

**KANSAS GEOLOGICAL SURVEY  
OPEN-FILE REPORT 84-15**

CATALOG OF THESES AND DISSERTATIONS CONCERNING THE  
GEOLOGY OF KANSAS AND ADJACENT COUNTIES OF  
BORDERING STATES, 1896-1982

by

Lawrence H. Skelton

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ADJACENT COUNTIES OF BORDERING STATES,  
1896 - 1982

Compiled by  
Lawrence H. Skelton

## PREFACE

For some eighty years, university geology students in Kansas and other states have written masters' theses and doctoral dissertations concerning various aspects of the geology of Kansas and bordering areas. This catalog lists and indexes those efforts which are mostly unpublished and shelved in the libraries of the respective universities.

The geology departments of the universities of Kansas and other states known to have conducted graduate research in Kansas kindly furnished thesis lists from which subjects related to Kansas were extracted. Many of these theses have been published as written or in a revised and edited version but such publications are not indicated herein.

These theses and dissertations are indexed in four categories: alphabetically, by author, subject, county or region, and rock unit. Although each category lists author and subject title, only the author index names the university where the thesis is available. An outline map of counties, marked to indicate thesis topics is included at the front of the catalog.

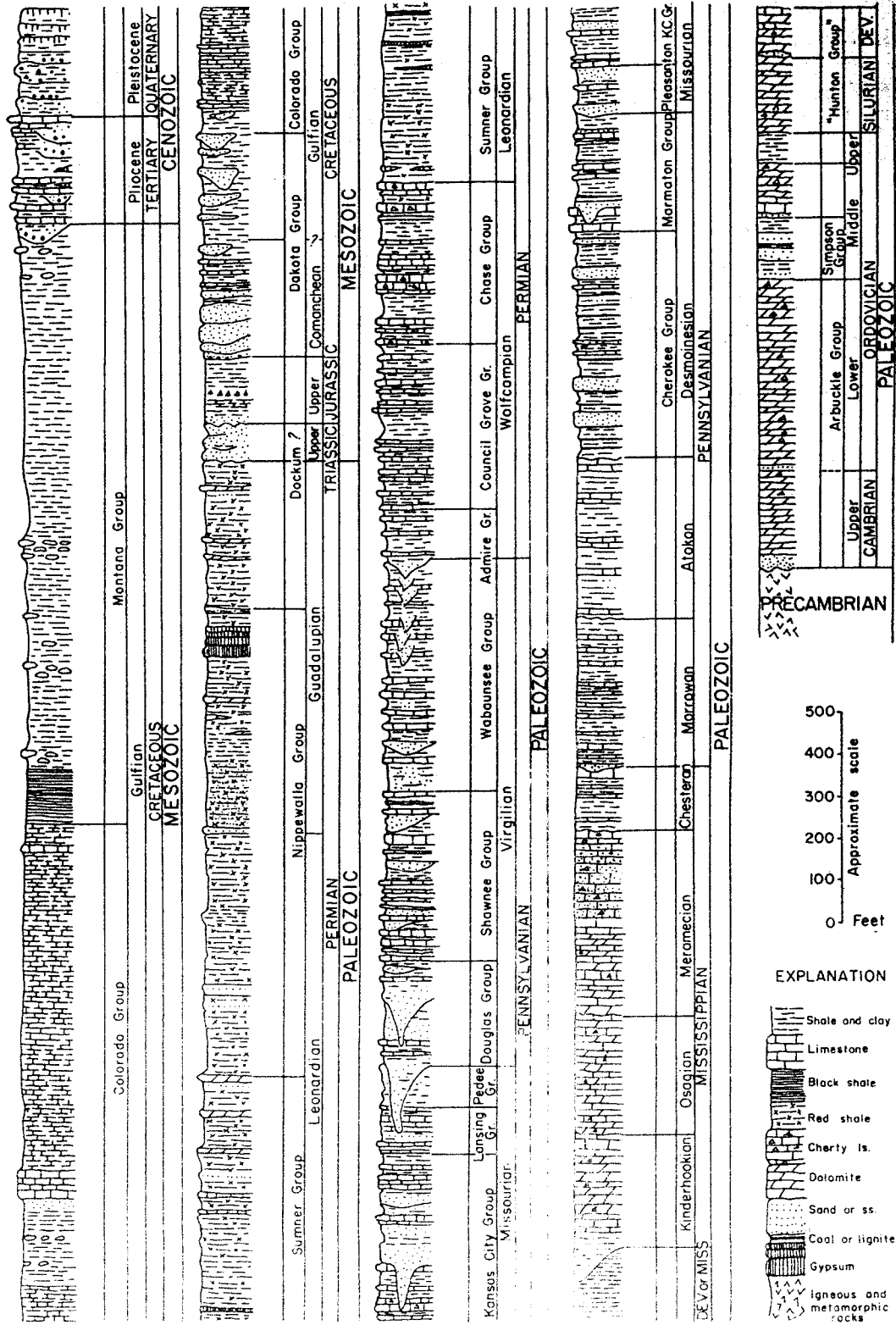
Copies of the listed theses and dissertations are generally available for review in the libraries of the universities indicated and commonly are available through Interlibrary Loan upon request from any official library to the appropriate university.

