University of Nebraska - Lincoln DigitalCommons@University of Nebraska - Lincoln

Papers in Natural Resources

Natural Resources, School of

5-2014

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

Robert F. Diffendal University of Nebraska - Lincoln, rdiffendal 1@unl.edu

Follow this and additional works at: http://digitalcommons.unl.edu/natrespapers

Part of the Geology Commons, Geomorphology Commons, Natural Resources and

Conservation Commons, and the Other Environmental Sciences Commons

Diffendal, Robert F., "PUBLICATIONS AND OTHER WORKS BY R. F. DIFFENDAL, JR." (2014). Papers in Natural Resources. Paper 114.

http://digital commons.unl.edu/natrespapers/114

This Article is brought to you for free and open access by the Natural Resources, School of at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Papers in Natural Resources by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

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

May 2014

Articles

- 2005 Chen, X., Y. Yin, J.W. Goeke, and R.F. Diffendal, Jr.; Vertical movement of water in a High Plains Aquifer induced by a pumping well: Environmental Geology, v. 47 (7), p. 931-941.
- Joeckel, R.M., and R.F. Diffendal, Jr.; Geomorphic and environmental change around a large, aging reservoir: Lake C.W. McConaughy, western Nebraska, USA: Environmental and Engineering Geoscience, v. X(1): p. 69-90.
- 2002 Huang, Pei-Hua, R.F. Diffendal, Jr., and M. Yang, Structural and geomorphological evolution of Huangshan (Yellow Mountain), Anhui Province, China: TER-QUA Symposium Series, v. 3: p. 109-124.
- 1999 Earth in four dimensions Development of the ideas of geologic time and history: Nebraska History, v. 80(3): p. 95-104.
- 1999 Geology and groundwater: *In* Wilson, J.R. and others, Soil Survey of Garden County, Nebraska, U.S.D.A. Natural Resources Conservation Service: p. 2-5.
- 1999 Huang, P-H., R.F. Diffendal, Jr., M. Yang, and P.E. Helland; Mountain evolution and environmental changes of Huangshan (Yellow Mountain), China: Journal of Chinese Geography, 9(1): p. 25-34.
- 1998 Huang, P-H., R.F. Diffendal, Jr., M. Yang, and P.E. Helland; Mountain evolution and environmental changes of Huangshan, China (In Chinese with English abstract): Scientia Geographica Sinica, v. 18(5): p. 401-408.
- 1997 Geology: *In* Borchers, G.A., and S. Hartung, Soil Survey of Cheyenne County, Nebraska, U.S.D.A. Natural Resources Conservation Service: p. 2-3.
- 1997 Groundwater: *In* Borchers, G.A., and S. Hartung, Soil Survey of Cheyenne County, Nebraska, U.S.D.A. Natural Resources Conservation Service: p. 3-4.
- 1997 Geology of the Ponca Creek and Keya Paha River drainage basins in Nebraska: *In* Holen, S.R., and D.R. Watson, An archaeological survey of Ponca Creek and the Keya Paha River drainages in Nebraska, University of Nebraska State Museum, Nebraska Archaeological Survey Technical Report 97-02, p. 16-19.
- Helland, P.E., P-H. Huang, and R.F. Diffendal, Jr.; SEM analysis of quartz sand grain surface textures indicates alluvial/colluvial origin of the Quaternary "glacial" boulder clays at Huangshan (Yellow Mountain), east-central China: Quaternary Research, v. 48: p. 177- 186.
- 1996 Diffendal, R.F., Jr., and F.A. Smith; Geology beneath the primary Management Systems Evaluation Area (MSEA) site, southwest of Shelton, Buffalo County, Nebraska:

- Conservation and Survey Division, University of Nebraska, Report of Investigations No. 11: 20 p.
- 1996 Narayanan, R.M., K.K. Warner, and R.F. Diffendal, Jr.; Estimation of abundances in twocomponent mineral mixtures using mid-infrared laser reflectance ratios: Proceedings of the 1996 International Geoscience and Remote Sensing Symposium, v. 2: p. 1017-1019.
- 1994 Feng, Z-D, W.C. Johnson, and R.F. Diffendal, Jr.; Environments of aeolian deposition in south-central Nebraska during the last glacial maximum: Physical Geography, v. 15(3): p. 249-261.
- 1994 Diffendal, R.F., Jr., and M.R. Voorhies; Geologic framework of the Niobrara River drainage basin and adjacent areas in South Dakota generally east of the 100th meridian west longitude and west of the Missouri River: Conservation and Survey Division, University of Nebraska, Report of Investigations No. 9: 13 p.
- 1994 Geomorphic and structural features of the Alliance 1° × 2° Quadrangle, western Nebraska, discernible from synthetic-aperture radar imagery and digital shaded-relief maps: University of Wyoming Contributions to Geology, v. 30 (2): p. 137-147.
- 1993 Diffendal, R.F., Jr., and M.R. Voorhies; Geologic framework of the Niobrara River drainage basin and adjacent areas in South Dakota generally east of the 100th meridian west longitude and west of the Missouri River: Proceedings of the Niobrara Basin Research Symposium: 8 p. + 12 p. addendum.
- 1993 Spalding, R.F., M.E. Burbach, R.F. Diffendal, Jr., M.E. Exner, and T.D. Papiernik; Analysis of NO₃–N distribution beneath Nebraska MSEA blocks: Proceedings of Agricultural Research to Protect Water Quality Conference: p. 314-317.
- 1993 Helland, P.E., and R.F. Diffendal, Jr.; Probable glacial climatic conditions in source areas during deposition of parts of the Ash Hollow Formation, Ogallala Group (late Tertiary), of western Nebraska: American Journal of Science, v. 293: p. 744-757.
- 1993 Diffendal, R.F., Jr., and A. Lowrie; Application of sealevel stratigraphy to Neogene Great Plains stratigraphy: Gulf Coast Association of Geological Societies Transactions: v. 43, p. 121-129.
- 1993 Understanding groundwater starts with the rocks: Geologic framework, groundwater occurrence and irrigation development in Nebraska: *In* Flowerday, C.E., ed., Flatwater: A history of Nebraska and its water, Conservation and Survey Division, University of Nebraska, Resource Report No. 12: p. 50-54.
- 1993 Profile of Nelson Horatio Darton: His surveys laid the foundation: *In* Flowerday, C.E., ed., Flatwater: A history of Nebraska and its water, Conservation and Survey Division, University of Nebraska, Resource Report No. 12: p. 67-68.
- 1992 Gardner, L.R., R.F. Diffendal, Jr., and D.F. Williams; Stable isotope composition of calcareous paleosols and ground-water cements from the Ogallala Group (Neogene), western Nebraska: University of Wyoming Contributions to Geology, v. 29(2): p. 97-109.

