Hannan E. LaGarry

CURRICULUM VITAE

updated 12 August 2013

CONTACT INFORMATION

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EDUCATION

Regents' Diploma, 1980. Norwood-Norfolk Central School, Norwood NY.

B. A. (Geology), 1985. State University of New York @ Potsdam NY (Advisor: W. Kirchgasser).

M. S. (Geology), 1988. Fort Hays State University, Hays KS (Advisor: R. J. Zakrzewski).

Ph. D. (Geology), 1997. University of Nebraska-Lincoln, Lincoln NE (Advisor: R. M. Hunt, Jr.).

CURRENT EMPLOYMENT

2013-present STAFF INSTRUCTOR/RESEARCHER, Math, Science, & Technology, Oglala Lakota College. Dr. Dawn Frank, VP for Instruction (605-455-6035)

WORK EXPERIENCE (see BIBLIOGRAPHY for list of publications)

1985	PALEONTOLOGICAL FIELD ASSISTANT, Sternberg Memorial Museum
1985-1987	GRADUATE TEACHING ASSISTANT, Fort Hays State University
1986	PROJECT PALEONTOLOGIST I, Illinois State Museum
1988	INSTRUCTOR OF GEOLOGY, Fort Hays State University
1988	PROJECT PALEONTOLOGIST III, Illinois State Museum
1988-1989	GRADUATE TEACHING ASSISTANT, University of Nebraska-Lincoln
1989-1990	GRADUATE TECHNICAL ASSISTANT, University of Nebraska-Lincoln
1991-1995	RESEARCH TECHNICIAN III, University of Nebraska State Museum
1991-1995	PHYSICAL SCIENCE TECHNICIAN, USDA NRCS National Soil Survey Center
1996-1997	RESEARCH ASSISTANT II, University of Nebraska-Lincoln
1997-1998	RESEARCH GEOSCIENTIST, University of Nebraska-Lincoln
1999-2006	ASSISTANT GEOSCIENTIST, University of Nebraska-Lincoln
2007-2008	INTERPRETER, Hudson-Meng Bison Kill Site (USFS), Crawford, Nebraska
2008-2009	STAFF INSTRUCTOR/RESEARCHER, Oglala Lakota College
2009-2012	CO-CHAIR, MATH, SCIENCE, & TECHNOLOGY, Oglala Lakota College
2012-2013	CHAIR, MATH, SCIENCE, & TECHNOLOGY, Oglala Lakota College

ADJUNCT & COURTESY APPOINTMENTS

2011-present CURATOR, Oglala Lakota College center for Science and Technology/Oglala Sioux tribe Collections and Specimen Repository, Piya Wiconi, Kyle SD 57752

1999-2006 COURTESY APPOINTMENT, Department of Geosciences, University of

Nebraska-Lincoln.

2006-2008 ADJUNCT PROFESSOR OF GEOSCIENCES, Department of Physical & Life

Sciences, Chadron State College, Nebraska

COLLEGE & UNIVERSITY COURSES TAUGHT

FORT HAYS STATE UNIVERSITY, HAYS, KANSAS

1985-1986 Historical Geology laboratory (1 credit hour, 2 semesters)

1985-1986 Invertebrate Paleontology laboratory (1 credit hour, 2 semesters)

1987 Field Methods (3 credit hours, 1 semester)
 1987 Field Camp (6 credit hours, 1 summer session)
 1987 Structural Geology (3 credit hours, 1 semester)

BARTON COUNTY COMMUNITY COLLEGE, GREAT BEND, KANSAS

1988 Life of the Past (3 continuing education credit hours, 1 semester)

UNIVERSITY OF NEBRASKA-LINCOLN, LINCOLN, NEBRASKA

1988-1989 Historical Geology laboratory (1 credit hour, 2 semesters)

1990-1991 Invertebrate Paleontology laboratory (1 credit hour, 2 semesters)
 1991-2002 Independent Study in Geology (3 credit hours, 3 semesters)
 1992-1995 Physical Geology laboratory (1 credit hour, 4 semesters)

1995-1996 Independent Study in Museum Studies (3 credit hours, 2 semesters)

1998-2005 Regional Field Geology (1 required credit hour, 8 semesters)

CHADRON STATE COLLEGE, CHADRON, NEBRASKA

2006 Sedimentology & Stratigraphy (3 credit hours, 1 semester)

2007-2008 Earth Systems Science (3 general studies credit hours, 3 semesters)

OGLALA LAKOTA COLLEGE, KYLE, SOUTH DAKOTA

2008 Groundwater (3 credit hours, 1 semester)

2008-2009 Introduction to Statistics (3 credit hours, 3 semesters)

2009 Renewable Energy (3 credit hours, 1 semester)
 2009 Junior/Senior Research (3 credit hours, 1 semester)
 2009 Anatomy & Physiology II (4 credit hours, 1 semester)

RESEARCH INTERESTS

1984-1985 Lake acidification, northern Adirondack Mountains, New York

1984-1985 Ordovician marine paleoecology, Trenton Group of northern New York

1985-present Taphonomy & paleoecology of Neogene mammals, Nebraska

1985-present Taxonomy & systematic description of Neogene mammals, Nebraska

1988-present Biostratinomy of the Deer Creek Formation (Pennsylvanian), Nebraska

1988-present Reptiles, amphibians, & lungfish, Eskridge Formation (Permian), Nebraska

1988-present Taphonomy & paleoecology of Paleogene faunas, Nebraska

1991-present Cenozoic paleosols of western Nebraska & southwestern South Dakota

1993-present Cenozoic trace fossils of northwestern Nebraska 1996-present Cenozoic lithostratigraphy of western Nebraska

1998-present Cenozoic lithostratigraphy of north-central Nebraska

2008-present Cenozoic lithostratigraphy of southwestern South Dakota

2008-present Groundwater and mineral resources of the Pine Ridge Reservation

FIELD EXPERIENCE

1981-1988	Precambrian & early Paleozoic rocks, northern New York State
1984-1985	Limnology of acidified lakes, northern New York State
1984-1985	Early Paleozoic strata, northern New York State
1985-1988	Cretaceous & Neogene rocks & fossils of western Kansas
1985-1988	Late Paleozoic rocks & fossils of eastern Kansas
1986-1987	Paleozoic & Mesozoic strata, Utah & Colorado
1988-1989	Wisconsinan peat bogs, archeology, & vertebrates, northern Illinois
1988-1995	Late Paleozoic rocks & fossils of eastern Nebraska
1989-1990	Paleogene carnivores, Agate Fossil Beds National Monument
1991-2002	Vertebrate fossil resources of the Oglala National Grassland, Nebraska
1996-present	Cenozoic lithostratigraphy & fossils of NW Nebraska & SW South Dakota
1998-present	Cenozoic lithostratigraphy & fossils of north-central Nebraska
1998-present	Cenocoic paleosols a& modern soils, northern Great Plains, USA
2000-2005	Pleistocene strata & paleosols of eastern Nebraska
2006-present	Archeology of NW Nebraska & SW South Dakota
2008-present	Groundwater and surface water of NW Nebraska & SW South Dakota

STUDENT RESEARCH SUPERVISED

UNIVERSITY OF NEBRASKA-LINCOLN

1989-1992	Michael R. Myers, Department of Geology [independent study]. "Mortality
	profiles of Mammuthus imperator (Leidy), Sheridan County, Nebraska."

