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## **L. Claire Hulbert Collection UA.10.3.300**

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Describing Archives: A Content Standard

Michigan State University Archives and Historical Collections

Conrad Hall

943 Conrad Road, Room 101

East Lansing , MI 48824

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URL: <http://archives.msu.edu/>

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## Summary Information

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<b>Repository:</b>	Michigan State University Archives and Historical Collections
<b>Title:</b>	L. Claire Hulbert collection
<b>ID:</b>	UA.10.3.300
<b>Date [inclusive]:</b>	1937-1939
<b>Physical Description:</b>	0.1 Cubic Feet
<b>Language of the Material:</b>	English

### Preferred Citation

Researchers wishing to cite this collection should include the following information: "Item title, Collection title, Collection Identifier, Michigan State University Archives & Historical Collections, East Lansing, Michigan."

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## Biographical Note

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Lloyd C. Hulbert was born June 27, 1918 in Lapeer, Michigan. He attended Michigan State College (now Michigan State University) and graduated in 1940 with a Bachelor's degree in Wildlife Conservation. In the mid-1940s, Hulbert worked for the U.S. Forest Service in range reseeding research in Montana and as an active "smoke jumper" (forest firefighter who parachutes into remote areas). He returned to college and earned a Ph.D. in Botany and Plant Ecology in 1953 from Washington State University. From 1955 to 1986, Hulbert was a Professor of Biology at Kansas State University. Internationally recognized for his research of prairie forest interactions, Hulbert served as the first director of the Konza Prairie Biological Station in Kansas (1971-1986). Hulbert died in the Bahamas on May 23, 1986.

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## Scope and Contents

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This collection consists of photographic negatives of Michigan geological features taken by L. Claire Hubert, on behalf of the Michigan Geological Survey. Listed on each negative sleeve is the type of geological feature, location (often including range numbers), the photographer (Hulbert), and the date taken. Some negative sleeves have additional information. There are also a few photographic prints in the collection.

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## Administrative Information

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### Publication Statement

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### Conditions Governing Access

Collection is open for research.

### Conditions Governing Use

Permission to publish material from this collection must be obtained from University Archives & Historical Collections, Michigan State University.

### Conditions Governing Access

**Legal Status:** Copyright: Michigan State University. Property Rights: Michigan State University.

### Custodial History

Materials were transferred by the MSU Libraries to the University Archives.

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## Controlled Access Headings

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- Photographs
- Geological surveys
- Michigan

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## Collection Inventory

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Title/Description	Instances
Negatives	
No. 1: Sink-hole near "Four Hole" about 4 mi. N. of Long Rapids. Sink on road line causing bend in highway, May 30, 1937	box UA Photo 36
No. 2: Kettle Hole – Livingston Co. Looking North. East Side M-23 of US-16 near Brighton, April 30, 1937	box UA Photo 36
No. 3: Kettle Hole at M-78 N.E. of Battle Creek , May 15, 1937	box UA Photo 36
No. 4: Mason Esker - Section. Location: N. side of Crossroad, Near U.S.-27, N. of Mason , April 25, 1937	box UA Photo 36
No. 5: Mason Esker in Mt. Hope Cemetery Showing. Location: Floodwaters of Sycamore R. at foot. Looking S.E., April 18, 1937	box UA Photo 36
No. 6: S. Side Blowout, Baldhead, looking, S.E. near lake end. Saugatuck, Michigan , September 26, 1938	box UA Photo 36
No. 7: View across Maple R. Valley toward Muir, Mich. Just above junction with Grand River , November 13, 1937	box UA Photo 36
No. 8: View over junction of Maple & Grand R. Valleys from bluff opposite Muir, Mich. , November 13, 1937	box UA Photo 36
No. 9: "Bad Creek" in Stony Creek Valley – Looking N. from S. bank. Location: U.S.-27 S. of St. Johns, Mich. , November 15, 1937	box UA Photo 36
No. 10: Cut in Crest of Kame - Detail, 7 mi E. of Lapeer, Mich., showing Stratified Gravel , October 31, 1937	box UA Photo 36
No. 14: Ionia Moraine – Looking S. from near N. end of abandoned Fur Farm, located 1 mi N. Park L. Clinton County, April 1937	box UA Photo 36