- 1991 Plate tectonics, space, geologic time and the Great Plains a primer for non-geologists: Great Plains Quarterly, v. 11(2): p. 83-102.
- 1990 The Sidney Gravel and Kimball Formation, supposed parts of the Ogallala Group (Neogene), are not objectively mappable units: *In* Gustavson, T.C., ed., Geologic framework and regional hydrology: Upper Cenozoic Blackwater Draw and Ogallala formations, Great Plains, Texas Bureau of Economic Geology: p. 23-38.
- 1989 Swinehart, J.B., and R.F. Diffendal, Jr.; Geology of the pre-dune strata: *In* Bleed, A., and C. Flowerday, eds., An atlas of the Sand Hills, Conservation and Survey Division, University of Nebraska, Resource Atlas No. 5: p. 29-42; Revised edition Atlas No. 5A, 1990.
- 1988 River potholes, modern and ancient: Explorer, v. 30(3): p. 33-35.
- Goodwin, R.G., and R.F. Diffendal, Jr.; Paleohydrology of some Ogallala (Neogene) streams in the southern panhandle of Nebraska: *In* Ethridge, F.G., R.M. Flores, and M.D. Harvey, eds., Recent developments in fluvial sedimentology, Society of Economic Paleontologists and Mineralogists Special Publication 39: p. 149-157.
- Swinehart, J.B., V.L. Souders, H.M. DeGraw, and R.F. Diffendal, Jr.; Cenozoic paleogeography of western Nebraska: *In* Flores, R., and S. Kaplan, eds., Cenozoic paleogeography of the west -central United States, S.E.P.M. Rocky Mountain Section, Rocky Mountain Paleogeography Symposium 3: p. 209-229.
- 1985 Overview of Nebraska's and regional aquifer--Part I: Nebraska Water Resources Center Seminar Series: p. 1-12.
- Diffendal, R.F., Jr., J.B. Swinehart, and J. Gottula, Characteristics, age relationships, and regional importance of some Cenozoic paleovalleys, southern Nebraska panhandle: TER-QUA Symposium Series, v. 1: p. 21-32.
- The inapplicability of the concept of the "Sidney Gravel" to the Ogallala Group (late Tertiary) in part of southern Banner County, Nebraska: TER-QUA Symposium Series, v. 1: p. 185-191.
- 1984 Comments on the geologic history of the Ogallala Formation in the southern panhandle of Nebraska: Proceedings of the Ogallala Symposium II: p. 194-216.
- 1984 Evidence for the Quaternary piracy of a segment of Pumpkin Creek, southern Morrill County, Nebraska: Nebraska Academy of Sciences Transactions, v. XII: p. 65-69.
- Armored mud balls and friable sand megaclasts from a complex early Pleistocene alluvial fill, southwestern Morrill County, Nebraska: Journal of Geology, v. 92: p. 325-330.
- 1984 Megaclasts in alluvial fills from the Ogallala Group (Miocene), Banner, Kimball, and Morrill counties, Nebraska: University of Wyoming Contributions to Geology, v. 22(2): p. 109-115.

- 1983 Corner, R.G., and R.F. Diffendal, Jr.; An Irvingtonian fauna from the oldest Quaternary alluvium in eastern Pumpkin Creek Valley, Morrill and Banner counties, Nebraska: University of Wyoming Contributions to Geology, v. 22(1): p. 39-43.
- 1983 Diffendal, R.F., Jr., and R.G. Corner; Asymmetrical distribution of Quaternary alluvial fills, Pumpkin Creek drainage basin, western Nebraska: Geological Society of America Bulletin, v. 94(6): p. 720-729.
- 1982 Gully, scour hole, and pothole development at the base of the Gering Formation (Miocene?), southeastern Banner County, Nebraska: University of Wyoming Contributions to Geology, v. 21 (1): p. 1-6.
- 1982 Regional implications of the geology of the Ogallala Group (upper Tertiary) of southwestern Morrill County, Nebraska and adjacent areas: Geological Society of America Bulletin, v. 93: p. 964-976.
- 1981 Diffendal, R.F., Jr., and R.R. Burchett; Gravity and ground magnetic investigations in eastern Nebraska: NUREG/CR-2411: p. 21-44.
- 1981 Diffendal, R.F., Jr., and R.R. Burchett; Gravity and ground magnetic investigations in eastern Nebraska: NUREG/CR-2132: p. 20-37.
- 1980 The Rush Creek-Lisco structural basin, Garden and Morrill counties Nebraska: Nebraska Academy of Sciences Transactions, v. VIII: p. 123-129.
- 1980 Ash Hollow Historical Park: Rocks and Minerals, v. 55 (3): p. 93-96.
- Paleoecology of *Pseudozaphrentoides verticillatus* (Barbour) in the Plattsmouth Limestone (Pennsylvanian): Compass of Sigma Gamma Epsilon, v. 42(2): p. 101-115.