- 1989-1992 W. Brantly Wells, Department of Geology [independent study]. "Vertebrate trace fossils of the Toadstool Park Trackway Site, Oglala National Grassland, Nebraska."
- 1991-1992 Dennis W. Moser, Department of Geology [class project]. "Biostratinomy of the Haynies limestone bed (Pennsylvanian), a compound distal tempestite from southeastern Nebraska" (1992 STUDENT PAPER AWARD, North-Central Section, Geological Society of America).
- 1991-1992 Steven L. Holmes, Department of Geology [class project]. "Biostratinomy of the Haynies limestone bed (Pennsylvanian), a compound distal tempestite from southeastern Nebraska" (1992 STUDENT PAPER AWARD, North-Central Section, Geological Society of America).
- 1996-1997 April Whitten, Department of Anthropology [MS thesis: LuAnn Wandsnider, Advisor]. "Late Holocene environments at the Arner Hearth Site, northwestern Nebraska."
- 1996-1997 Justin A. Kinsley, Department of Museum Studies [Independent Study]. "A vertebrate coprocoenocis from the Orella Member of the Brule Formation (Oligocene), northwestern Nebraska."
- **2000-2001** Erin L. Richardson, Department of Anthropology [MS thesis: LuAnn Wandsnider, Advisor]. "Holocene landscape reconstruction at the Sand Creek Hearth Site, Dawes County, Nebraska, USA."

UNIVERSITY OF CALIFORNIA-BERKELEY

1999-2003 Caroline A. E. Stromberg, Department of Evolutionary and Integrative Biology [Ph. D. dissertation: David A. Lindberg, Advisor]. "Origin and spread

of Tertiary grasslands in North America" (2003 ALFRED SHERWOOD ROMER PRIZE, Society of Vertebrate Paleontology).

TULANE UNIVERSITY

2001-2002 Stephanie G. Thomas, Department of Geology [American Association of State Geologists Undergraduate Field Mentorship Program].

"Lithostratigraphic revision and redescription, White River and Arikaree groups"

CHADRON STATE COLLEGE

- 2006-2007 Jennifer L. Balmat, Department of Physical & Life Sciences [Undergraduate Capstone Thesis: Michael B. Leite, advisor] "Physical sedimentology of the Hudson-Meng Bison Kill Site, northwestern Nebraska"
- 2006-2007 Joshua W. Balmat, Department of Physical & Life Sciences [Undergraduate Capstone Thesis: Michael B. Leite, advisor] "Buried soils and ancient landscapes at the Hudson-Meng Bison Kill Site, northwestern Nebraska"

OGLALA LAKOTA COLLEGE

- 2008-2009 Helene Quiver-Gaddy, Math & Science Department [Undergraduate Senior Research: Hannan E. LaGarry, advisor] "New lithostratigraphic correlations of the White River Group from northwestern Nebraska to southwestern South Dakota"
- 2009 Dylan Brave, Math & Science Department [Undergraduate Junior Research: Hannan E. LaGarry, advisor] "New vertebrate trackway sites from the White River Group (Late Eocene) of southwestern South Dakota"

STUDENTS EMPLOYED

2007

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1989-1992	Michael R. Myers (undergraduate in Geology), University of Nebraska- Lincoln. Vertebrate fossil resource inventories of the Oglala National Grassland.
1989-1995	W. Brantly Wells (undergraduate in Geology), University of Nebraska- Lincoln. Vertebrate fossil resource inventories of the Oglala National Grassland.
1989-1995	Chris E. Rudnick (graduate in Geology), University of Nebraska-Lincoln. Vertebrate fossil resource inventories of the Oglala National Grassland.
1991-1992	Daryl K. Pavey (undergraduate in Biology), University of Nebraska-Lincoln. Vertebrate fossil resource inventories of the Oglala National Grassland.
1993-1994	Michelle K. David (graduate in Geology), Fort Hays State University. Vertebrate fossil resource inventories of the Oglala National Grassland.
1994-1995	Carrie L. Herbel (graduate in Geology), University of Nebraska-Lincoln. Vertebrate fossil resource inventories of the Oglala National Grassland.
1996-1997	David L. Dyer (graduate in Museum Studies), University of Nebraska- Lincoln. Curated White River Group vertebrate fossils from northwestern Nebraska.
1996-1997	Justin A. Kinsley (undergraduate in Museum Studies), University of Nebraska-Lincoln. Curated White River Group vertebrate fossils from northwestern Nebraska.
2002-2003	Stephanie G. Thomas (undergraduate in Geology), Tulane University. Geologic mapping (STATEMAP) in northwestern Nebraska.
2007	Jennifer L. Balmat (undergraduate in Geology), Chadron State College. Renovation of the Eleanor Barbour Cook Museum of Geology.

Joshua W. Balmat (undergraduate in Geology), Chadron State College.

Renovation of the Eleanor Barbour Cook Museum of Geology.

2008-2009 Helene Quiver-Gaddy (undergraduate in Environmental Science), Oglala

Lakota College. Lithostratigraphy of the White River Group in SW South Dakota.

2009 Dylan Brave (undergraduate in Conservation Biology), Oglala Lakota

College. Fossil mammal trackways of the White River Group, South Dakota.

2009 Curtis Belile (undergraduate in Natural Resources), Oglala Lakota College.

Uranium contamination in southwestern South Dakota.

SCHOLARSHIPS, HONORS, & AWARDS

- 1980 National Honor Society
 Alumni Fund Scholarship (Norwood-Norfolk Central School Alumni: \$150)
- 1985 Earth Stewardship Award (Earth Stewardship Council, Washington, DC: \$150)
 Graduate Teaching Assistantship (FHSU Department of Earth Sciences: \$2,450)
- 1986 Graduate Teaching Assistantship (FHSU Department of Earth Sciences: \$3,250)
- 1987 Sigma Xi (Hays, Kansas Chapter)
- 1988 Distinguished Masters Thesis Award (Midwestern Council of Graduate Schools)
 Graduate Teaching Assistantship (UNL Department of Geology: \$6,000)
- 1989 Graduate Teaching Assistantship (UNL Department of Geology: \$7,000)
 M. C. Green Fieldwork Scholarship (University of Nebraska State Museum: \$1,000)
- 1990 Curatorial Assistantship (University of Nebraska State Museum: \$7,000)
 Student Seminar Award 1st place (UNL Department of Geology: \$100)
 Eunice & T. Mylan Stout Student Paper Award (Nebraska Geological Society: \$50)
 M. C. Green Fieldwork Scholarship (University of Nebraska State Museum: \$1,000)
- 1991 Global Climate Change Internship (USDA NRCS National Soil Survey laboratory)
 Eunice & T. Mylan Stout Student Paper Award (Nebraska Geological Society: \$50)
 Lincoln Gem & Mineral Club Scholarship (Lincoln Gem & Mineral Club:\$150)
 Curatorial Assistantship (University of Nebraska State Museum: \$7,000)
- 1992 Student Seminar Award 1st place (UNL Department of Geology: \$100)
 Student Paper Award (North-Central Section, Geological Society of America: \$50)
- 1993 Curatorial Assistantship (University of Nebraska State Museum: \$7,000)
- 1994 Student Presentation Travel Award (UNL Department of Geology: \$250)
- 1996 Volunteer Service Recognition (Nebraska National Forest)
 Student Presentation Travel Award (UNL Department of Geology: \$250)
- 1997 Extra Effort Cash Award (USDA NRCS National Soil Survey Center: \$500)
- 2004 Letter of Commendation (USDA NRCS: CSD STATEMAP Research Program)
- 2009 Special Invitation Travel Award (NSF BIO Directorate, 2009 JAM: \$1200)

