

Guide to the Raymond Laurel Lindeman Papers

MS 815



compiled by Thomas J. Connors

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Collection Overview

REPOSITORY: Manuscripts and Archives
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CALL NUMBER: MS 815

CREATOR: Lindeman, Raymond Laurel, 1915-1942

TITLE: Raymond Laurel Lindeman papers

DATES: 1929-1942

BULK DATES: 1938-1942

PHYSICAL DESCRIPTION: 3.5 linear feet

LANGUAGE: English

SUMMARY: The papers consist of correspondence, ecological writings, and research materials of Raymond L. Lindeman. The correspondence concerns his research work and publications. His writings and research are primarily devoted to the limnology of Cedar Creek Bog and Cedar Bog Lake in Anoka County, Minnesota. Also included are miscellaneous notes, essays and drawings by his wife, Eleanor Hall Lindeman.

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Key to the container abbreviations used in the PDF finding aid:

b. box
f. folder

Administrative Information

Immediate Source of Acquisition

Gift of G. Evelyn Hutchinson in 1971 and 1973; transferred from School of Forestry, 1999.

Conditions Governing Access

The materials are open for research.

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Preferred Citation

Raymond Laurel Lindeman Papers (MS 815). Manuscripts and Archives, Yale University Library.

Biographical / Historical

Raymond L. Lindeman received his Ph.D. from the University of Minnesota in 1941. He was a post-doctoral fellow at Yale associated with Professor G. Evelyn Hutchinson when he died in June 1942. His paper, "The Trophic-dynamic Aspect of Ecology," published posthumously by *Ecology Magazine*, is considered a classic in the field of environmental science.

Scope and Contents

The Raymond L. Lindeman Papers consist of 3.5 linear feet of correspondence, ecological writings, research notebooks and other research materials. Miscellaneous notes, essays and drawings by his wife, Eleanor Hall Lindeman, are also included.

The correspondence mainly concerns Lindeman's research, publications and institutional employers. A number of letters concern the initial rejection and eventual acceptance of Lindeman's article "The Trophic Dynamic Aspect of Ecology" by *Ecology Magazine*. The correspondence is arranged alphabetically by individual or organization.

The writings are mainly concerned with the limnology of Cedar Creek Bog and Cedar Bog Lake in northern Anoka County, Minnesota. They are arranged chronologically.

Notebooks and other research materials, which include photographs, charts and maps, follow the writings.

The Raymond L. Lindeman Papers were given to Yale University Library by G. Evelyn Hutchinson in 1971.

LIST OF CORRESPONDENTS

Academy of Natural Sciences of Philadelphia, 1942
W. C. Allee, 1941

American Association for the Advancement of Science , 1939
American College Bureau , 1941
American-Scandinavian Foundation , 1940
Jay D. Andrews , [n.d.]
Russell Artist , 1941
Tom Austin , 1940-41
James E. Ackert , 1938-39
Elbert H. Ahlstrom , 1939-41
American-Midland Naturalist (Theodore Just) , 1939-42
George Banta Publishing Co. , 1939
Leonard M. Bennetch , 1941
Clifford O. Berg , 1942
L. R. Betty , 1942
Bibliofilm Service , [n.d.]
Biological Abstracts , [n.d.]
Irving H. Blake , 1942
P. Blakiston's and Son and Co., Inc. , 1938
M. W. Boesel , 1942
W. H. Bradley , 1939
Walter Breckenridge , 1941
Murray C. Buell , 1938-42
Stanley Cain , 1941
Ken Carlander , 1941
T. C. Carter , 1939
William Castle , 1941
Brother H. Charles , 1941
E. P. Cheatem , 1942
R. O. Christianson , 1939
E. B. Clarke , [n.d.]
W. A. Clemens , 1941-42
Paul S. Conger , 1939
Connecticut State Library , 1942
Cornell University Agric. Exp. Station , 1942
Glenn C. Couch , 1939
Cranbrook Press , 1942
Bill T. Crawford , 1941
Robert S. Campbell , 1939, 1941
J. Richard Carpenter , 1940-42
William S. Cooper , 1941-42
Kenneth E. Damonn , 1942
Robert A. Darrow , 1942
Charlotte Dawley , 1942
Edward S. Deevey, Jr. , 1939-42
Ecological Monographs , 1941-42
W. T. Edmondson , 1939, 1941
C. J. Elmore , 1939
Arnold B. Erickson , 1939
Ecological Society of America , 1939-41
Ecology Magazine (Thomas Park) , 1941-42
Samuel Eddy , 1936-37, 1941-42
Frank E. Eggleton , 1939-41
Merlin Findlay , 1939-41
Ray C. Friesner , 1940
T. H. Frison , 1938, 1940
Ira N. Gabrielson , 1941
Gamma Alpha , 1938