Chapters in Books

- 2004 Topographic Maps: *In* Wishart, D.J., ed., Encyclopedia of the Great Plains, University of Nebraska Press, Lincoln, NE, p. 641
- 2004 Ogallala Aquifer: *In* Wishart, D.J., ed., Encyclopedia of the Great Plains, University of Nebraska Press, Lincoln, NE, p. 857-858.

Field Guides

- 2012 Diffendal, R.F., Jr.; 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 the Great Plains: Conservation and Survey Division, University of Nebraska, Educational Circular 17, 126+iv p.

- 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.
- 2003 Pabian, R.K., R.F. Diffendal, Jr., and D.R. Boardman, 11; Southeast Nebraska geology: A.A.S.G. Field Trip 3 Guidebook, 14 p.
- 2003 Ash Fall Historic Park: A.A.S.G. Field Trip 5 Guidebook, 32 p.
- 2003 Pabian, R.K., and R.F. Diffendal, Jr.; Late Pennsylvanian and earliest Permian cyclic sedimentation and paleo-ecology in southeastern Nebraska: *In* Niemi, T., ed., Geologic field trips in the Greater Kansas City area, Missouri Geological Survey, Special Publication 11, p. 35-52.
- 2002 Diffendal, R.F., Jr., D.R. Mohlman, R.G. Corner, F.E. Harvey, K.J. Warren, S. Summerside, R.K. Pabian, and D.A. Eversoll. Field guide to the geology of the Harlan County Lake Area, Harlan County, Nebraska--with a history of events leading to construction of Harlan County Dam: Conservation and Survey Division, University of Nebraska, Educational Circular 16, 61 + vi p.
- 1999 Geology of Rock Creek Station State Historical Park: University of Nebraska-Lincoln, Conservation and Survey Division Educational Circular 11a, 16 p.
- Diffendal, R.F., Jr., R.L. Skelly, F.G. Ethridge, D.A. Eversoll, D.K. Watkins, B.E. Bailey, and C.A. Flowerday; Geology of Niobrara State Park, Knox County, Nebraska, and adjacent areas--With a brief history of the park, Gavins Point Dam, and Lewis and Clark Lake: Conservation and Survey Division, University of Nebraska, Educational Circular 13, 28 p.
- 1996 Diffendal, R.F., Jr., R.K. Pabian, and J.R. Thomasson; Geologic history of Ash Hollow State Historical Park, Nebraska: Conservation and Survey Division, University of Nebraska, Educational Circular 5a: 35 p.
- 1995 Geology of the Ogallala-High Plains Regional Aquifer System in Nebraska: *In* Diffendal, R.F., Jr., Chair, and Flowerday, C.F., ed., Geologic field trips in Nebraska and adjacent parts of Kansas and South Dakota, Conservation and Survey Division, University of Nebraska, Guidebook No. 10, p. 61-75.
- 1993 Diffendal, R.F., Jr., and R.K. Pabian; Geologic field guide to the Cedar Point Biological Station, Keith County, Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division, Private Circulation Guide (Revised): 26 p.
- 1991 Pabian, R.K., and R.F. Diffendal, Jr.; Pennsylvanian and Permian strata and cyclothems in Pawnee and Richardson counties, Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division Education Circular 9: 64 p.
- 1989 Pabian, R.K., and R.F. Diffendal, Jr., compilers; Late Pennsylvanian and Early Permian cyclic sedimentation, paleogeography, and biostratigraphy in Kansas and Nebraska: Geological Society of America-University of Nebraska-Lincoln, Conservation and Survey Division Guidebook GB-9: 75 p.

- 1987 Ash Hollow State Historical Park: Type area for the Ash Hollow Formation (Miocene), western Nebraska: Geological Society of America Centennial Field Guide--North-Central Section Trip 6: p. 29-34.
- 1987 Swinehart, J.B., and R.F. Diffendal, Jr.; Duer Ranch, Morrill County, Nebraska: Contrast between Cenozoic fluvial and eolian deposition: Geological Society of America Centennial Field Guide--North-Central Section Trip 5: p. 23-28.
- 1987 Geology of Rock Creek Station State Historical Park: University of Nebraska-Lincoln, Conservation and Survey Division Field Guide FG-11: 10 p.
- 1984 Swinehart, J.B., M. Rebone, R.F. Diffendal, Jr., and R. Hunt, Jr.; Cenozoic geology of the southern Nebraska panhandle: Nebraska Geological Society Fall Field Trip Guidebook: 34 p.
- 1982 Diffendal, R.F., Jr., R.K. Pabian, and J.R. Thomasson; Geologic history of Ash Hollow Park, Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division Educational Circular 5: 33 p.
- 1981 Pabian, R.K., and R.F. Diffendal, Jr.; Geology of Lake McConaughy area-Keith County, Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division Field Guide FG-10: 22 p.
- 1979 Geologic field guide to the Cedar Point Biological Station, Keith County, Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division, Private Circulation Guide: 17 p.

Geologic Maps

- 2008 Diffendal, R.F., Jr., M. E. Voorhies, E. Jane Voorhies, H. E. LaGarry, C. L. Timperly, and M. E. Perkins; Geologic map of the O'Neill 1° × 2° Quadrangle, Nebraska, with configuration maps of surfaces of formations: University of Nebraska-Lincoln, Conservation and Survey Division Geologic Map GMC-34, scale 1:250,000, one sheet with accompanying 29-page pamphlet.
- 1998 Parts of maps and text in Flowerday, C., ed.; The Groundwater Atlas of Nebraska: University of Nebraska-Lincoln, Conservation and Survey Division Resource Atlas No. 4a: 44 p.
- 1997 Swinehart, J.B., and R.F. Diffendal, Jr.; Geologic map of the Scottsbluff 1° × 2° Quadrangle, Nebraska and Colorado: U.S. Geological Survey, Geologic Investigations Series Map 1-2545, scale 1:250,000, one sheet.
- 1995 Swinehart, J.B., and R.F. Diffendal, Jr.; Geologic map of Morrill County, Nebraska: U.S. Geological Survey, Miscellaneous Investigations Map 1-2496, scale 1:62,500, one sheet.
- 1991 Geologic map showing configuration of the bedrock surface, North Platte 1° × 2° Quadrangle, Nebraska: U.S. Geological Survey, Miscellaneous Investigations Map 1-2277, scale 1:250,000, one sheet.