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

1985-1988 PALEONTOLOGICAL SOCIETY

1985-2000 SOCIETY OF VERTEBRATE PALEONTOLOGY

1986-2000 KANSAS ACADEMY OF SCIENCE

1987-2000 SIGMA XI

1988-present NEBRASKA ACADEMY OF SCIENCES

2006-2007 ASSOCIATION FOR WOMEN GEOSCIENTISTS

2006-present GEOLOGICAL SOCIETY OF AMERICA

SERVICE TO PROFESSIONAL ORGANIZATIONS

- **TECHNICAL SESSION CONVENER:** 7th Annual Meeting of the Society for the Preservation of Natural History Collections, Lincoln, Nebraska.
 - **EARTH SCIENCE SECTION CHAIR:** 102nd Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
- 1995 SYMPOSIUM CO-CONVENER (with D. O. Terry, Jr. & R. M. Hunt, Jr.): Depositional Environments, Lithostratigraphy, and Biostratigraphy of the White River and Arikaree Groups. 29th Annual Meeting of the North & South-Central Sections, Geological Society of America, Lincoln, Nebraska.
 - FIELD TRIP CO-LEADER (with D. O. Terry, Jr.): The White River Group Revisited: Vertebrate Trackways, Ecosystems, and Stratigraphic Revision, Redefinition, and Redescription. 29th Annual Meeting of the North & South Central Sections of the Geological Society of America, Lincoln, Nebraska.
- 1996 FIELD TRIP CO-LEADER (with D. O. Terry, Jr., R. Benton, & E. Evanoff): Hayden's Lakes Revisited: The Origin and New Stratigraphic interpretations of the White River Sequence, South Dakota, Nebraska, and Wyoming. 1996 Annual Meeting of the Geological Society of America, Denver, Colorado.
- **1998 FIELD TRIP CO-LEADER (with B. A. Beasley):** Fossil Resource Management of the Oglala National Grassland and the Toadstool Park Trackway Site. 5th Conference on Fossil Resources, Rapid City, South Dakota.
- **1999 EARTH SCIENCE SECTION CO-CHAIR (with S. Tucker):** 109th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
 - **DEHNER AWARD JUDGE (posters):** 131st Annual Meeting of the Kansas Academy of Science, Manhattan, Kansas.
- **2000 SYMPOSIUM CO-CONVENER (with E. L. Richardson):** *Nebraska Stratigraphy*, 110th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
 - **EARTH SCIENCE SECTION CO-CHAIR (with A. Carter):** 110th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
- **2002 EUNICE & T. MYLAN STOUT STUDENT PAPER AWARD JUDGE (platform):** 112th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
 - **DEHNER AWARD JUDGE (platform):** 134th Annual Meeting of the Kansas Academy of Science, Hays, Kansas.
- **2003 EUNICE & T. MYLAN STOUT STUDENT PAPER AWARD JUDGE (platform):** 113th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
- 2004 NEBRASKA GEOLOGICAL SOCIETY STUDENT PAPER AWARD JUDGE (platform): 114th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
- 2005 NEBRASKA GEOLOGICAL SOCIETY STUDENT PAPER AWARD JUDGE (platform): 115th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
- 2006 NEBRASKA GEOLOGICAL SOCIETY STUDENT PAPER AWARD JUDGE (platform): 116th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
- **2007 EARTH SCIENCE SECTION CHAIR:** 117th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.
 - FIELD TRIP CO-LEADER (with L. A. LaGarry, M. P. Muniz, & L. D. Agenbroad): Geoarcheology of the Hudson-Meng Bison Kill Site, Oglala National Grassland, Nebraska. 65th Annual Meeting of the Plains Anthropological Society, Rapid City, South Dakota.

2008 NEBRASKA GEOLOGICAL SOCIETY STUDENT PAPER AWARD JUDGE (platform): 118th Annual Meeting of the Nebraska Academy of Sciences, Lincoln, Nebraska.

SERVICE TO FEDERAL & STATE AGENCIES

1992 Paleontological resources of the Oglala National Grassland, US Forest Service (Region 2), US Forest Service Regional Team Leadership Meeting, Nebraska National Forest, Chadron, Nebraska.

1993-2004 North American Geologic-map Data Model Science-Language Technical Team, Sedimentary & Surficial Deposits subgroups, US Geological Survey National Geologic Mapping Working Group Steering Committee.

2004 Petrocalcic soils tour of the north-central Great Plains (with J. Wilson & P. Young). NRCS National Soil Survey Laboratory, USDA Natural Resources Conservation Service, Lincoln, Nebraska.

Tribal Colleges & Universities Information and Planning Meeting, National Science Foundation BIO Directorate, Washington, DC.

Research Experiences for Undergraduates Program workshop facilitator (with L. Patino), Tribal Colleges & Universities Program Leadership Conference, National Science Foundation, Albuquerque, New Mexico

SERVICE TO COLLEGES & UNIVERSITIES

2009

2007-2008 FACULTY MENTOR (with 6 others), "People, Planet, & Prosperity" Environmental Protection Agency (student) Sustainability Design Competition, Chadron State College, Chadron, Nebraska.

2008 MANUSCRIPT REVIEWER (with 3 others), "Outside the Lines" student essay competition and published volume, Chadron State College, Chadron, Nebraska.

2008-2009 Instructional Affairs Committee (Distance Learning Subcommittee), Oglala Lakota College, Kyle, South Dakota

2008-2009 Higher Learning Commission Focus Visit Task Force (faculty representative), Oglala Lakota College, Kyle, South Dakota

2008-2009 Institutional (Research) Review Board (Math & Science Department

representative), Oglala Lakota College, Kyle, South Dakota

Graduate Study Advisory Group, Oglala Lakota College, Kyle, South Dakota

JUDGE OF 7th & 8th GRADE PROJECTS, Oglala Lakota College Reservationwide Science Fair, MIE Conference Room, Piya Wiconi Administrative Campus

"Oglala Lakota College Department of Math, Science, & Technology: the year in review," Oglala Lakota College Annual Faculty Retreat, Rapid City, South Dakota.

"Oglala Lakota College Department of Math, Science, & Technology: the year in review," Oglala Lakota College Board of Trustees Annual Retreat, Rapid City, South Dakota.

"Water and uranium on the Pine Ridge Reservation," All-Faculty Meeting Special Presentation, Piya Wiconi Administrative Campus, Oglala Lakota College, Kyle, South Dakota

SERVICE TO ACADEMIC DEPARTMENTS & STUDENT ORGANIZATIONS

SECRETARY, Students for Environmental Awareness SUNY @ Potsdam
 VICE PRESIDENT, Students for Environmental Awareness SUNY @ Potsdam
 Student Member, Geology Club Geology Department, SUNY @ Potsdam

1985-1988	Student Member, Sternberg Geology Club FHSU Dept. of Earth Sciences
1988-1993	Student Member, Geology Club UN-L Department of Geosciences
1993-1995	STUDENT REPRESENTATIVE at faculty meetings UN-L Department of Geosciences
2006-2007	Faculty Member, Geology Club Chadron State College
2009	"Student participation in research at OLC's Department of Math, Science, & Technology," Native Science Field Center Program National Leadership Conference, Rapid City, South Dakota.
	"Student research opportunities in the OLC Department of Math, Science, & Technology," Department of Math, Science, & Technology Student Intern Meeting (October), Piya Wiconi Administrative Campus, Oglala Lakota College, Kyle, South Dakota

SERVICE TO COMMUNITY & NONPROFIT ORGANIZATIONS

- 1993 FIELD TRIP CO-LEADER (with L. A. LaGarry & D. A. Nixon) "Nebraska Rocks!" Homestead Council, Girl Scouts of America.
- **2008** Expert opinion, "Geological and hydrological implications of proposed Crow Butte Resources' North Trend Expansion of in-situ leach mining north of Crawford, Nebraska," provided to Western Nebraska Resources Council, Owe Aku, and concerned residents http://savecrowbutte.org/files/Crow%20Butte%20LBP-08-06%20042908.pdf

PROGRAM CHAIR & MODERATOR, "Our Water, Our Future: A Hard Look at the Dry Facts" Town Hall Meeting, Chadron State College Student Center Ballroom, Chadron, Nebraska.