No. 15: Lake Plain - Saginaw, located south of Arthur on M.24 [note: Arthur was located on M15 between M81 & M83], November 26, 1937	box UA Photo 36
No. 16: Belle River (dredged) in head of part of Imlay Channel) in Lapeer Co., Mich. Two and one-half miles south and one mile east of Imlay City, looking east. About on boundary between SW ¼ and SE ¼, T7N, R12E [range numbers] , July 3, 1938	box UA Photo 36
No. 17: Side of blowout, Baldhead, S. side looking West in Saugatuck, Mich. , September 26, 1938	box UA Photo 36
No. 18: View across west end of Kame toward others in distance. Lapeer County, Mich. Two miles east of Five Lakes (small lake in distance, to right of center NW ¼, T8N, R11E) , July 4, 1938	box UA Photo 36
No. 19 Blowout, Baldhead Dune, looking East upslope in Saugatuck, Michigan , September 26, 1938	box UA Photo 36
No. 20: Drumlin in Antrim Co. Mich. 3 Or 4 mi. N.W. of Ellsworth. Cross section of north bank of county road cut. T32N, R8W , May 28, 1938	box UA Photo 36
No. 21: Drumlin in Antrim Co., Michigan. 3 or 4 mi. NW of Ellsworth, looking straight so. Down ridge of drumlin T32N, R8W , May 28, 1938	box UA Photo 36
No. 22: Drumlin in Antrim Co., Michigan. Trending N. and S. about 1 mi. S. of Ellsworth. (Looking S.E.) T32N, R8W , May 28, 1938	box UA Photo 36
No. 23: Lag boulders in pasture (Stony Creek Valley), located just West of village limits of Pewamo. 400 ft. N. of M-21 , November 13, 1937	box UA Photo 36
No. 24: Kame located N.W. of Howell, Livingston County, looking East , May 2, 1937	box UA Photo 36
No. 25: Erosion in Kamic Moraine located 7 mi. E. of Lapeer, Mich. , October 31, 1937	box UA Photo 36
No. 26: Opening in Charlotte Esker located between Potterville & Charlotte , October 22, 1937	box UA Photo 36
No. 27: Large linear line of Kames running NW-SE located in Antrim Co. Mich. Looking N.N.E. 2 or 3 miles S. of Mancelona T29W, R6W , May 28, 1938	box UA Photo 36
No. 28: Moraine located in Cheboygan Co., Mich., 1 or 2 miles north of Wolverine, trending north and south, view from west sides. T34N, R2W , May 29, 1938	box UA Photo 36
No. 29: Battle Creek Valley from high moraine of West, located 3 mi. N.E. Battle Creek on M-78 looking SE , May 15, 1937	box UA Photo 36
No. 30: Clay bank Shiawassee River, located by M-47, South of Oakley, Mich. , November 25, 1937	box UA Photo 36

No. 31: Detail of Breccia located in Cheboygan County, Mich. Breccia ridge (Limestone breccia) about 1 mile S.E. of Mackinaw City. T39N, R3W , May 29, 1938	box UA Photo 36
No. 32: Detail of stratification located in Emmet Co. Mich. Mud Lake quarry (south half of dome, looking east) on E. Side of M131, 1 mi. N. of junction with US 31. T35N, R5W , May 29, 1938	box UA Photo 36
No. 33: Till plain located north of Mason, Ingham Co., Mich. , October 23, 1937	box UA Photo 36
No. 34: Bioherm, located at the boundary of Emmet and Cheboygan Co. Mich. 1 ½ miles South of Mackinaw City, West side of US 31. Boundary between T39N, R3W and T39N, R4W , May 29, 1938	box UA Photo 36
No. 35: Lake Plain of glacial, located in Lapeer County, Michigan Lake Huron (early stage-Maumee or Arkona?). SE ¼, T6N, R12E , July 3, 1938	box UA Photo 36
No. 36: Head of recently eroded ravine, located near Gull L. Kalamazoo County, M-89 , May 15, 1937	box UA Photo 36
No. 37: Erosion at Bottom of Ravine located near Gull Lake, Kalamazoo County, M-89 , May 15, 1937	box UA Photo 36
No. 38: Ravine – near foot – active side branch located near Gull L. Kalamazoo County, M-89 , May 15, 1937	box UA Photo 36
No. 39: Ionia Moraine – looking N.E., located 1 mi. N. Park L. Clinton County , April 1937	box UA Photo 36
No. 40: Ionia Moraine – Looking E. from N. end of abandoned Fur Farm located 1 mi. N. of Park L. Clinton County , April 1937	box UA Photo 36
No. 41: Imlay Channel, located in Lapeer Co., Mich. One mile south and one-half mile east of Imlay City, looking south along west side of channel. SW ¼, T7N, R12E, July 3, 1938	box UA Photo 36
No. 42: Kame – (motorcycle-hill-climb), located east of Mason, Ingham County, Mich. Shows typical profile, etc. , October 23, 1937	box UA Photo 36
No. 43: Upper beach in Shiawassee River Valley – N. bank, located near M-47 south of Oakley, looking N.E. , November 25, 1937	box UA Photo 36
No. 44: Kamic Moraine, located 7 mi. E. of Lapeer, Mich. Shows Stump fences represent heavy growth of Pine timber which once grew all over Lapeer County, October 31, 1937	box UA Photo 36
No. 45: Kamic topography, located in Lapeer Co., Michigan Two miles east of Five Lakes, looking ENE. NW ¼, T8N, R11E , July 4, 1938	box UA Photo 36
No. 46: Chelsea, August 1938	

