PUBLICATIONS AND OTHER WORKS BY R. F. DIFFENDAL, JR.

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Publications and Other Works by R.F. Diffendal, Jr.

January 2019

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Field Guides

2012  Geologic Observations along the Steamboat Trace Trail, Markers 16-20, in the Vicinity of Peru, Nemaha County, Nebraska (Including on the Indian Cave Sandstone): University of Nebraska–Lincoln DigitalCommons; http://digitalcommons.unl.edu/diffendal/2/


2003  Diffendal, R.F., Jr., and Anne P. Diffendal; Lewis and Clark and the geology of Nebraska and parts of adjacent states: Conservation and Survey Division, University of Nebraska, Educational Circular 18: 32+iv p.


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1979 Contributed to Thickness of the principal aquifer, North Platte 1° × 2° and Scottsbluff 1° × 2° maps: University of Nebraska-Lincoln, Conservation and Survey Division, GM-56.

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1979 Contributed to Thickness of principal aquifer, Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division, GM-53.

1979 Contributed to Configuration of base of principal aquifer, Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division, GM-52.

Cover Photographs

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2012 Cover photograph: Great Plains Research, v. 22 (2).

2011 Cover photograph: Great Plains Research, v. 21 (1).

2009 Cover photograph: Great Plains Research, v. 19 (1).

2008 Cover photograph: Great Plains Research, v. 18 (2).

2008 Cover photograph: Great Plains Research, v. 18 (1).

2006 Cover photograph: Great Plains Research, v. 16 (2).
1994  Cover photograph: University of Wyoming Contributions to Geology, v. 30 (2).  
1987  Cover photograph: University of Nebraska-Lincoln, Conservation and Survey Division (CSD) Resource Notes, v. 1 (3).  
1984  Cover photograph: University of Wyoming Contributions to Geology, v. 22 (2).  

Other Photographs

2012  Photograph on map of Top 50 Ecotourism Sites in the Great Plains.  
2006  Photograph in Editor’s Note, Great Plains Research, v. 16 (2), p. 115.  

Newspaper and Other Articles


Test-Hole Logs


Television Programs

2000 Interview on Water Riches Grade School Program - KNOP-TV, North Platte.

1999 Geologic Points of Interest For Tourist Development - Shixing County, Guangdong Province, China, TV.

1997 Saturday With a Scientist - Chimney Rock - For UNL Public Relations - Aired on stations across Nebraska.

1986 Consultant to WTTW and the British Broadcasting Corporation on filming parts of the program The Making of a Continent.
Geonotes


Abstracts

2019 With a spoonful of sugar the medicine goes down: Using an existing interest to initiate geoscience engagement: Geological Society of America Abstracts with Programs, v. 51.


2010 Pabian, Roger K., and R.F. Diffendal, Jr. Evidence of a Late Paleozoic faunal kill in the Hughes Creek Shale Member, Foraker Formation (Late Pennsylvanian?/Early Permian?) in south-eastern Nebraska: Nebraska Academy of Sciences Proceedings of the 120th Annual Meeting: p. 98.


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1987  The Sidney Gravel and Kimball Formation, supposed parts of the Ogallala Group (Neogene), are not objectively mappable units: Ogallala Symposium Abstracts: p. 9.


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1983  The applicability of the concept of the "Sidney Gravel" to rocks of the Ogallala Group exposed in southern Banner County, Nebraska: TER-QUA ‘83 Program with Abstracts: p. 17.

1983  Megaclasts in channel fills in the Ogallala Group (late Tertiary), Banner, Kimball, and Morrill counties, Nebraska: Nebraska Academy of Sciences Proceedings of the 93rd Annual Meeting: p. 46.

1982 Neogene development of southeastern Banner County, Nebraska, and adjacent areas: TER-QUA '82 Program with Abstracts: p. 11.

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1974 Microfossils from the upper Severy Shale near Dubois, Nebraska: Nebraska Academy of Sciences Proceedings of the 84th Annual Meeting: p. 31.

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P Swinehart, J.B., and R.F. Diffendal, Jr.; Stratigraphy of the Broadwater Formation, western Nebraska.

P Roadside geology of Nebraska.

P Perkins, M., R.F. Diffendal, Jr. and M.R. Voorhies; Volcanic ash chronology and correlation, Ogallala Group, Nebraska and NW Kansas.


P Diffendal, R.F., Jr., and D. Oldham; Relationship of surface structures and geomorphology to Permo-Pennsylvanian salt solution and collapse, western Nebraska.

P Timperley, C.L., R.F. Diffendal, Jr., and M.R. Voorhies; New Arikareen (Late Oligocene) fossil sites in northeastern Nebraska.

P Joeckel, M., and R.F. Diffendal, Jr.; Geologic guide to the Lake McConaughy Visitor Center area.

P Pabian, R.K., and R.F. Diffendal, Jr.; Geology along the Nebraska City to Brownville Bike Trail.

**Geologic Maps—Nebraska**

7.5-minute Geologic with Outcrop, Structural and Economic Information—Open-File or work maps, University of Nebraska-Lincoln, Conservation and Survey Division

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* with Cinda Timperly    + with Hannan LaGarry

**Geologic Maps—Nebraska** — 7.5-minute Maps with Some Information

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Lisco SW
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Lodgepole SE
Lodgepole SW
Lone Pine Butte
Mount Vernon
Mud Springs SE
Mud Springs SW
Oliver Reservoir
Owasco
Paxton S
Paxton SW
Pine Bluffs
Potter SW
Swedish Cem.
Wildcat Mtn.
Wright Gap

Public Documents


Miscellaneous Publications


2006  Editor’s Note: Great Plains Research, v. 16(2), p. 115- 116.

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1999  George R. Hallberg Citation: GSA Today, v. 9(3):19-20.


Editing


2004–2013  Great Plains Research

2013  Korus, J. et al., The Groundwater Atlas of Nebraska (3rd Revised Edition), Conservation and Survey Division, University of Nebraska, Resource Atlas 4b, 64 p. (*** This publication has been
awarded the 2014 John C. Frye Memorial Award by the Association of American State Geologists and the Geological Society of America as Best Environmental Geology Publication of 2014.)