Expert Opinion, "Geology, groundwater resources, and implications of Crow Butte Resources' continued in-situ leach mining north of Crawford, Nebraska," provided to Western Nebraska Resources Council, Owe Aku, concerned residents, and the Oglala Sioux Tribe http://plentyinternational.wordpress.com/2008/07/31/expert-opinion-regarding-isl-mining-in-dawes-county-nebraska/

- 2009 PROGRAM CO-CHAIR (with Darwin Apple) & MODERATOR, "Informational Meeting Between Oglala Lakota College and Renewable Energy Development Experts," Oglala Lakota College MIE (Math & Science Department) Conference Room, Kyle, South Dakota
- **Expert Opinion.,** "Expert opinion regarding the proposed dewey-burdock project ISL mine near Edgemont, South Dakota," provided to Western Nebraska Resources Council, Owe Aku, concerned residents, and the Oglala Sioux Tribe http://pbadupws.nrc.gov/docs/ML1006/ML100680016.pdf
- 2012 Expert Opinion, "Expert opinion on the environmental safety of in-situ leach mining of uranium near Marsland, Nebraska," provided to Western Nebraska Resources Council, Owe Aku, concerned residents, and the Oglala Sioux Tribe http://pbadupws.nrc.gov/docs/ML1302/ML13029A806.pdf

PROFESSIONAL CONFERENCES ATTENDED (dates)

American Association for the Advancement of Science (1988)

Cenozoic Vertebrate Tracks and Traces Conference (2007)

Conference on Fossil Resources (1992, 1994, 1998)

Digital Mapping Techniques Conference (2000)

Geological Society of America (1994, 1996, 1999, 2006, 2007)

Geological Society of America (Northeast Region) (1984)

Geological Society of America (North-central Region) (1992, 1995)

Geological Society of America (Rocky Mountain Region) (1997, 2011)

Island in the Plains Historical & Archeological Symposium (2006, 2007)

Kansas Academy of Science (1987-88, 1991-92, 1994, 1999, 2001, 2002)

National Science Foundation Joint Annual Meeting (2009)

Nebraska Academy of Sciences (1989-93, 1995-2000, 2002-08, 2012)

North American Paleontological Convention (2001)

Northern Plains Governors' Conference (1992)

Plains Anthropological Society (2006, 2007)

Society of Vertebrate Paleontology (1985, 1987, 1991-93)

Society for the Preservation of Natural History Collections (1992, 2013)

Western South Dakota Hydrology Conference (2009)

PROFESSIONAL DEVELOPMENT ACTIVITIES

- 1991 Laboratory Exercises in Paleopedology (Instructor: G. Retallack), University of Nebraska-Lincoln Department of Geology, Lincoln, NE
- 1999 Digital Mapping Methods: Accurate Digital Data Capture and Analysis for the Field Geoscientist, Geological Society of America short course, Denver, CO
- **Quality Education for Minorities Network Grant-writing Workshop**, National Science Foundation (Research in Disabilities Education Program), Washington, D.C.
 - **National Science Foundation Tribal College Workshop**, NSF Office of Budget, Finance, & Award Management (Division of Institution & Award Support), Arlington, VA
- **2009 UNCFSP Tribal College Technical Assistance Training,** United Negro College Fund Special Projects unit, Albuquerque, NM

Funding Opportunities (NSF BIO Directorate), National Science Foundation 2009 Joint Annual Meeting, Washington, DC

Special Networking Session (NSF BIO Directorate), National Science Foundation 2009 Joint Annual Meeting, Washington, DC

Tribal Colleges & Universities Program Leadership Conference, National Science Foundation (Division of Education & Human Resources), Albuquerque, New Mexico

Incorporating Native Culture into the STEM Curriculum, National Science Foundation (Tribal Colleges & Universities Program/Quality Education for Minorities Network), Albuquerque, New Mexico

INVITED PUBLIC LECTURES

- **"Mapping vertebrate fossil resources in northwestern Nebraska"** Stout Lecture Series, Department of Geology, University of Nebraska-Lincoln, Lincoln, Nebraska...
- **"The geology of Nebraska north of the Pine Ridge"** CHAUTAUQUA '96, Chadron/Dawes County Chamber of Commerce, Chadron, Nebraska.
- 1999 "New stratigraphic classification of the 'basal Chadron Formation' of northwestern Nebraska" Crawford Rock Club Annual Rock & Fossil Swap, Crawford, Nebraska.
- 2002 "Late Cretaceous and early Tertiary stratigraphy of the French Creek agate locality near Fairburn, South Dakota" (with L. A. LaGarry) 54th Annual Lincoln Gem & Mineral Show, Lincoln, Nebraska.
- **2003** "Diet and behavior in fossil carnivores" Friends of the Prehistoric Prairies Discovery Center Annual Meeting, Crawford, Nebraska.

- "Recent advances in the Tertiary stratigraphy of Nebraska" Water Center Seminar Series, School of Natural Resources, University of Nebraska-Lincoln, Lincoln, Nebraska.
 "Tracks and trails from the Tertiary of Nebraska" (with W. B. Wells) Nebraska Geological Society, Omaha, Nebraska.
- **2005** "Recent research at Agate Fossil Beds National Monument" 40th Anniversary Celebration Program, Agate Fossil Beds National Monument, Nebraska.
- **"Geological survey (1996-2006) in northwestern Nebraska"** 2nd Annual Earth Day Celebration, Chadron State College, Chadron, Nebraska.
- 2008 "Introduction and agenda- Our Water, Our Future: A Hard Look at the Dry Facts" Town Hall Meeting, Chadron State College Student Center Ballroom, Chadron, Nebraska.
 - "Geology and groundwater resources of northwestern Nebraska and southwestern South Dakota" (with L. A. LaGarry) Oglala Sioux Tribe Natural Resources Regulatory Agency meeting, Pine Ridge, South Dakota
 - "Oglala Lakota College's potential role in managing the vertebrate fossil resources of the Pine Ridge Reservation" Oglala Sioux Parks & Recreation Authority public information meetings in Red Shirt and Kyle, South Dakota
- **2009** "The local uranium mining scene" Western Mining Action Network Annual Meeting (Defenders of the Black Hills), Rapid City, South Dakota
- **2012** "Uranium and groundwater on the Pine Ridge Reservation" American Indian Science and Engineering Society, Black Hills State University, Spearfish, South Dakota
- 2013 "Uranium mining in western South Dakota" Dakota Rural Action Network, Spearfish, South Dakota

GRANTS & CONTRACTS (~ \$8,344,790 to date, including matching funds)