- 1986 Parts of maps in Flowerday, C., ed.; The Groundwater Atlas of Nebraska: Conservation and Survey Division Resource Atlas No. 4: 32 p.
- 1986 Part of Burchett, R. R., compiler; Geologic bedrock map of Nebraska.
- Diffendal, R.F., Jr., R. R. Burchett, H. M. DeGraw, M. P. Carlson, D. Eversoll, W. Gosnold, M. Kuzila, and J. Culver; Keith County, Nebraska, Map Series: University of Nebraska-Lincoln, Conservation and Survey Division, Open-file report: 27 p.
- 1984 Contributed part of southern Nebraska panhandle geologic map for Geological Highway Map of the Northern Great Plains Region: American Association of Petroleum Geologists Map No. 12.

Other Maps

- 2001 Contributed to <u>Ecoregions of Nebraska and Kansas</u>: U.S. Geological Survey Map, scale 1:1,950,000, 2 sheets.
- 1979 Contributed to <u>Thickness of the principal aquifer, North Platte 1° × 2° and Scottsbluff 1° × 2° maps:</u> University of Nebraska-Lincoln, Conservation and Survey Division, GM-56.
- 1979 Contributed to <u>Base of the principal aquifer</u>, <u>North Platte 1° × 2° and Scottsbluff 1° × 2° maps</u>: University of Nebraska-Lincoln, Conservation and Survey Division, GM-55.
- 1979 Contributed to <u>Thickness of principal aquifer, Nebraska</u>: University of Nebraska-Lincoln, Conservation and Survey Division, GM-53.
- 1979 Contributed to <u>Configuration of base of principal aquifer, Nebraska</u>: University of Nebraska-Lincoln, Conservation and Survey Division, GM-52.

Cover Photographs

- 2013 Cover photograph: Great Plains Research, v. 23 (1).
- 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).
- 2000 Cover photographs: Maps and cross sections showing configurations of bedrock surfaces, Broken Bow $1^{\circ} \times 2^{\circ}$ quadrangle, east-central Nebraska: U.S. Geological Survey Geologic Investigations Series Map 1-2725.

- 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) .
- 1986 Cover photograph: CSD Resource Notes, v. 1 (2).
- 1984 Cover photograph: University of Wyoming Contributions to Geology, v. 22 (2).
- 1983 Cover photograph: Journal of Geological Education v. 13 (1).

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.
- 2001 Photographs in Moulton, G.E., Lewis and Clark on the Middle Missouri, p. 5, 14, 28, 33.
- 2000 Photographs on p. 28: CSD Resource Notes, v. 14(1).
- 1997 Photographs on p. 22-25: Sesow, W. and S. Wunder, Journey Through Nebraska: Instructional Materials Council.

Newspaper and Other Articles

- 2001 Extensively quoted in Forsberg, M., <u>Lake Mac's South Shore: A Glimpse into the Past</u>: NEBRASKAland, v. 79 (3): p. 36-41.
- 1999 Contributed information used in <u>Geology of Lewis and Clark Landmarks Above Sioux</u> <u>City Explained</u>: CSD Resource Notes, v. 13: p. 28-29.
- 1993 Geologic mapping of Nebraska, 1845–1993: CSD Resource Notes, v. 7: p. 3-6.
- 1991 Return of the geologist: China five years later: CSD Resource Notes, v. 5: p. 30-32.
- 1986 Low-tech development yields economic growth and pollution (China): CSD Resource Notes, v. 1 (1): p. 6-7.
- 1986 Diffendal trip to China: CSD Newsletter No. 9: p. 2-3.
- 1982 Nebraska's High Plains-Ogallala aquifer has complex geology: University of Nebraska-Lincoln, Agricultural Communications 1982 Special Edition Story No. 2: 5 p.
- 1982 University examines aquifer: Farm/Ranch Exchange, May 1982: p. 10.

Test-Hole Logs

- 2004 Diffendal, R.F., Jr., and James W. Goeke; Keith County test-hole logs: University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 51 (Expanded Ed.), xx+121 p.
- 2000 Diffendal, R.F., Jr., and James W. Goeke; Arthur County test-hole logs: University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 3, xviii+56 p.
- 2000 Diffendal, R.F., Jr., and James W. Goeke; Keith County test-hole logs: University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 51, xx+115 p.
- 2000 Cheyenne County test-hole logs (Revised): University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 17, xxiv+246 p.
- 1999 Cheyenne County test-hole logs: University of Nebraska- Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 17, xxiii+243 p.; Addendum, iv+10 p.
- 1999 Deuel County test-hole logs: University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 25, vi+93 p.
- 1998 Lackey, S.O., F.A. Smith and R.F. Diffendal, Jr.; Holt County test-hole logs: University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 45, 110 p.
- 1998 Lackey, S.O., F.A. Smith and R.F. Diffendal, Jr.; Antelope County test-hole logs: University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 2, 105 p.

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 <u>Saturday With a Scientist Chimney Rock</u> 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

1993 Niobrara River Basin geological references: University of Nebraska-Lincoln, Conservation and Survey Division Geonotes GIM-53: 10 p.

