

Kansas 4-H Geology Library Inventory

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I. Member's Research Papers	File 1
1. Beyer, Nathan	"Fossils From the Permian & Pennsylvanian Periods"
2. Carr, Twila	"Study of the Geology & Problems of the Tri- State Mining District"
3. Carr, Terri	"Study of the Verdigris Valley Vetrified Brick and Tile Company, Sycamore, KS"
4. Ray, Terrill	"Investigation of Lower Pennsylvanian Drainage Patterns in the Weir-Pittsburg Coal Beds in Southeastern Kansas"
5. Reves, Robert J.	"Coal Balls"
6. Reves, Robert	"Crinoids"
7. Reves, Robert	"Pennsylvanian Plant Fossils From Franklin County"
8. Springer, Doug	"Plant Fossils"
9. Warner, David	"Cementation as a Factor in the Rate of Erosion," 1986
10. Warner, David	"Modeling a Stream Pattern," 1983
11. Warner, Debbie	"Investigating the Tuttle Creek Fault," 1976
12. Warner, Mark	"A Field Guide to the Kinberlites of Riley County," 1977
13. Witt, Kevin	"Comparing Selected Kansas Minerals to Theoretical Properties"

II. Project-Related Materials	File 2
1)	Developmental Committee Minutes, 1983-1986
2)	Geology and Young People - Project Club
3)	Judging Score Sheets
4)	Exhibit Labels

5)	Leaders' Roster, 1985
6)	Mini-session, 1989 State Leaders Forum
Project Materials	File 3
1)	"Collecting Rocks, Minerals and Fossils," 1976, Unit 1, Beginning Geology, Requirements & Project Record Book
2)	"Classifying Rocks, Minerals and Fossils," 1976, Unit 2, Intermediate Geology, Requirements & Project Record Book
3)	"Use of Geological Information in Everyday Living," 1976, Unit 3, Advanced Geology, Requirements & Project Record Book
4)	"Exploring the World Through Geology," 1971
5)	"Cutting and Polishing Gemstones and Minerals," 1978
6)	"Geology Leader's Handbook," 1985
Forms and Other Documents	File 4
1)	Medical Consent Form; Release of Liability; Dinosaur Hunting License
2)	Script for Slide Set and Tape on 4-H Geology, Exploring the World Through Geology. See Section VI, No. 1: Slide Carousel
3)	Slide Set Identification - See Section VI, No. 2: box of slides

III. Resource Materials	File 5
Project materials from other states	"4-H Geology Project," 1965, University of Kentucky
	"Collecting Rocks & Minerals, 4-H Geology Project," 1975, Oklahoma State University
	"Geology," 1975, Ag Extension Service, University of Minnesota
	"4-H Geology Project Leader's Guide," Penn Prospectors, 1969, Pennsylvania State University
	"Pennsylvania 4-H Geology Project, Penn Prospector," 1965, Pennsylvania State University
	"Pennington County 4-H Trail Rock Project," South Dakota State College of Agriculture & Mechanic Arts
	"Welcome to the World of Rocks, Minerals, Fossils & Artifacts," 1968, University of Wyoming College of Agriculture

1. Related Publications	File 6
Barker, Rachel	"Collecting Rocks" - U.S. Department of the Interior / Geological Survey, 11 pages.
Bidwell, O. W.	"Geology & Agriculture," 1964, <i>Transactions of the Kansas Academy of Science</i> , Vol. 67, No. 2, 8 pages.
Brookins, Douglas G.	"Kimberlite at Winkler Crater, Kansas," 1970, <i>Geological Society of America Bulletin</i> , Vol. 8, 5 pages.
Buschbach, T. C. & George E. Heim	"Preliminary Geologic Investigations of Rock Tunnel Sites for Flood & Pollution Control in the Greater Chicago Area," 1972, <i>Illinois State Geological Survey: Environmental Geology Notes</i> , No. 52, 36 pages.
	"Careers in the Oil Industry," 1962, American Petroleum Institute, 15 pages.
	"Chemistry & Petroleum," 1962, American Petroleum Institute, 23 pages.
Cloud, Preston, James Wright & Lynn Glover III	"Traces of Animal Life From 620-Million-Year-Old Rocks in North Carolina," 1976, <i>American Scientist</i> , Vol. 64, July-Aug, 8 pages.
	"Economic Development for Kansas, Mineral and Water Resources" 1962, Kansas Geological Survey, Special Distribution Publication 2, 148 pages.
	"Fick Fossil and History Museum"
	"Geology References That Might be Useful in Specialist Work on 4-H Geology," 4 pages.
	"Geology Science and Profession," 1965, American Geological Institute, 24 pages.
	"Gypsum" - unknown author and date, 3 pages.
	"Industrial Gypsum Products" - unknown author and date, 5 pgs.
	"How the Survey Serves, Industry Economy Environment," 1971, Kansas Geological Survey, pamphlet, 21 pages.
	"Geologic and Water-Supply Reports & Maps, Kansas" 1971, references, U.S. Dept. of the Interior Geological Survey, 17 pgs.
Keller, W.D.	"Chemistry in Introductory Geology," 1957, Lucas Brothers Publishers: Columbia, MO, 84 pages.
Kim, S.M., R.R. Ruch and J.P. Kempton	"Radio Carbon Dating at the Illinois State Geological Survey," 1969, Illinois State Geological Survey: Environmental Geology Notes, No. 28, 19 pages.