- 1991 CO-INVESTIGATOR (with R. M. Hunt, Jr.): Nebraska National Forest Paleontological resource inventories of the Oglala National Grassland (\$40,000).
 - PRINCIPLE INVESTIGATOR: Nebraska Geological Society's Yatkola-Edwards Research Grant Vertebrate taphonomy and paleoecology in NW Nebraska (\$250).
- **1992 CO-INVESTIGATOR (with R. M. Hunt, Jr.): Nebraska National Forest** Paleontological resource inventories of the Oglala National Grassland (\$48,000).
- **1993 CO-INVESTIGATOR (with R. M. Hunt, Jr.): Nebraska National Forest** Paleontological resource inventories of the Oglala National Grassland (\$42,000).
- **1994 CO-INVESTIGATOR (with R. M. Hunt, Jr.): Nebraska National Forest** Paleontological resource inventories of the Oglala National Grassland (\$42,000).
- 1995 CO-INVESTIGATOR (with R. M. Hunt, Jr.): Nebraska National Forest Paleontological resource inventories of the Oglala National Grassland (\$60,000).
- 1999 CO-INVESTIGATOR (with J. B. Swinehart): US Geological Survey STATEMAP Program Geologic Mapping in NW Nebraska (\$178,000).
- 2000 CO-INVESTIGATOR (with J. B. Swinehart & R. M. Hunt, Jr.): US Geological Survey STATEMAP Program Geologic mapping in NW Nebraska (\$192,000).
- 2001 CO-INVESTIGATOR (with J. B. Swinehart & B. E. Bailey): US Geological Survey STATEMAP Program Geologic mapping in NW Nebraska (\$196,000).
- 2002 CO-INVESTIGATOR (with J. B. Swinehart & B. E. Bailey): US Geological Survey STATEMAP Program Geologic mapping in NW Nebraska (\$200,000).

- 2003 CO-INVESTIGATOR (with J. B. Swinehart, B. E. Bailey, & R. M. Hunt, Jr.): US Geological Survey STATEMAP Program Geologic mapping in northwestern Nebraska (\$220,000).
- 2004 CO-INVESTIGATOR (with J. B. Swinehart, R. M. Joeckel, B. E. Bailey, R. M. Hunt, Jr., G. A. Liggett, & R. Lisichenko): US Geological Survey STATEMAP Program Geologic mapping in northwestern and eastern Nebraska (\$340,000).
- 2005 CO-INVESTIGATOR (with J. B. Swinehart, R. M. Joeckel, M. B. Leite, and R. Lisichenko): U. S. Geological Survey STATEMAP Program Geologic mapping in northwestern and southeastern Nebraska (\$196,000).
- 2006 CO-INVESTIGATOR (with L. A. LaGarry & M. B. Leite): US Forest Service Region 2 (Hudson-Meng Bison Kill Site) Holocene geochronology in the vicinity of the Hudson-Meng Bison Kill Site (\$11,200).
- 2007 CO-INVESTIGATOR (with R. Weedon, M. B. Leite, C. McAllister, S. Rolfsmeier, & L. Stewart-Phelps): Chadron State College VISION 2011 Strategic Planning Committee Laying the groundwork for the second century of the CSC natural history museum (\$37,790).
 - **CO-INVESTIGATOR (with M. B. Leite): Nebraska National Forest** Photogrammetry and casting of the Toadstool Park Trackway Site, Oglala National Grassland, Nebraska **(\$15,400).**
- 2009 CO-INVESTIGATOR (with G. Giraud): NSF Model Institutions for Excellence Phase III Modular science, technology, engineering, and mathematics (STEM) course content for sharing among tribal colleges (\$900,000).
 - CO-INVESTIGATOR (with C. J. Tinant): NSF Tribal Colleges & Universities Program Phase I Faculty and curriculum development, scientific collections and library development, and student research support and dissemination (\$2,500,000).
 - CO-INVESTIGATOR (with G. Giraud): NSF Experimental Program for Stimulating Competitive Research RII T1 Undergraduate research, workforce development, and K-12 outreach (\$875,000).
- 2010 PRINCIPAL INVESTIGATOR: USDA NIFA Tribal College Equity Program

 Development of instruction and online curriculum in Agriculture & Natural Resources
 (\$395,650)
 - CO-INVESTIGATOR (with C. J. Tinant): NSF Academic Research Infrastructure/ARRA "Yuowanca Okiya" laboratory renovations (\$500,000).
 - CO-INVESTIGATOR (with C.J. Tinant): National Science Foundation (TCUP), Pre Engineering Educational Collaborative Pre-engineering curriculum, service learning, and outreach (\$1,250,000).
- 2012 CO-INVESTIGATOR (with C. J. Tinant): NSF Tribal Colleges & Universities Program Phase III Unsolicited supplement (\$500,000)
- **2013 PRINCIPAL INVESTIGATOR: Van Vlack Family Endowment** Digital petrographic microscope (\$7,500).
 - (SUBMITTED) PRINCIPAL INVESTIGATOR: NSF Experimental Program For Stimulating Competitive Research RII T1 Cyber informatics, workforce development, and K-12 outreach (\$850,000).

PERMITS & AUTHORIZATIONS

1990 SPECIAL-USE PERMIT (3 years, User Number 2033) Nebraska National Forest, Chadron, Nebraska. Permission to excavate federally owned and protected vertebrate fossils from the Oglala National Grassland during dissertation fieldwork and paleontological resource inventories.

- 1991-1995 ARCHEOLOGICAL SITE EVALUATION CLEARANCE Nebraska National Forest, Chadron, Nebraska. Clearance to assess potential archeological sites during dissertation fieldwork and paleontological resource inventories of the Oglala National Grassland.
- 1993 SPECIAL-USE PERMIT RENEWAL (User Number 2033-4) Nebraska National Forest, Chadron, Nebraska. Permission to excavate federally owned and protected vertebrate fossils from the Oglala National Grassland during dissertation fieldwork and paleontological resource inventories.
- 1994-1995 SPECIAL-USE PERMIT (3 years, User Number 2033-4) Nebraska National Forest, Chadron, Nebraska. Permission to excavate federally owned and protected vertebrate fossils from the Oglala National Grassland during dissertation fieldwork and paleontological resource inventories.
- 1998-2000 ARCHEOLOGICAL SITE EVALUATION CLEARANCE Nebraska National Forest, Chadron, Nebraska. Clearance to assess potential archeological sites during STATEMAP fieldwork in the Pine Ridge Ranger District, Dawes County, Nebraska.
- 1998-2000 SPECIAL-USE PERMIT (3 years, User Number 2033-4) Nebraska National Forest, Chadron, Nebraska. Permission to excavate federally owned and protected vertebrate fossils from the Pine Ridge Ranger District, Dawes County, Nebraska, during STATEMAP fieldwork.
- 1998-2000 SPECIAL-USE PERMIT (3 years, User Number 2033-4) Nebraska National Forest, Chadron, Nebraska. Permission to trench covered or weathered exposures and collect rock and volcanic ash samples from the Pine Ridge Ranger District, Dawes County, Nebraska, during STATEMAP fieldwork.

MISCELLANEOUS

TELEVISION APPEARANCES

1996 RESTLESS PRAIRIE (science documentary: 60 min.) Joe Turco, Producer. Science, Outreach, & Specials Unit, University of Nebraska-Lincoln Television. Broadcast on Nebraska Educational Television (NETV) Network. 12 min segment: Toadstool Park Trackway site and Fossil Conservation on the Oglala National Grassland (with W. B. Wells & D. A. Nixon).