Abstracts

- 2014 Perkins, M. E., Diffendal, R.F., Jr., Voorhies, M. R., Nash, B. P., and Bailey, B. E.; Ashfall Tephra in the Ogallala Group of the Great Plains: Characteristics and Significance: Geological Society of America Abstracts with Programs, v. 46(4): p. 51.
- 2011 Wooden, S.R., Jr., R.M. Joeckel, J.T. Korus, and R.F. Diffendal, Jr.; Lithofacies and stratigraphic architecture of the Ash Hollow Formation, Ogallala Group in the General Type Area: Geological Society of America Abstracts with Programs, v. 43(5): p. 601.
- 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.
- 2009 Witte, Stephen S., and R.F. Diffendal, Jr.; Prince Maximilian, Karl Bodmer, and the geology of the Great Plains: Geological Society of America Abstracts with Programs, v. 41(4): p. 66.
- 2005 Diffendal, Robert F., and Anne P. Diffendal; Lewis and Clark and the geology of the Great Plains: SIPES Annual Meeting Program: p. 15.
- 2005 Meriwether Lewis and William Clark Observations on natural resources of the Great Plains, 1804-1806: Geological Society of America Abstracts with Programs, v. 37 (5): p. 19.
- 2004 Geological observations by Lewis and Clark along the Missouri River in Nebraska in 1804: Geological Society of America Abstracts with Programs, v. 36(3): p. 46.
- 2003 Overview of Phanerozoic stratigraphy and geologic history of Nebraska and parts of adjacent states in the central Great Plains: U.S. Array and the Great Plains A Pre-Earthscope Workshop, Program Book, p. 14-15.
- 2003 Lewis and Clark (1804-06): Geological and natural resources observations across the Great Plains: Geological Society of America Abstracts with Programs, v. 35(2): p. 11.
- Joints, faults, angular unconformities reconsidered Harlan County Lake, Nebraska: Geological Society of America Abstracts with Programs, v. 35 (2): p. 51.
- Joints, faults, angular unconformities Harlan County Lake, Nebraska: Geological Society of America Abstracts with Programs, v. 34 (6): p. 79.
- 2002 Diffendal, R.F., Jr. and S. Summerside; Faults, angular unconformities, ancient landslides and paleotopographies Harlan County Lake, Nebraska: Geologic Society of America Abstracts with Programs, V. 34 (2): p. A-40.

- 2001 Diffendal, R.F., Jr. and Joeckel, R.M.; Impacts of a large reservoir: Lake McConaughy, Nebraska, USA: Geological Society of America Abstracts with Programs, v. 33 (6): p. A-365.
- 2001 Joeckel, R.M. and R.F. Diffendal, Jr.; Solid rock or shifting sand . . . It may not matter: Shoreline degradation at Nebraska's largest manmade lake: Geological Society of America Abstracts with Programs, v. 33(4): p. A-15.
- 1999 Wayne, W.J. and R.F. Diffendal, Jr.; Late Miocene to Holocene changes in drainages across Nebraska: Geological Society of America Abstracts with Programs, v. 31 (7): p. A-496.
- 1998 Oldham, D.W. and R.F. Diffendal, Jr.; Relationship of salt-solution features to oil and gas entrapment and surface anomalies, Denver Basin, western Nebraska: A.A.P.G. Bulletin, v. 82 (9): p. 1771.
- 1998 Diffendal, R.F., Jr., and D.W. Oldham; Salt dissolution origin for surface geomorphic and structural anomalies, western Nebraska: Geological Society of America Abstracts with Programs, v. 30 (2): p. 14-15.
- 1998 Timperley, C.L., R.F. Diffendal, Jr., and M.R. Voorhies; More Arikarean (Late Oligocene) mammals from northeastern Nebraska: Academy of Science Proceedings of the 108th Annual Meeting: p. 51.
- 1997 Historical development of the concept and geologic history of the High Plains (Ogallala) Aquifer System in Nebraska: 1997 TER-QUA Symposium Abstracts: p. 7.
- 1997 Pabian, R.K., R.F. Diffendal, Jr., D. Harris, and M.R. Bolick; Some geological, paleontological, and paleobotanical observations on the Cretaceous Dakota Group, Graneros Shale, and Greenhorm Limestone Formations in Jefferson County, Nebraska: Nebraska Academy of Sciences Proceedings of the 107th Annual Meeting: p. 49.
- 1996 Geology of the High Plains Aquifer in Nebraska revisited: Geological Society of America Abstracts with Programs, v. 28 (7): p. 77-78.
- 1996 Huang, P-H., P.E. Helland, R.F. Diffendal, Jr., and M. Yang; Cenozoic geomorphic development of Huangshan (Yellow Mountain), Anhui Province, People's Republic of China: TER-QUA '96 Program with Abstracts: p. 24.
- 1996 Perkins, M.E., R.F. Diffendal, Jr., and M.R. Voorhies; Update on efforts to correlate Ash Hollow Formation (Miocene) volcanic ash deposits across parts of Nebraska, Kansas, and South Dakota and to correlate some of those deposits with specific Snake River Plain volcanic province eruptions: TER-QUA '96 Program with Abstracts: p. 25.
- 1996 Diffendal, R.F., Jr., and P-H. Huang; Weathering and structural features of Huangshan (Yellow Mountain) in China: Geological Society of America Abstracts with Programs, v. 28 (6): p. 36.
- 1995 Helland, P., P-H. Huang, and R.F. Diffendal, Jr.; Preliminary assessment of the origin of the boulder clays of Huangshan (Yellow Mountain), China, from an analysis of the