Brother George , 1941
W. M. Gersbacher , 1939
Gordon Ginther , 1938
Howard K. Gloyd , 1942
Brother H. Gregory , 1941
A. A. Granovsky , 1936, 1938-39
William J. K. Harkness , 1939, 1942
B. B. Harris , 1942
Fred Haynes , 1942
Harold J. Heady , 1941
Archie D. Hess , 1942
Willis G. Hewatt , 1939, 1942
Malcolm Higgins , 1938, 1940
Alec Hodson , 1941
Carl E. Hoffman , 1940
A. M. Holmquist , 1936-37
Carl L. Hubbs , 1939, 1941-42
A. G. Huntsman , 1939, 1942
Frank Hooper , 1941-42
G. Evelyn Hutchinson , 1940-41
Paul Illg , [n.d.]
William Ingram , 1941
Indiana Conservation Dept. , 1939
A. P. Jacot , 1940-41
Jefferson Hotel , 1941
Minna E. Jewell , 1939
Paul Johnson , 1939
Vincent Jones , 1938
Chancey Juday , 1940-41
Ersal W. Kindall , 1939
Trevor Kincaid , 1940-42
Herbert Knutson , 1942
Walter C. Kraatz , 1942
Paul E. Kuehne , 1942
James B. Lackey , 1939, 1942
Carl F. Lagler , 1942
Charles Lavers , 1939-41
Limnological Society of America (Paul S. Welch) , 1938-40
Arthur W. Lindquist , 1942
John H. Lockhead , 1942
Donald Lawrence , 1939, 1941-42
J. G. Mackin , 1940
James McLeod , 1940
MacMillan Co. , 1939
J. Marr , 1942
Ruth Marshall , 1941
C. W. Metz , 1942
Clarence E. Michel , 1941-42
Lorus J. Milne , 1942
Minnesota Academy of Science , 1940
John Moyle , 1941
Frank J. Myers , 1939, 1941
Dwight E. Minnich , 1936, 1938-39, 1941-42
Walter G. Moore , 1940-42
National Academy of Sciences , 1941
G. Morley Neal , 1939

S. L. Neave , 1939
James G. Needham , 1941
Paul R. Needham , 1939
Thurlow C. Nelson , 1939
Newburg Photo Studios , 1941
C. L. Newcombe , 1942
National Research Council , 1940, 1942
Maurice C. Old , 1939
Theodore A. Olson , 1942
C. J. Ostenburg , 1939
Henry J. Ousting , 1936
Park , 1941
Robert W. Pennak , 1939
Larry Perrin , 1941
Philadelphia Academy of Science , 1941
Frank A. Pitelka , 1941
H. W. Popp , 1941-42
J. E. Potzger , 1941-42
D. A. Preston , 1941
G. P. Putnam , 1940
Ruth Patrick , 1941-42
G. W. Prescott , 1937, 1939, 1941-42
D. S. Rawson , 1939
G. B. Rigg , 1941
Gordon A. Riley , 1939
William A. Riley , 1942
Hugo S. Rodeck , 1939, 1942
Eugene W. Roelofs , 1941
Mary Dora Rogick , 1939, 1942
C. O. Rosendahl , 1940
Harold Russell , 1938
George Rysgaard , 1939
Chuck Reif , 1938, 1940-42
Victor E. F. Salmon , 1939
W. F. Sanders , 1942
M. B. Scotland , [n.d.]
M. W. Senstius , 1941
V. E. Shelford , 1942
H. H. Shoemaker , 1942
Sigma Xi Society , 1939, 1941
Harry S. Smith , 1941
Lloyd L. Smith , 1939, 1941-42
J. Dewey Soper , 1941-42
Stanford University Press , 1938
Frank A. Stromsten , 1939
H. V. Sverdrup , 1941
Gustav Swanson , 1940
H. S. Swingle , 1941-42
Paul B. Sears , 1939, 1941-42
Clarence E. Taft , 1939, 1942
Horace S. Telford , 1940
F. T. Thwaites , 1941-42
William M. Tidd , 1939
Torrey Botanical Club , 1942
H. K. Townes , 1942
Lawrence D. Townsend , 1941