Many doctoral dissertations published since 1923, are available for purchase in microcopy from University Microfilms International, 300 North Zeeb Road, Ann Arbor, Michigan 48106.

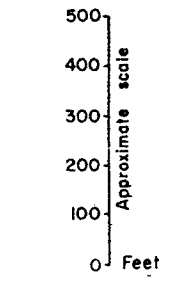
It is anticipated that this catalog will be of use to researchers engaged in academic or economic aspects of Kansas geology.

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KANSAS STRATIGRAPHIC COLUMN  
(after Merriam, 1963)



EXPLANATION

	Shale and clay
	Limestone
	Black shale
	Red shale
	Cherty ls.
	Dolomite
	Sand or ss.
	Coal or lignite
	Gypsum
	Igneous and metamorphic rocks

PRECAMBRIAN	
Upper Cambrian	Arbuckle Group
Middle Cambrian	Simpson Group
Lower Cambrian	"Hunton Group"
ORDOVICIAN	
PALEOZOIC	
PENNSYLVANIAN	
Upper Pennsylvanian	Aftonian
Middle Pennsylvanian	Cherokee Group
Lower Pennsylvanian	Desmoinesian
MISSISSIPPIAN	
Upper Mississippian	Morravian
Lower Mississippian	Chesterian
DEVONIAN	
Upper Devonian	Mazonian
Lower Devonian	Pleasonton
MISSOURIAN	
PERMIAN	
Upper Permian	Wolfcampian
Lower Permian	Permian
TRIASSIC	
Upper Triassic	Comanchean
Lower Triassic	Dakota Group
JURASSIC	
Upper Jurassic	Gulfian
Lower Jurassic	Colorado Group
CRETACEOUS	
MONTANAN	
TERTIARY	
Upper Tertiary	Pliocene
Lower Tertiary	Pleistocene
QUATERNARY	

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Bernasek, Rodney, 1967. Stratigraphy of Admire Group ("Early Permian") in southeastern Nebraska and eastern Kansas.

Perlmutter, Barry, 1977. Conodonts from the uppermost Wabaunsee Group (Pennsylvanian) and the Admire and Council Grove Groups (Permian) in Kansas.

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- Fischer, William, 1953. The foraminifera and stratigraphy of the Colorado Group in central and eastern Colorado.
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Oliver, Lonnie, 1975. The Cowley Shale facies of Elk County, Kansas.

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McKinney, James, 1959. Petrographic analysis of the Crowebury coal and its associated sediments.

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Erwin, Eugene, 1958. Heavy minerals of the Gurley and Cruise sands in southwestern Nebraska.

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Belchie, George, 1915. Plasticity of the Dakota Clays of Kansas.

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#### Doniphan Shale Member

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Gilmore, John, 1973. Stratigraphy of the Emporia Limestone (Virgilian) in east central Kansas.

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### Englevale Sandstone Member

Howard, Leonard, 1959. Englevale Sandstone (Pennsylvanian) of eastern Bourbon and northeastern Crawford Counties, Kansas.