- quartz sand grain surface textures: Geological Society of America Abstracts with Programs, v. 27 (6): p. 56.
- 1995 Huang, P-H., R.F. Diffendal, Jr., and Ming Yang; Geomorphological evolution of Huangshan (Yellow Mountain) in China: Geological Society of America Abstracts with Programs, v. 27 (6): p. 377.
- 1995 Review of the Ogallala and younger Neogene of Nebraska Things known and things not known: Geological Society of America Abstracts with Programs, v. 27 (3): p. 47.
- 1995 Perkins, Michael E., R.F. Diffendal, Jr., and M.R. Voorhies; Tephrochronology of the Ash Hollow Formation (Ogallala Group), northern High Plains: Geological Society of America Abstracts with Programs, v. 27 (3): p. 79.
- 1993 Diffendal, R.F., Jr., and A. Lowrie; Application of sea level stratigraphy to Neogene Great Plains: American Association of Petroleum Geologists Bulletin, v. 77 (9): p. 1586.
- 1993 Spalding, R., M. Burbach, R.F. Diffendal, Jr., M. Exner, and T. Papiernik; Analysis of nitrate-nitrogen distribution beneath Nebraska MSEA Management Blocks: Soil and Water Conservation Society Abstracts of Conference on Agricultural Research to Protect Water Quality: p. 17.
- 1992 Synthetic-aperture radar imagery and digital shaded relief map of northwest Nebraska probable structures and geomorphic features of the region: Nebraska Academy of Sciences Proceedings of the 102nd Annual Meeting: p. 66-67.
- 1991 Gardner, L.R., D.F. Williams and R.F. Diffendal, Jr.; Stable isotope composition of calcareous paleosols from the Ogallala Group (Neogene), western Nebraska: American Geophysical Union Chapman Conference on Continental Isotope Indicators of Climate: 2 p.
- 1991 Gardner, L.R., D.F. Williams, P. Helland, and R.F. Diffendal, Jr.; Current studies on climate at source areas and depositional sites during latest Ogallala Group (Late Neogene) deposition, western Nebraska: TER-QUA '91 Program with Abstracts: p. 7.
- 1991 Helland, P., and R.F. Diffendal, Jr.; Scanning electron microscopic study of quartz sand surface features, Ash Hollow Formation, Ogallala Group, western Nebraska: Nebraska Academy of Sciences Proceedings of the 101st Annual Meeting: p. 57-58.
- 1989 Diffendal, R.F., Jr., and J.B. Swinehart; Tertiary fluvial systems of western and central Nebraska, U.S.A.: 4th International Fluvial Sedimentology Conference Abstracts: p. 123.
- 1989 Diffendal, R.F., Jr., and M.B. Leite, Late Quaternary alluvial and lacustrine fills, Keith and Garden counties, Nebraska the conundrum reconsidered: TER-QUA '89 Program with Abstracts: p. 13.
- Lowrie, A., and R.F. Diffendal, Jr.; Application of marine sealevel stratigraphy to Neogene Great Plains stratigraphy: TER-QUA '89 Program with Abstracts: p. 8.

- 1989 Pabian, R.K., R.F. Diffendal, Jr., and others; Late Pennsylvanian and Early Permian cyclic sedimentation, paleogeography, paleocology, and biostratigraphy in Kansas and Nebraska: Missouri Division of Geology and Land Survey Special Publication 5: p. 5-6.
- 1988 Leite, M.B., and R.F. Diffendal, Jr.; Lacustrine deposits in tributary valleys of the North Platte River A Quaternary conundrum in western Nebraska: Geological Society of America Abstracts with Program: p. A348.
- 1987 Swinehart, J.B., and R.F. Diffendal, Jr.; The Broadwater Formation and related units in western Nebraska: Ogallala Symposium Abstracts: p. 24.
- 1987 The Sidney Gravel and Kimball Formation, supposed parts of the Ogallala Group (Neogene), are not objectively mappable units: Ogallala Symposium Abstracts: p. 9.
- Diffendal, R.F., Jr., and J.B. Swinehart; Just how many volcanic ash beds are there in the Cenozoic sequence of western Nebraska? status report: TER-QUA '86 Program with Abstracts: p. 9.
- Paleovalleys to nowhere, megaclast fills, and other unusual phenomena, upper White River-lower Arikaree groups (Oligocene), Morrill and Banner counties, Nebraska: TER-QUA '85 Program with Abstracts: p. 11.
- 1985 Goodwin, R.G., and R.F. Diffendal, Jr.; Paleohydrology of some Ogallala (late Tertiary) streams in the southern panhandle of Nebraska: Third International Fluvial Sedimentology Conference Abstracts: p. 20.
- 1985 Goodwin, R.G., and R.F. Diffendal, Jr.; Paleohydrology of some Ogallala (late Tertiary) streams in the southern panhandle of Nebraska: S.E.P.M. Midyear Meeting Abstracts 11: p. 36.
- 1985 Swinehart, J.B., V.L. Souders, H.M. DeGraw and R.F. Diffendal, Jr.; Cenozoic paleogeography of western Nebraska: S.E.P.M. Midyear Meeting Abstracts 11: p. 88.
- 1985 Swinehart, J.B., V.L. Souders, H.M. DeGraw, and R.F. Diffendal, Jr.; Oligocene to Middle Miocene (White River and Arikaree groups) stratigraphy and paleogeography of western Nebraska: Nebraska Academy of Sciences Proceedings of the 95th Annual Meeting: p. 56-57.
- 1985 Swinehart, J.B., V.L. Souders, H.M. DeGraw, and R.F. Diffendal, Jr.; Middle Miocene to Recent stratigraphy and paleogeography of western Nebraska: Nebraska Academy of Sciences Proceedings of the 95th Annual Meeting: p. 56.
- Diffendal, R.F., Jr., J. Goeke, and M.R. Voorhies; New evidence supporting the Blancan age of the sand and gravel sequence capping the Ash Hollow Formation, Garden, Keith and Lincoln counties, Nebraska: Nebraska Academy of Sciences Proceedings of the 95th Annual Meeting: p. 47-48.
- 1984 Further comments on the nature and developmental history of Quaternary Pumpkin Creek, Banner and Morrill counties, Nebraska: Nebraska Academy of Sciences Proceedings of the 94th Annual Meeting: p. 44.

