- Claystone, mudstone, and siltstone
- Sandstone
- Sandstone and conglomerate
- Conglomerate and sandstone
- Conglomerate
- Breccia, debris-flow deposits
- Tuffaceous sedimentary rocks

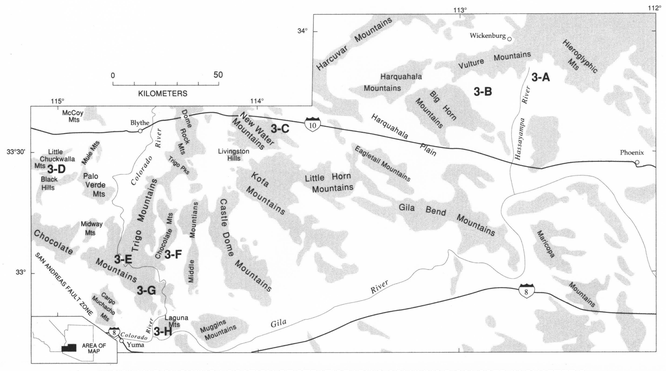
Volcanic rocks and deposits

Chiefly lava flows and domes

- Basalt and basaltic andesite. May locally contain trachyte
- Andesite and dacite
- Rhyodacite and rhyolite

Chiefly volcaniclastic rocks

- Ash-flow tuff
- Tuff and tuffaceous rocks
- Breccia
- Unconformable contact—Queried where uncertain
- ? Section of uncertain rock type or covered interval
- 300 Unit thickness, in meters



INDEX MAP SHOWING LOCATION OF STRATIGRAPHIC COLUMNS DISCUSSED IN CHAPTER 3

TERTIARY STRATIGRAPHY OF HIGHLY EXTENDED TERRANES, CALIFORNIA, ARIZONA, AND NEVADA

David R. Sherrod and Jane E. Nielsen, editors

1993

Sherrod, D.R., and Nielson, J.E., editors, 1993, Tertiary stratigraphy of highly extended terranes, California, Arizona, and Nevada: U.S. Geological Survey Bulletin 2053

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