RADIO APPEARANCES

- **2008** Sound Off (KCSR Radio, Chadron, Nebraska: 30 min.) "Our Water, Our Future: A Hard Look at the Dry Facts" Town Hall Meeting, Chadron State College Student Center Ballroom (with Mr. Glen Price, landowner).
- **2008** Community Focus (KCSR Radio, Chadron, Nebraska: 15 min.) "Our Water, Our Future: A Hard Look at the Dry Facts" Town Hall Meeting, Chadron State College Student Center Ballroom.

FIELD HANDBOOK DATA SHEETS

- 1998 Schoeneberger, P. J., D. A. Wysocki, E. C. Benham, & H. E. LaGarry. Miscellaneous, pp. 7-1 to 7-14 in (P. J. Schoeneberger, D. A. Wysocki, E. C. Benham, & W. D. Broderson, compilers) Field Book for Describing and Sampling Soils (Ver. 1.1). USDA Natural Resources Conservation Service, National Soil Survey Center, Lincoln NE.
- 2002 Schoeneberger, P. J., D. A. Wysocki, E. C. Benham, & H. E. LaGarry. Miscellaneous, pp. 7-1 to 7-14 in (P. J. Schoeneberger, D. A. Wysocki, E. C. Benham, & W. D. Broderson, compilers) Field Book for Describing and Sampling Soils (Ver. 2.1). USDA Natural Resources Conservation Service, National Soil Survey Center, Lincoln NE.

ILLUSTRATION CREDITS

- "Artist's conception of a middle Ordovician life scene during Trenton (limestone) time. The orthocone cephalopod is similar to those found at the Clairmont Quarry." p. 297 in Van Diver, B. B. 1985. Roadside Geology of New York. Missoula, Montana, Mountain Press Publishing Company.
- "USGS quadrangles (solid lines) examined in the CSD open-file report by LaGarry and LaGarry, adjacent quadrangles also mapped, and federal lands of the Oglala National Grassland." p. 35 in Flowerday, C. A. 1996. Fossil inventories yield geologic mapping, revision of the White River Group. Resource Notes, 10:33-35.

PHOTOGRAPH CREDITS

- "Below: Each biological specimen found during the excavation was isolated from the majority of the surrounding sediment and was subsequently wrapped for removal to the laboratory. A portion of the pelvis of the stag-moose is seen in the center of the photo, and spruce logs in the foreground," p. 41 in Warren, R. E. & R. W. Graham. 1988. Cervalces: an Ice Age discovery. The Living Museum, 50(3):38-41.
- "A field party made up of CSD, UNL Geology, and UN State Museum geologists examine the Chamberlain Pass Formation near Toadstool Park in northern Sioux County. Observers are (from left) Leigh Anne LaGarry, CSD; Dennis Terry, UNL Geology; Dave Loope, UNL Geology; Dave Nixon, UN State Museum; Brant Wells, UNL Geology; and Jim Swinehart, CSD." p. 33 in Flowerday, C. A. 1996. Fossil inventories yield geologic mapping, revision of the White River Group. Resource Notes, 10:33-35.
- 2004 "The petrocalcic field tour led by SNR geoscientist Hannan LaGarry stops to look at the Box Butte Formation on the highway south of Marsland in the upper Niobrara River valley. Co-leader and former SNR soil scientist Phil Young (far right, crouching) talks to the group, which includes scientists from various Great Plains offices of the U. S. Natural Resources Conservation Service and from the NRCS National Soil Survey Center in Lincoln. SNR soil scientist Francis Belohlavy sits in the cab of the white pickup." p. 6 in Flowerday, C. A. 2004. SNR tour helps federal scientists solve soil classification riddle, saves money. Natural Resource Links, 4(4):1-12

"An example of a calcic, not a petrocalcic, horizon near Marsland. White concretions show carbonate buildup. Marks on tape measure are every 10 centimeters." p. 6 in Flowerday, C. A. 2004. SNR tour helps federal scientists soil classification riddle, saves money. Natural Resource Links, 4(4):1-12.

BOOK COVERS

"Fine-grained volcaniclastic rocks of the White River Group initially studied by N. H. Darton (1899) at the Pine Ridge escarpment in northwestern Nebraska." Terry, D. O., Jr., H. E. LaGarry, & R. M. Hunt, Jr. (eds.). 1998. Depositional Environments, Lithostratigraphy, and Biostratigraphy of the White River and Arikaree Groups (Late Eocene to Early Miocene, North America). Geological Society of America Special Paper 325, 216 pp.

NEWSPAPER ARTICLES

2006 "Earth Day celebration to focus on water in the High Plains" (with L. A. LaGarry) p. 4A in The Chadron Record, Wednesday, April 12, 2006 (www.thechadronnews.com).

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PEER-REVIEWED PAPERS

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- 1993 LaGarry, H. E. & M. R. Myers. Mortality profiles of Mammuthus imperator (Leidy), Sheridan County, Nebraska. Transactions of the Kansas Academy of Science, 96(3-4):196-203.
- 1994 LaGarry, H. E. Results & recommendations of the 1991 paleontological resource survey of the Oglala National Grassland, pp. 69-72 in (R. Benton & A. Elder, eds.) Proceedings of the 3rd Conference on Fossil Resources. Natural Resources Report NPS/NRFOBU/NRR-94-14, 98 p.
- Terry, D. O., Jr., **H. E. LaGarry**, & W. B. Wells. *The White River Group revisited:* vertebrate trackways, ecosystems, and lithostratigraphic revision, redefinition, and redescription, pp. 43-57 in (C. Flowerday, ed.) Geologic field trips in Nebraska and adjacent parts of Kansas and South Dakota. University of Nebraska-Lincoln Conservation and Survey Division Guidebook 10, 136 p.
- LaGarry, H. E. Paleontological resource inventories of the Oglala National Grassland: a model for generating paleontological and geological research on public lands, pp. 108-113 in (M. Johnson & J. McChristal, eds.) Proceedings of the 4th Conference on Fossil Resources. Natural Resources Report NPS/NRFLFO/NRR-97/01, 239 p.
 - **LaGarry, H. E.** & D. O. Terry, Jr. *Regional distribution of lithotopes within the Chadron Formation of northwestern Nebraska,* pp. 9-22 *in* (R. Hunter, ed.) Geology and paleontology of the White River Formation. Tate Geological Museum Guidebook 2, 139 p.
- Terry, D. O. Jr., **H. E. LaGarry**, & R. M. Hunt, Jr. (eds.). *Depositional environments, lithostratigraphy, and biostratigraphy of the White River and Arikaree Groups (Late Eocene to Early Miocene, North America).* Geological Society of America Special Paper 325, 216 p.
 - Terry, D. O., Jr. & H. E. LaGarry. *The Big Cottonwood Creek Member: a new member of the Chadron Formation of northwestern Nebraska,* pp. 117-142 *in* (D. O. Terry, Jr., H. E. LaGarry, & R. M. Hunt, Jr., eds.) Depositional environments, lithostratigraphy, and biostratigraphy of the White River and Arikaree Groups (Late Eocene to Early Miocene, North America). Geological Society of America Special Paper 325, 216 p.
 - **LaGarry, H. E.** *Lithostratigraphic revision and redescription of the Brule Formation (White River Group), northwestern Nebraska*, pp. 63-92 *in* (D. O. Terry, Jr., H. E. LaGarry, & R. M. Hunt, Jr., eds.) Depositional environments, lithostratigraphy, and biostratigraphy of the White River and Arikaree Groups (Late Eocene to Early Miocene, North America). Geological Society of America Special Paper 325, 216 p.
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- **2004** LaGarry, H. E. *Taphonomic evidence of bone processing from the Oligocene of northwestern Nebraska*. University of Nebraska-Lincoln School of Natural Resources Professional Paper 2, 35 p.
- 2005 Wysocki, D. A., P. J. Schoeneberger, & H. E. LaGarry. Soil surveys: a window to the subsurface. Geoderma 126:167-180.
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- 1992 LaGarry, H. E. 1991 paleontological resource survey of the Oglala National Grassland (Roundtop 7.5' Quadrangle), Sioux County, Nebraska. Kansas Academy of Science Abstracts, 11:22.
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NEBRASKA GEOLOGICAL SURVEY OPEN-FILE MAPS