- Additional comments on the geology of the Ogallala Formation in the southern panhandle of Nebraska: Ogallala Aquifer Symposium II Abstracts: p. 21.
- An examination of the possibility of extending the Sidney Gravel (upper Tertiary) beyond the immediate confines of its type area: TER-QUA '84 Program with Abstracts: p. 7.
- 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 Swinehart, J.B., and R.F. Diffendal, Jr.; The Broadwater Formation (Pliocene) of western Nebraska a revision: TER-QUA '82 Program with Abstracts: p. 18.
- 1982 Neogene development of southeastern Banner County, Nebraska, and adjacent areas: TER-QUA '82 Program with Abstracts: p. 11.
- 1982 Geometries and general features of some Cenozoic valleys and valley fills, western Nebraska: Nebraska Academy of Sciences Proceedings of the 92nd Annual Meeting: p. 47.
- 1982 Geometries and general features of some Cenozoic valleys and valley fills, southern panhandle, Nebraska: Geological Society of America Abstracts with Programs, 14 (5): p. 258.
- An Irvingtonian (Middle Pleistocene) fauna from the highest terrace deposits along Pumpkin Creek, Morrill and Banner counties, Nebraska: Geological Society of America Abstracts with Programs, v. 13 (4): p. 194.
- 1980 Geologic history of the Ogallala Group (Miocene) in southwestern Morrill County, Nebraska: Geological Society of America Abstracts with Programs, v. 12 (7): p. 413.
- 1979 A Gering Formation (Miocene) pumice conglomerate and associated beds from Broadwater, Nebraska: Nebraska Academy of Sciences Proceedings of the 89th Annual Meeting: p. 49.
- 1978 The Rush Creek structure, Garden County, Nebraska: Nebraska Academy of Sciences Proceedings of the 88th Annual Meeting: p. 41.
- 1977 Preliminary report on a Pleistocene pond, Garden County, Nebraska: Nebraska Academy of Sciences Proceedings of the 87th Annual Meeting: p. 40.
- 1975 Microfossils from the Big Springs Limestone (Pennsylvanian) in Nebraska: Nebraska Academy of Sciences Proceedings of the 85th Annual Meeting: p. 39.
- 1974 Microfossils from the upper Severy Shale near Dubois, Nebraska: Nebraska Academy of Sciences Proceedings of the 84th Annual Meeting: p. 31.

- 1972 The Delaware Limestone (Middle Devonian) of southwestern Ontario: Nebraska Academy of Sciences proceedings of the 82nd Annual Meetlng: p. 38.
- 1972 The biostratigraphy of the Delaware Limestone (Middle Devonian of southwestern Ontario: Dissertation Abstracts, v. 32: p. 6546-B.
- 1971 Some microfossil distribution patterns in the Delaware Limestone of southwest Ontario: Geological Society of America, North Central Section, Abstracts: p. 257.

Reviews

- 2014 Review of Not That Flat: Physical Geography of Rugged Sedimentary Landscapes of the Great Plains: In press, Great Plains Research.
- 2011 Review of <u>The Vanishing Face of Gaia: *A Final Warning*</u>: Great Plains Research, v. 21(1): p. 108-109.
- 2010 Review of James Lovelock: In Search of Gaia: Great Plains Research, v. 20(1): p. 139-140.
- 1990 Review of <u>Report on the ARL Serials Prices Project</u>: Library Acquisitions: Practice and Theory, v. 14: p. 132-134.
- 1982 Review of <u>History of Geology in the Northeast</u>: Journal of Geological Education, v. 30 (1): p. 68-69.
- 1981 Reviews of <u>Great Surveys of the American West</u> and <u>Vanguard of Expansion: Army Engineers in the Trans-Mississippi West, 1819-1897</u>: Nebraska History, v. 62 (2): p. 261-263.

Manuscripts Accepted (A), Submitted (S) or In Preparation (P)

- S Geology of the Great Plains A Personal Journey: Book, University of Nebraska Press.
- A The Nebraska State Museum: In press, Rocky Mountain Association of Geologists *Outcrop*.
- A Diffendal, R.F., Jr. and Diffendal, A.P.: Some Reflections on Our Experiences at Sun Yat-Sen University Since 1985: Publication of Department of Earth Sciences, Sun Yat-Sen University on the Occasion of the 90th Anniversary of the University and the Department.
- 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 Pabian, R.K., and R.F. Diffendal, Jr.; Cretaceous of Jefferson and Thayer Counties, Nebraska.
- 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

Abbott Ranch
Ainsworth
Brule NW
Ainsworth
Brule SE
Ainsworth NW+
Bruner Lake
Ainsworth SW
Burton+
Amboy
Bushnell
Amelia
Buske Ranch
Atkinson

Atkinson NE
Atkinson NE
Butte NW
Atkinson NW
Butte SE
Barn Butte
Barn Butte
Bassett
Carns+
Bassett NW+
Carson Lake
Belmar Big Springs NE
Chain Lake

Big Springs NW

Chambers West
Bloomington

Horsehead Ranch
Boiling Spring

Huddle Table+
Bostwick

Indian Springs

Bridgeport SW Inavale
Bristow Inman
Broadwater Clearwater

Broadwater NE Cottonwood Lake
Broadwater NW Coumbe Bluff
Brownson Courthouse Rock

Brule Cowles

Deloit Lemoyne
Deloit NE Lewellen
Deloit NW Linke
Deloit SW Lake

Dustin*Lisco Lisco SEDutch Creek+Lisco NWEasterly AirportLong PineEmmetLorenzo

Emmet NW Lost Lake Ranch

Emmet SE Lynch **Emmet SW** Lynch NE Mariaville+ **Ewing Ewing SW** Martin Fairchild Ranch Marty Franklin Maxwell Gabe Rock Maxwell SW Glinn Ranch Meadville+ Green Ranch Meadville NE+ Goldman Lake Meadville NW+ Goldman Lake NE Meek Meek NE Goldman Lake NW Meek SW