Lanning, F.C.	"Location & Composition of Cordaites Leaf Prints & Petrified Wood in Northeastern Pottawatomie County, Kansas," 1973, <i>Transactions of the Kansas Academy of Science</i> , Vol. 75, No. 2, 4 pages.
Mailenburg, Grace	"Activities of State Geology Survey of Kansas," 1963, Kansas Geological Survey, Special Distribution Publication 5, 44 pages.
	"Physics & Petroleum," 1961, American Petroleum Institute, 19 pgs.
Pojeta, John Jr. & Bruce Runnegar	"Fordilla troyensis and the Early History of Pelecypod Molluska," 1974, <i>American Scientist</i> , Vol. 62, Nov-Dec, 6 pages.
	"Science in the Petroleum Industry," 1962, American Petroleum Institute, 23 pages.
Schoewe, Walter H.	"The Geography of Kansas-Part II-Physical Geography," 1949, <i>Transactions of the Kansas Academy of Science</i> , Vol. 52, No. 3, Reprinted by KGS, 3 pages.
1. Related Publications (continued)	File 7
Edited by Matthews, William H. III	"Selected Earth Science Films," 1964, ESCP Reference Series, RS-3, Prentice Hall, Inc., 34 pages.
Edited by Matthews, William H. III	"Selected References for Earth Science Courses," 1964, ESCP Reference Series, RS-2, Prentice Hall, Inc., 34 pages.
Edited by Matthews, William H. III	"Sources of Earth Science Information," 1964, ESCP Reference Series, RS-1, Prentice Hall, Inc., 48 pages.
	"Selected List of Source Material on Geological Science for Kansas Science Teachers," 1963, Kansas Geological Survey, 7 pages.
	"Sternberg Memorial Museum," 1970, Fort Hays Kansas State College, Announcement, Vol. 10, No. 5, pamphlet
	"Teacher's Guide for Oil: From Earth to You," 1957, American Petroleum Institute, Petroleum School Series, 9 pages.
	"Teacher's Guide, Science in the Search for Oil," 1959, American petroleum Institute, Petroleum School Series, 11 pages.
	"Teacher's Resource Reference," 1957, American Petroleum Institute, 11 pages.
Tolsted, Laura Lu & Ada Swineford	"Kansas Rocks and Minerals," 1969, State Geological Survey of Kansas, 64 pages.
Revised by Buchanan, Rex	"Kansas Rocks and Minerals," 1986, Kansas Geological Survey, Educational Series 2, 64 pages.
Wayne, William J.	"Let's Look at Some Rocks," 1958, Indiana Dept. of Conservation Geological Survey, Circular No. 5, 36 pages.
	"What Makes This Nation Go," 1954, American Petroleum Institute, Petroleum School Series, 15 pages.

Willians, Roger B.	"Ancient Life Found in Kansas Rocks," 1975, Kansas Geological Survey, Educational Series 1, 42 pages.
2. Timetables, maps, etc.:	"Counties of Kansas"
	"Flint Hills Fossils"
	"Generalized Geologic Map of Kansas"
	"Generalized Ground-Water Regions in Kansas"
	"Generalized Stratigraphic Section of the Manhattan Area"
	"Geologic Timetable & Kansas Rock Chart"
	"Index to Topographic Maps of Kansas"
	"Rivers of Kansas"

IV. Road Logs for Geology Field Trips	File 8
1. Carpenter, A.C.	"See Kansas First, A Few of the Many Geologically Interesting Points of Kansas," 1953, Wichita Gem & Mineral Club, 15 pages.
2.-9. County Road Logs	Barber; Butler/Cowley; Chase; Chautauqua / Wilson / Neosho / Allen; Cherokee; Clark; Cowley; Crawford
	File 9
1. Gilliland, Will	"Self-guided Geology Field Trips in the Topeka Area," 1995, Kansas Geological Survey, Open-File Report 95-76
2.-8. County Road Logs	Douglas; Ellsworth; McPherson; Woodson; Russell; Osborne; Saline
9. County Road Logs	Riley / Geary / Dickinson / Marion / Chase (1986); as well as Geary / Dickinson / Marion / Chase (1987)
	File 10
Walters, Kenneth	"Geology & Ground-Water Resources of Marshall County, Kansas," 1954, Kansas Geological Survey, Bulletin 106
1.-4. County Road Logs	Marshall; Pottawatomie; Riley; as well as Riley / Marshall / Pottawatomie (1987)
5. Witt, Kevin	"Geology," Field Trip & Road Log in Pottawatomie and Riley Counties
6. Siemsen, Keith	"Geologic Field Trips for the Manhattan Area" (Trip #1 in Riley County; Trip #2 in Geary, Wabaunsee & Pottawatomie Counties)

