New Mexico Geological Society

Downloaded from: https://nmgs.nmt.edu/publications/guidebooks/44



Back Matter

(Usually includes a stratigraphic column and/or correlation chart.)

in:

Carlsbad Region (New Mexico and West Texas), Love, D. W.; Hawley, J. W.; Kues, B. S.; Austin, G. S.; Lucas, S. G.; [eds.], New Mexico Geological Society 44th Annual Fall Field Conference Guidebook, 357 p. https://doi.org/10.56577/FFC-44

This is a section from the 1993 NMGS Fall Field Conference Guidebook.

Annual NMGS Fall Field Conference Guidebooks

Every fall since 1950, the New Mexico Geological Society (NMGS) has held an annual Fall Field Conference that explores some region of New Mexico (or surrounding states). Always well attended, these conferences provide a guidebook to participants. Besides detailed road logs, the guidebooks contain many well written, edited, and peer-reviewed geoscience papers. These books have set the national standard for geologic guidebooks and are an essential geologic reference for anyone working in or around New Mexico.

Free Downloads

NMGS has decided to make peer-reviewed papers from our Fall Field Conference guidebooks available for free download. This is in keeping with our mission of promoting interest, research, and cooperation regarding geology in New Mexico. However, guidebook sales represent a significant proportion of our operating budget. Therefore, only *research papers* are available for download. *Road logs, mini-papers*, and other selected content are available only in print for recent guidebooks.

Copyright Information

Publications of the New Mexico Geological Society, printed and electronic, are protected by the copyright laws of the United States. No material from the NMGS website, or printed and electronic publications, may be reprinted or redistributed without NMGS permission. Contact us for permission to reprint portions of any of our publications.

One printed copy of any materials from the NMGS website or our print and electronic publications may be made for individual use without our permission. Teachers and students may make unlimited copies for educational use. Any other use of these materials requires explicit permission.

This page is intentionally left blank to maintain order of facing pages.

STRATIGRAPHIC NOMENCLATURE CHART

J. W. Hawley, D. W. Love, B. S. Kues, O. Anderson, R. Broadhead and R. Titus

Era	Period	Epoch or Age	Cornudas Mountains, Eastern Sacramento and Pecos Valley Sections, and Northwest Shelf	Northern Delaware Basin/ Guadalupe Mountains	Southern High Plains Central Basin Platform
Cenozoic	Quaternary		Pecos Valley fills Pecos Valley fills period Mescalero-Diamond "Upper" Gatuña Fm.	Valley fills	Blackwater Draw Fm. Tule Fm.
			Mescalero A surface "Upper" A surface "Upper" Gatuña Fm.		Blanco Fm.
		Neogene	Ne ^{scaleio-Diamo} Ne ^{scaleio-Diamo} Ogaliala Fm. "Lower" Gatuña Fm.	Constant Sector Constant Sector Secto	Ogallala Fm. or Gp.
	Tertiary				
		Paleogene	Sierra Blanca & Cornudas volcanics and intrusives	intrusive bodies	
Mesozoic	Cretaceous	Early	Mesilia Vailey Sh. Muieros Fm. Washita Gp. (undivided) Cox Fm. Campagrande Fm.	Washita Gp. (undivided) Cox Fm.	Tucumcarl Fm.
	Jurassic			Montmorillonite clay in Capitan vugs	
	Triassic	Late	San Pedro Arroyo Fm.	San Pedro Arroyo Fm.	E latan Mbr.
			Santa Rosa Fm. Quartermaster-Dewey Lake Fm.	Santa Rosa Fm.	Camp Springs Mbr.
	Permian	Ochoan		Quartermaster-Dewey Lake Fm.	Quartermaster-Dewey Lake Fm.
			Rustler Fm. Salado Fm.	Rustler Fm. Salado Fm.	Rustler Fm. Salado Fm.
			Castile Fm.	Castile Fm.	Castile Fm.
		Guadalupian	Tansill Fm.	Lamar C. Bader	Tansill Fm. Yates Fm.
			O Davida Divide Em	Hader Pinery Hegler Manzanita	Seven Rivers Fm. Queen Fm.
			Grayburg Fm. Goat Seep Cherry Canyon tongue	South Wells Cherry Canyon Fm.	Grayburg Fm.
			Lovington Ss. San Andres Fm.	Brushy Canyon Fm.	San Andres Fm. Tubb Ss.
					Clear Fork Fm.
Paleozoic		Leonardian	Fm. Victorio Peak	Bone Spring Fm.	Wichita Fm.
		Wolfcampian	Hueco Gp. Pow Wow Cg.	Hueco Gp. Abo Fm.	Abo Fm.
	Pennsylvanian	Virgilian	Cisco Gp.	Cisco Gp.	Cisco Gp.
		Missourian	Canyon Gp.	Canyon Gp.	Canyon Gp.
		Desmoinesian	Strawn Gp.	Strawn Gp	Strawn Gp
		Atokan	unnamed	unnamed	unname
		Morrowan	unnamed	unnamed	
	Mississippian		limestone	Barnett shale limestone	limestone
		Kinderhookian	unnamed Woodford shale	unnamed Woodford shale	unnamed Woodford shale
	Devonian	Early	unnamed	unnamed	unnamed
	Silurian	Late	unnamed Unnamed Fusselman dolomite	unnamed Fusselman dolomite	unnamed Fusselman dolomite
		Late		V/////////////////////////////////////	
	Ordovician	Middle	Montoya dolomite Simpson Group	Montoya dolomite Simpson Group	Montoya Simpson Group
		Early	Ellenburger dolomite	Ellenburger dolomite	Ellenburger dolomite
	Cambrian	Late	Bliss sandstone	Bliss sandstone	Bliss sandstone

Precambrian

Shaded area shows informal oil and gas stratigraphic units in subsurface.