Table 1. Open-file (OFM) and open-file digital (OFDM) maps from the Alliance 1:250,000 Quadrangle available from the Nebraska Geological Survey (University of Nebraska-Lincoln Conservation & Survey Division, School of Natural Resources). Digital maps were produced by the Department of Geosciences at Fort Hays State University, supervised by R. Lisichenko, J. Heinrichs, G. Liggett, and K. R Neuhauser. All maps are Nebraska quadrangles except as noted.

Map Name ¹	Date ²	Map No. ³	Authors
Sherrill Hills (WY-NE)	1997	53	LaGarry & LaGarry
Story	1997	54	LaGarry & LaGarry
(digital version 1.1)	2001	54D	LaGarry, LaGarry, & Swinehart
Story NE	1997	55	LaGarry & LaGarry
(digital ver. 1.1)	2001	55D	LaGarry, LaGarry, & Swinehart
Lone Tree Ranch	1997	56	LaGarry & LaGarry
(digital ver. 1.1)	2001	56D	LaGarry, LaGarry, & Swinehart
Wayside	1997	57	LaGarry & LaGarry
(digital ver. 1.1)	2001	57D	LaGarry, LaGarry, & Swinehart
Bohemian Creek	1997	58	LaGarry & LaGarry
(digital ver. 1.1)	2001	58D	LaGarry, LaGarry, & Swinehart
Kirtley (WY-NE)	1997	59	LaGarry & LaGarry
Warbonnet Ranch	1997	60	LaGarry & LaGarry
(digital ver. 1.1)	2001	60D	LaGarry, LaGarry, & Swinehart
Bodarc	1997	61	LaGarry & LaGarry
(digital ver. 1.1)	2001	61D	LaGarry, LaGarry, & Swinehart
Five Points	1997	62	LaGarry & LaGarry
(digital ver. 1.1)	2001	62D	LaGarry, LaGarry, & Swinehart
Whitney	1997	63	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2001	63D	LaGarry, LaGarry, & Swinehart
Trunk Butte	1997	64	LaGarry, LaGarry, & Swinehart LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2001	64D	
Chadron West	1997	65	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2001	65D	LaGarry, LaGarry, & Swinehart
Crawford	1998	66	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2002	66D	LaGarry, LaGarry, & Swinehart
Crow Butte	1998	67	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2002	67D	LaGarry, LaGarry, & Swinehart
Chimney Butte	1998	68	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2002	68D	LaGarry, LaGarry, & Swinehart
Coffee Mill Butte	1998	69	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2002	69D	LaGarry, LaGarry, & Swinehart
Dead Mans Creek	1998	70	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2002	70D	LaGarry, LaGarry, & Swinehart
Belmont	1998	71	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2002	71D	LaGarry, LaGarry, & Swinehart
Coffee Mill Butte SW (digital version 1.1)	1998	72	LaGarry, Swinehart, & LaGarry
	2002	72D	LaGarry, LaGarry, & Swinehart
Coffee Mill Butte SE	1998	73	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2002	73D	LaGarry, LaGarry, & Swinehart
Van Tassell (WY-NE)	1999	74	LaGarry, LaGarry, & Swinehart

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Table 1 (continued).

Map Name ¹	Date ²	Map No. ³	Authors
Harrison West	1999	75	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	75D	LaGarry, LaGarry, & Swinehart
Harrison East	1999	76	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	76D	LaGarry, LaGarry, & Swinehart
Andrews	1999	77	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	77D	LaGarry, LaGarry, & Swinehart
Smiley Canyon	1999	78	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	78D	LaGarry, LaGarry, & Swinehart
Van Tassell SE (WY-NE)	1999	79	LaGarry, LaGarry, & Swinehart
Harrison SW	1999	80	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	80D	LaGarry, LaGarry, & Swinehart
Harrison SW	1999	81	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	81D	LaGarry, LaGarry, & Swinehart
Kyle Creek	1999	82	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	82D	LaGarry, LaGarry, & Swinehart
Glen	1999	83	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2002	83D	LaGarry, LaGarry, & Swinehart
Isinglass Buttes	2000	84	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2003	84D	LaGarry, LaGarry, & Swinehart
Chadron NE	2000	85	LaGarry, LaGarry, & Swinehart
(digital version 1.1)	2003	85D	LaGarry, LaGarry, & Swinehart
Chadron East	2000	86	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2003	86D	LaGarry, LaGarry, & Swinehart
Bordeaux	2000	87	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2003	87D	LaGarry, LaGarry, & Swinehart
Kings Canyon/Chadron 3 NW	2000	88	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2003	88D	LaGarry, LaGarry, & Swinehart
Hay Springs Creek/Chadron 3 NE (digital version 1.1)	2000	89	LaGarry, Swinehart, & LaGarry
	2003	89D	LaGarry, LaGarry, & Swinehart
Sand Canyon West/Chadron 3 SW (digital version 1.1)	2000	90	LaGarry, Swinehart, & LaGarry
	2003	90D	LaGarry, LaGarry, & Swinehart
Sand Canyon East/Chadron 3 SE	2000	91	LaGarry, Swinehart, & LaGarry
Beaver Wall	2001	92	LaGarry, Swinehart, & LaGarry
Whiteclay	2001	93	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2005	93D	LaGarry, LaGarry, & Swinehart
Whiteclay SW	2001	94	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2004	94D	LaGarry, LaGarry, & Swinehart
Whiteclay SE	2001	95	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2005	95D	LaGarry, LaGarry, & Swinehart
Hay Springs	2001	96	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2004	96D	LaGarry, LaGarry, & Swinehart
Hay Springs NE	2001	97	LaGarry, Swinehart, & LaGarry
(digital version 1.1)	2005	97D	LaGarry, LaGarry, & Swinehart

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Table 1 (continued).