7. Mayo, Jim	"Geology-Biology Field Trip by Airplane" (over Sedgwick, Butler, Elk & Cowley Counties)
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V. State Geology Field Trips	File 11
1)	1982 - Gove County Area
2)	1983 - Tri-State Area
3)	1984 - Ellsworth / Saline County Area
4)	1985 - Riley / Pottawatomie / Wabaunsee Counties
5)	1986 - Ford / Clark County Area
6)	1987 - Cowley / Elk County Area
State Field Trip Guidebooks	File 12
1)	1998 - Southern Flint Hills (Greenwood & Woodson Counties)
2)	2000 - Eastern Kansas (Anderson, Coffee & Osage Counties)
3)	2001 - Eastern Kansas (Anderson, Coffee & Osage Counties)
4)	2002 - Central Kansas (Butler, Dickinson, McPherson, Ellsworth & Russell Counties)
5)	2002 - Southeastern Kansas (Cherokee, Elk & Chautauqua Counties)
6)	2003 - Central Kansas (Butler, Dickinson, McPherson, Ellsworth & Russell Counties)
7)	2003 - Southeastern Kansas (Cherokee, Elk & Chautauqua Counties)
State Field Trip Guidebooks	File 13
1)	2004 - Southern Flint Hills (Greenwood & Woodson Counties)
2)	2004/2005 - Northern Flint Hills (Wabaunsee, Shawnee, Marshall, Riley & Pottawatomie Counties)
3)	2005 - Southern Flint Hills (Butler, Greenwood, Elk & Woodson Counties)
4)	2006 - Western Smoky Hills (Gove, Lane & Russell Counties)
5)	2007 - The Osage Cuestas (Anderson, Osage, Linn & Woodson Counties)

6)	2007 - Northern Smoky Hills (Cloud, Osborne, Jewell, Republic, Washington & Riley Counties)
7)	2008 - The Osage Cuestas (Osage, Linn, Anderson, Woodson & Greenwood Counties)
8)	2008 - Northern Smoky Hills (Cloud, Osborne, Jewell, Republic & Riley Counties)
State Field Trip Guidebooks	File 14
1)	2009 - Southeastern Kansas (Crawford, Cherokee & Wilson Counties)
2)	2009 - Western Kansas (Kiowa, Clark, Lane & Gove Counties)
3)	2010 - Southeastern Kansas (Crawford, Cherokee, Montgomery & Wilson Counties in KS and Ottawa County in OK)
4)	2010 - Western Kansas (Kiowa, Clark, Ford, Gove & Lane Counties)
5)	2011 - Northeastern Kansas (Jackson, Shawnee, Wabaunsee, Riley & Marshall Counties)
6)	2011 - Central Kansas (Greenwood, Dickinson, McPherson, Ellsworth & Russell Counties)
7)	2012 - Northeastern Kansas (Jackson, Shawnee, Wabaunsee, Marshall & Riley Counties)
8)	2012 - Central Kansas (Butler, Greenwood, Dickinson, McPherson & Ellsworth Counties)
State Field Trip Guidebooks	File 15
1)	2013 - Western Kansas (Lane, Gove, Russell & Osborne Counties)
2)	2014 - South Central Kansas (Cowley, Elk, Woodson & Greenwood Counties)
3)	2014 - Southeastern Kansas (Cherokee, Neosho & Allen Counties in Kansas and Jasper County, Missouri)

VI. Slides	Separate Boxes
1)	Slide Carousel - "Exploring The World Through Geology," 1970, developed by Harold E. Jones, Dir. Of Extension, KSU, 79 slides. See File 4, No. 2: Script for this slide set
2)	Slides, loose in box - Rock & Mineral Identification. See File 4, No. 3

The following State Field Trip Guidebooks are NOT in the Library. However, it may be possible to obtain photocopies:

	1991 - Southeastern Kansas (Cherokee, Montgomery & Wilson Counties)
	1992 - The Smoky Hill Chalk Beds-Western Kansas (Logan, Gove & Trego Counties)
	1993 - Eastern Kansas (Wabaunsee, Coffey & Wilson Counties)
	1994 - The Flint Hills & Osage Cuestas-Eastern Kansas (Elk & Greenwood Counties)
	1995 - Southeastern Kansas (Cherokee & Montgomery Counties)
	1996 - Tour of the Smoky Hills-Western Kansas (Trego, Gove, Russell, Barton & Lincoln Counties)
	1996 - Northeastern Kansas
	1997 - Tour of the Smoky Hills-Western Kansas (Trego, Gove, Russell, Barton & Lincoln Counties)
	1997 - Northeastern Kansas
	1998 - Northern Flint Hills
	1999 - Southern Flint Hills (Greenwood & Woodson Counties)
	1999 - Northern Flint Hills (Riley, Marshall & Pottowatomie Counties)
	2000 - Western Kansas
	2001 - Western Kansas (Ford, Clark, Kiowa, Lane & Gove Counties)