Goldman Lake SE Miles Ranch
Goose Lake Mills+
Goose Lake NE Monowi
Goose Lake SW Mont Clare
Gross Mud Springs
Guide Rock Naper*
Guide Rock NE Naper NW*

Hackberry Creek Naper SW* Hagen Lake Neligh Hagen Lake NE Neligh SE Hagen Lake NW Ogallala Hardy Ogallala SE Harrisburg Ogallala SW O'Neill Hershey West Hofeld Lake O'Neill SW

Neligh SW Opportunity
Newport Orchard
Newport NE+ Orchard NE
Newport SW Orchard NW
Niobrara Oshkosh
Jamison+ Oshkosh SW

Jamison SW+ Page

Keystone Paramount Valley

Lambs Lake Paxton North Pischelville
Lambs Lake NE Point of Rocks

Lake George Pony Lake

Potter Potter SE
Potter 2 NE
Stockdale Lake
Stonehouse Ranch
Raven
Stonehouse Ranch NE
Raven SW
Stonehouse Ranch NW

Red Cloud NEStuartRed Cloud NWStuart NE*Redington RivertonStuart NW*RiverviewStuart SERoseSunolRoundhouse RockSuperior

Royal Ruthton Sutherland Reservoir NW

Shovel Dot Ranch Swan Lake Sidney Sybrant Sidney Muni. Airport Tar Valley Sidney SE Tar Valley SW Twin Buttes Singleton Ranch Spencer North Venus Spencer South Verdel Springview+ Verdigre Springview NW+ Verdigre NE Springview SE+ Walnut

Star

* with Cinda Timperly + with Hannan LaGarry

Geologic Maps-Nebraska – 7.5-minute Maps with Some Information

Kimball 2 SE Barton Bennett Reservoir E Kimball 2 SW Bennett Reservoir NW Lisco SW Bennett Reservoir W Lodgepole Lodgepole SE Bethel Cem. Lodgepole SW Big Springs **Bushnell SE** Lone Pine Butte Bushnell SW Mount Vernon Mud Springs SE Chappell Chappell NE Mud Springs SW Oliver Reservoir Chappell NW

Chappell SE Owasco Dalton Paxton S Dalton SE Paxton SW Pine Bluffs Dix Gurley Potter SW Kimball Swedish Cem. Kimball SE Wildcat Mtn. Kimball SW Wright Gap

Kimball 2 NE

Public Documents

- 1994 Wiseman, D.L., M. Thornton, R.F. Diffendal, Jr., M. Diez, M. Anderson, C. Shady; Academic Program Review, Center for Curriculum and Instruction, Teachers College, University of Nebraska-Lincoln: iv. + 21 p.
- 1992 Diffendal, R.F., Jr. and 33 others: NCAA pilot certification self study of UNL athletic department: 111 p. (Diffendal chaired Academic Issues Sub-committee and co-edited volume).
- 1992 Diffendal, R.F., Jr. and 51 others: Nebraska Energy Policy Recommendations to the Governor: Nebraska Energy Office: 56 p. (Diffendal chaired Waste to Energy Subcommittee and co-edited volume).

Miscellaneous Publications

- 2013 Foreword: In Korus, J. et al., The Groundwater Atlas of Nebraska (3rd Revised Edition), Conservation and Survey Division, University of Nebraska, Resource Atlas 4b, p. vii.
- 2010 Footnotes on geological features: *In* Witte, S. S., and M. V. Gallagher, eds., The North American Journals of Prince Maximilian of Wied, v. II, April to September, 1833, University of Oklahoma Press, Norman, OK, 571 p.
- 2008 Footnotes on geological features: *In* Witte, S. S., and M. V. Gallagher, eds., The North American Journals of Prince Maximilian of Wied, v. I, May 1832–April 1833, University of Oklahoma Press, Norman, OK, 467 p.
- 2006 Editor's Note: Great Plains Research, v. 16(2), p. 115-116.
- 2006 Editor's Note: Great Plains Research, v. 16(1), p. 3-4.
- 2004 Letter from the editor: Great Plains Research, v. 14(1), p. 159.
- 1999 Geology sections in Diffendal, A.P. and G.E. Moulton; Reconnaissance survey of Lewis and Clark on the Missouri National Recreational River, Nebraska and South Dakota: U.S. National Park Service Contract Report No. 1443-CX-1505-9-0011, 42p. + 46p. appendix.
- 1999 George R. Hallberg Citation: GSA Today, v. 9(3):19-20.
- 1995 Diffendal, R.F., Jr., and D.B. Loope, compilers; 1995 GSA North-Central/South-Central Sections Abstracts with Programs: Geological Society of America Abstracts with Programs, v. 27(3): 103 p.
- 1995 Final Announcement, 29th Annual Meetings, Geological Society of America, North-Central and South-Central Sections: GSA Today, v. 5(1): p. 18-21.
- 1994 Preliminary Announcement, 29th Annual Meetings, Geological Society of America, North-Central and South- Central Sections: GSA Today, v. 4(10): p. 257-259.

Editing

2004 *Great Plains Research* –2013

- 2014 Hrabik, R.A., Schainost, S.C., Stasiak, R.H., and Peters, E.J., The Fishes of Nebraska: In preparation.
- 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.)
- 2013 Eversoll, D.A., Nebraska Landslides, Conservation and Survey Division, University of Nebraska, Educational Circular 22, 36 p.
- Lackey, Susan O., Will Meyers, Thomas Christopherson, and Jeffrey J. Gottula;
 Nebraska Grout Task Force In-Situ Study of Grout Material 2001–2006 and 2007
 Dye Tests: Conservation and Survey Division, University of Nebraska, Educational
 Circular 20, 32 p.