Map Name ¹	Date ²	Map No. ³	Authors
Hay Springs SW (digital version 1.1)	2001 2004	98 108D	LaGarry, Swinehart, & LaGarry LaGarry, LaGarry, & Swinehart Ha
Springs SE	2001	99	LaGarry, Swinehart, & LaGarry
Montrose (digital version 1.1)	2001 2001	108 108D	LaGarry & LaGarry LaGarry, LaGarry, & Swinehart
Orella (digital version 1.1)	2001 2001	109 109D	LaGarry & LaGarry LaGarry, LaGarry, & Swinehart
Wolf Butte (digital version 1.1)	2001 2001	110 110D	LaGarry & LaGarry LaGarry, LaGarry, & Swinehart
Roundtop (digital version 1.1)	2001 2001	111 111D	LaGarry, LaGarry, & Swinehart LaGarry, LaGarry, & Swinehart
Horn (digital version 1.1)	2001 2001	112 112D	LaGarry & LaGarry LaGarry, LaGarry, & Swinehart
Clinton NW	2002	113	LaGarry, Swinehart, & LaGarry
Clinton NE	2002	114	LaGarry, Swinehart, & LaGarry
Clinton SW	2002	115	LaGarry, Swinehart, & LaGarry
Clinton	2002	116	LaGarry, Swinehart, & LaGarry
Rushville SE	2002	117	LaGarry, Swinehart, & LaGarry
Rushville SW	2002	118	LaGarry, Swinehart, & LaGarry
Rushville NE	2002	119	LaGarry, Swinehart, & LaGarry
Rushville	2002	120	LaGarry, Swinehart, & LaGarry
Gordon NW	2003	121	LaGarry, Swinehart, & LaGarry
Hog Island	2003	122	LaGarry, Swinehart, & LaGarry
Gordon	2003	123	LaGarry, Swinehart, & LaGarry
Gordon SE	2003	124	LaGarry, Swinehart, & LaGarry
South of Gordon	2003	125	LaGarry, Swinehart, & LaGarry
Coburn Canyon	2003	126	LaGarry, Swinehart, & LaGarry
Bovee Valley West/Rushville 3 SW	2003	127	LaGarry, Swinehart, & LaGarry
Bovee Valley East/Rushville 3 SE	2003	128	LaGarry, Swinehart, & LaGarry
Whistle Creek NW	2004	129	LaGarry, Swinehart, & LaGarry
Whistle Creek NE	2004	130	LaGarry, Swinehart, & LaGarry
Marsland NW	2004	131	LaGarry, Swinehart, & LaGarry
Marsland	2004	132	LaGarry, Swinehart, & LaGarry
Box Butte Reservoir West	2004	133	LaGarry, Swinehart, & LaGarry
Box Butte Reservoir East	2004	134	LaGarry, Swinehart, & LaGarry
Box Butte NW	2005	137	LaGarry, Swinehart, & LaGarry
Box Butte NE	2005	138	LaGarry, Swinehart, & LaGarry
Skunk Lake NW	2005	139	LaGarry, Swinehart, & LaGarry
Skunk Lake NE	2005	140	LaGarry, Swinehart, & LaGarry
Smith Lake	2005	141	LaGarry, Swinehart, & LaGarry

Continued on next page

Table 1 (continued).

Map Name ¹	Date ²	Map No. ³	Authors
Twin Lakes NE	2005	142	LaGarry, Swinehart, & LaGarry
Dolly Warden Lake	2005	143	LaGarry, Swinehart, & LaGarry
Billys Lake	2005	144	LaGarry, Swinehart, & LaGarry

Notes for Table 1:

- 1. Where two names are given, the former name is listed first, and the current name second
- 2. Date indicates when map went on open file.
- 3. Numbers were assigned by the Conservation & Survey Division, and "D" denotes a digital version

Table 2. Open-file (OFM) maps from the O'Neill 1:250,000 Quadrangle available from the Nebraska Geological Survey (University of Nebraska-Lincoln Conservation & Survey Division, School of Natural Resources). All maps are Nebraska quadrangles except as noted.

Map Name	Date	Map No.	Authors
Meadville NW	in review	pending	LaGarry, LaGarry, & Diffendal
Meadville NE	in review	pending	LaGarry, Diffendal, & LaGarry
Springview NW	in review	pending	LaGarry, Diffendal, & LaGarry
Burton	in review	pending	LaGarry, Diffendal, & LaGarry
Mills	in review	pending	LaGarry, Diffendal, & LaGarry
Jamison	in review	pending	LaGarry, Diffendal, & LaGarry
Meadville	in review	pending	LaGarry, Diffendal, & LaGarry
Huddle Table	in review	pending	LaGarry, Diffendal, & LaGarry
Springview	in review	pending	LaGarry, Diffendal, & LaGarry
Springview SE	in review	pending	LaGarry, Diffendal, & LaGarry
Jamison SW	in review	pending	LaGarry, Diffendal, & LaGarry
Mariaville	in review	pending	LaGarry, Diffendal, & LaGarry
Ainsworth NW	in review	pending	LaGarry, Diffendal, & LaGarry
Dutch Creek	in review	pending	LaGarry, Diffendal, & LaGarry
Bassett NW	in review	pending	LaGarry, Diffendal, & LaGarry
Riverview	in review	pending	LaGarry, Diffendal, & LaGarry
Carns	in review	pending	LaGarry, Diffendal, & LaGarry
Newport NE	in review	pending	LaGarry, Diffendal, & LaGarry

ARCHIVED FIELD NOTES

Table 3. Field notes archived at the Conservation & Survey Division of the University of Nebraska-Lincoln. All compilations are color .jpg files on CDROM. Copies of these notes also reside with the author(s).

Author(s)	Date ¹	Vol. ²	Pages	Compiler (date)
LaGarry, H. E.	1985-1986	1	117 ³	R. W. Vasek (2003)
LaGarry, H. E.	1986-1987	2	117 ³	R. W. Vasek (2003)
LaGarry, H. E.	1987-1988	3	117 ³	R. W. Vasek (2003)
LaGarry, H. E.	1987-1988	3B	45 ³	R. W. Vasek (2003)
LaGarry, H. E.	1987-1988	4	117 ³	R. W. Vasek (2003)
LaGarry, H. E.	1988-1989	5	117 ³	R. W. Vasek (2003)
LaGarry, H. E.	1988-1989	6	117 ³	R. W. Vasek (2003)
LaGarry, H. E.	1989-1992	7	117 ³	R. W. Vasek (2003)
_aGarry, H. E.	1992-1993	8	167 ^{3,4}	R. W. Vasek (2003)
₋aGarry, H. E.	1993-1994	9	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E.	1994-1995	10	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E.	1994-1995	11	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E.	1994-1995	12	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. Armantrout	1994-1995	12B	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E. & L. A. LaGarry	1994-1995	13	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E. & L. A. LaGarry	1995-1996	14	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E. & L. A. LaGarry	1996-1997	15	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1996-1997	16	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1998-1999	17	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1998-1999	18	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1998-1999	18B	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1998-1999	19	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E. & L. A. LaGarry	1998-1999	20	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1998-1999	21	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1999-2000	22	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	1999-2000	23	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	1999-2000	24	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	1999-2000	25	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	1999-2000	26	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	1999-2000	27	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2000-2001	28	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2000-2001	29	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2000-2001	30	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2000-2001	31	167 ^{3,4}	R. W. Vasek (2003)
			167 ^{3,4}	
LaGarry, H. E. & L. A. LaGarry	2000-2001	32	167 ^{3,4}	R. W. Vasek (2003)
aGarry, H. E. & L. A. LaGarry	2000-2001	34	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2001-2002	38	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2001-2002	40	10/	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2001-2002	42	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2001-2002	44	167 ^{3,4}	R. W. Vasek (2003)
LaGarry, H. E. & L. A. LaGarry	2002-2003	45	167 ^{3,4}	R. W. Vasek (2003)
_aGarry, H. E. & L. A. LaGarry	2002-2003	46	167 ^{3,4}	R. W. Vasek (2003)

Notes for Table 3:

- 1. Includes notes archived for the Nebraska National Forest (1991-1995) and the U. S. Geological Survey STATEMAP Program (1996-2006).
- 2. Volume numbers were assigned by the authors.
- 3. Includes inserts (typically other peoples' published work used as reference material).
- 4. Includes maps (original field maps and compilations of original maps at various scales).