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Griesemer, Allan, 1970. Paleoecology of the Ervine Creek Limestone (Late Pennsylvanian) in the Midcontinent region.

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Manes, Monna, 1973. A zonation of calcareous nannofossils of the Fairport Chalk (Upper Cretaceous) in Kansas.

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Empie, Joel, 1962. Stratigraphy of the Funston Limestone (Wolfcampian) between the Kansas River and the Cottonwood River valleys, Kansas.

### Galesburg Shale

Stobbe, William, 1971. Petrology and stratigraphy of the Dodds Creek Member, Galesburg formation (Upper Pennsylvanian) of southeastern Kansas.

### Garrison Formation (obsolete name, now upper half of Council Grove Group)

Wells, Dana, 1929. Notes on the paleontology of the Garrison Formation of Kansas.

### Graneros Shale

Al-Arabi, Nizar, 1971. Mineralogy and geochemistry of the bentonite marker beds of the Graneros Shale (Upper Cretaceous) in Lincoln and Russell Counties, Kansas.

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Bergman, Denzil, 1950. The Greenhorn Limestone in Kansas.

Worstell, Paula, 1966. Foraminifera of the upper Greenhorn and lower Carlile Formation (Upper Cretaceous), Colorado and Kansas.

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Lane, N. Gary, 1954. Environment of deposition of the Grenola Formation (Lower Permian) in southern Kansas.

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Erwin, Eugene, 1958. Heavy minerals of the Gurley and Cruise sands in southwestern Nebraska.

#### Hamlin Shale Member

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#### Havensville Shale Member

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#### Heebner Shale Member

Crouch, Michael, 1971. A clay mineral and detrital quartz assessment of the Heebner Shale (Pennsylvanian, Virgilian) of eastern Kansas.

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#### Hertha Limestone

Ravn, Robert, 1981. Stratigraphy, petrography and depositional history of the Hertha Formation (upper Pennsylvanian) Midcontinent North America.

#### Hickory Creek Shale Member

Jacques, Theodore, 1964. Microfossil distribution in the Hickory Creek Shale, Wilson and Montgomery Counties, Kansas.

#### Higginsville Limestone Member

Schell, Bill, 1954. The stratigraphy and depositional history of the Verdigris-Higginsville interval in northeastern Oklahoma.

### Hogshooter Limestone

Cronoble, William, 1961. Petrology of the Hogshooter Formation (Missourian), Washington and Nowata Counties, Oklahoma.

Hansen, Beauford, 1957. The stratigraphy and petrogenesis of the Hogshooter Formation in northeastern Oklahoma.

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#### Hygiene Sandstone Member

Murphy, Robert, 1932. Petrographic study of the lower Hygiene Sandstone Members of the Upper Cretaceous Pierre Shales of northeastern Colorado.

#### Inola Limestone Member

Mohler, Charles, 1942. A field study of the Inola Formation of Osage and Tulsa Counties.

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Jewett, John, 1929. Notes on the fauna of the Iola Limestone.

Mitchell, John, 1981. Stratigraphy and depositional history of the Iola Limestone, Upper Pennsylvanian (Missourian), northern Midcontinent U. S.

#### Ireland Sandstone Member

Rutan, Debra, 1980. The environment of deposition of the Ireland Sandstone Members and related strata.

#### Jackson Park Shale Member

Rowell, Bruce, 1970. Paleocology of the Jackson Park Shale (Upper Pennsylvanian) in the northern Midcontinent region.

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#### Kearny Formation

McManus, Dean, 1959. Stratigraphy and depositional history of the Kearny Formation (Lower Pennsylvanian) in western Kansas.

#### Kenosha Shale Member (obsolete in Kansas, included in Tecumseh Shale)

Wilson, Samuel, 1977. Paleocology of the Kenosha Shale (upper Pennsylvanian) in the northern Midcontinent region.

#### Kereford Limestone Member

Monger, James, 1961. Stratigraphy of the Kereford Limestone in eastern Kansas.

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#### Vilas Shale

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#### Viola Limestone

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#### Winterset Limestone Member

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