	box UA Photo 36
No. 47: Kettle hole – Livingston County, located E. side M23, S. of Brighton – looking SE, April 30, 1937	box UA Photo 36
No. 48a, 48b: Sink-hole at "Four Holes," located about 4 mi. N. of Long Rapids, May 30, 1937	box UA Photo 36
No. 49: Kamic forms along E. front, Charlotte moraine S.W. of Saranac , July 18, 1937	box UA Photo 36
No. 50: Valley of North Branch of Clinton River in Maumee or Arkona Lake plain, located in Macomb Co., Mich. On road between Romeo and Armada, one mile below reservoir in river, looking N.N.E. (approx.?) SW ¼, T5N, R13E , July 3, 1938	box UA Photo 36
No. 51: View across Imlay Channel, located N.E. of Durand on M78 – S.W. of Flint , October 31, 1937	box UA Photo 36
No. 52: Nipissing beach lines (Dr. George Stanley for Scale, mid-distance) located just outside (N.) city of Alpena , May 30, 1937	box UA Photo 36
No. 53: Knob and Kettle, located by M-78 N.E. of Battle Creek , May 15, 1937	box UA Photo 36
No. 54: Large stack at Point Aux Barques. This stack was separated from the main rock by wave action cutting back along joints and finally cutting clear around the stack. Marshall Sandstone. Note the "thumbnail" at the left side of the photograph. [Archivist's note: formation known as "Turnip Rock"]. Point Aux Barques, Huron Co., Mich. T19N, R13E , May 13, 1939	box UA Photo 36
No. 55: Lag boulders concentrated by wave action on modern shore. Lake Huron a short distance south of Forrestville, Sanilac County, Michigan, May 12, 1939	box UA Photo 36
No. 56: Shingle beach of sandy shale. Coldwater shale outcrops on the beach, and here it has been broken up by water and wave action. Shore of Lake Huron north of Forester, Sanilac County, Michigan. T13N, R16E , May 12, 1939	box UA Photo 36
No. 57: Sand covered moraine between Sleeping Bear Dunes and Glen Lake, showing old stub of a tree which once grew here, and stratification of the windblown sand. Leelanau County, Michigan , April 29, 1939	box UA Photo 36
No. 58: Glacial varves – showing an unconformity in layers near the top of the deposit. These layers were thin and mostly of clay. Miami Park Beach, north of South Haven, Allegan County, on the shore of Lake Michigan. T1N, R17W , April 28, 1939	box UA Photo 36
No. 59: Glacial varves. About eight years deposition, (rather thick layers). The sand is thicker than the clay at the top, indicating short winters. Miami Park Beach, north of South Haven, Allegan County. T1N, R17W , April 28, 1939	box UA Photo 36
No. 60: Old till of the covert ridge lying on the glacial varves (general view). Lake Michigan in distance. Miami Park Beach,	box UA Photo 36



north of South Haven, Allegan County. T1N, R17W , April 28,  
1939

No. 61: View of rd. cut in N. end of kame Lapeer Co., Mich. About 2 mi E. of Five Lakes, T8N, R11E. Stratification in bank at left of cut had a dip parallel with end of kame. Shown to the right , July 4, 1938	box UA Photo 36
No. 62: Cut bank in kame (N. end) Lapeer Co., Mich. T8N, R11E. Along N. bank of road about 2 mi. E. of Five Lakes, looking N.E. Lake over top and moraine in distance , July 4, 1938	box UA Photo 36
No. 63: Sand – Allegan Co. Hardened clay layers exposed in shifting sand about a mile from Lake Michigan. NW ¼, T2N, R16W , September 25, 1938	box UA Photo 36
No. 64: Sand dune – Ottawa Co. Erosion formations in steep sand bank on lee side of dune. In lee or dune at outlet or Lake Macatawa, Ottawa Co., Mich. , September 25, 1938	box UA Photo 36
No. 65: Washtenaw County – erosion in sheep pasture. (Dung of sheep, cow, and horses noted). SE ¼ sec. 35, T1S, T3E , October 1, 1938	box UA Photo 36
No. 66: Erosion – Ionia Co., Small erosion gully. East side of Grand River Valley East of Lyon one mile. SW ¼, T7N, R5W, September 11, 1938	box UA Photo 36
No. 67: Large cave cut by wave action in Marshall Sandstone along at joint. Shore of Lake Huron at Point Aux Barques, Huron County, Michigan. T19N, R13E , May 13, 1939	box UA Photo 36
No. 68: Concretion, about 2 ½ in diameter Antrim Co., Mich. A few feet from shale outcrop on present beach of Lake Michigan, about 1 mile south of Norwood. NE ¼, T32N, R9W, May 28, 1938	box UA Photo 36
No. 69: Old grindstone in the rough, probably discarded due to a flaw in the rock (about 6 feet in diameter). Beside an abandoned quarry at Grindstone City, Huron County, Michigan. T19N, R13E (on the tip of the thumb) , May 13, 1939	box UA Photo 36
No. 70: Two sets of striae in glacial pavement on Bayport limestone. One set trends about north, the other NE. Quarry SE of Bay Port, Huron County, Michigan. T16N, R10E , May 13, 1939	box UA Photo 36