Willis L. Tressler, 1939, 1941
Ed Thatcher, 1941-42
Thomas G. Thompson, 1937-39
W. H. Twenhofel, 1939-40
U.S. Civil Service Commission, 1941
U.S. Government Printing Office, 1936, 1938-39
University of Indiana, 1941
University of Minnesota, 1940-42
University of Pennsylvania, 1942
University of Wisconsin, 1936, 1941
Henry Van der Shalie, 1942
W. A. Van Engel, 1941-42
John Van Oosten, 1942
J. Paul Visscher, 1942
Owen B. Weeks, 1942
George Wene, 1942
"Whip," 1938
D. D. Whitney, 1939
Williams and Wilkins Co., 1939
Eliot C. Williams, 1942
Dwight E. Wilson, 1941
John Wilson, 1942
L. L. Woodruff, 1942
Roy A. Waggener, 1941
Paul S. Welch, 1938, 1942
G. C. Wheeler, 1939, 1941
Ira T. Wilson, 1939, 1941
Yale University, 1940-41
Claude E. ZoBell, 1939

Collection Contents

Inventory, 1929-(1938-1942)

3.5 linear feet (10 boxes)

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b. 1, f. 1	A	1939-1942, undated
b. 1, f. 2	Ackert, James E.	1938-1939
b. 1, f. 3	Ahlstrom, Elbert H.	1939-1941
b. 1, f. 4	<i>American Midland Naturalist</i> English	1939-1942
b. 1, f. 5	B	1938-1942
b. 1, f. 6	Buell, Murray C.	1938-1942
b. 1, f. 7	C	1938-1942
b. 1, f. 8	Campbell, Robert S.	1939, 1941
b. 1, f. 9	Carpenter, J. Richard	1940-1942
b. 1, f. 10	Cooper, William S.	1941-1942
b. 1, f. 11	D	1941-1942
b. 1, f. 12	Deevey, Edward S., Jr.	1939-1942
b. 1, f. 13	E	1939-1941
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b. 1, f. 15	<i>Ecology</i> English	1941-1942
b. 1, f. 16	Eddy, Samuel	1936-1937, 1941-1942
b. 1, f. 17	Eggleton, Frank E.	1939-1942
b. 1, f. 18	F	1938-1941
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b. 1, f. 20	Granovsky, A. A.	1936-1939
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b. 2, f. 52	Wheeler, G. C.	1939, 1941
b. 2, f. 53	Wilson, Ira T.	1939, 1941
b. 2, f. 54	Yale University	1940-1941

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b. 2, f. 55	Z	1939
b. 2, f. 56	Unidentified	1937-1942
Writings and research materials		
b. 2, f. 57	"The Developmental History of Cedar Creek Bog," English	1940
b. 2, f. 58	"Experimental Simulation of Winter Anaerobiosis," English	1940
b. 2, f. 59	"Food Chain Dynamics in a Senescent Lake," English	1940
b. 2, f. 60	"Seasonal Distribution of Plants," English	1940
b. 2, f. 61	"Ecological Dynamics in a Senescent Lake, an abstract of a Ph.d. thesis by ...," English	1941
b. 2, f. 62	"Seasonal Distribution of Midge Larvae," English	1941
b. 2, f. 63	"Biological Productivity," English	[1941?]
b. 2, f. 64	"Cedar Bog Lake: The Aquatic Community," English	[1941?]
b. 2, f. 65	"Cedar Bog Lake: The Physical and Chemical Environment," English	[1941?]
b. 2, f. 66	"Fauna," English	[1941?]
b. 2, f. 67	"The Trophic Dynamic Aspect of Ecology (a series of working mss)," English	1941-1942
b. 2, f. 68	"Seasonal Food-Cycle Dynamics in a Senescent Lake," English	[1942?]
b. 2, f. 69	Pages from "Seasonal Food-Cycle Dynamics in a Senescent Lake,"	[1942?]
b. 2, f. 70	"Regional Planktonic Diatom Studies in Minn.," English	(undated)
b. 3, f. 71-73	Unsorted rough drafts, notes, pages from articles	undated
b. 3, f. 74	Pencil diagrams, graphs and charts [from thesis?]	undated
b. 3, f. 75	Unidentified photographs of woods and pond	1936-1937, undated
b. 3, f. 76	County maps of Minnesota	undated
b. 4, f. 77	Brachionus plates by Jo Pickard	undated
b. 4, f. 78	Miscellaneous illustrations	undated

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Notebooks

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b. 7	[1930s?] English	[1930s?]
b. 9, 8	1940-1942	1940-1942

Miscellany

b. 10, f. 79	<i>Quaternary Geology of Minnesota and Adjacent Regions</i> , by Leverett and Sardeson	1932
b. 10, f. 80	Drawings [by Lindeman?]	undated
b. 10, f. 81	"Physiology 23s - Laboratory Directors," English	undated
b. 10, f. 82	Miscellaneous practica	[1938?]

Eleanor (Hall) Lindeman

b. 10, f. 83	"Endocrine Glands and their Function," English	1938
b. 10, f. 84	English compositions	1938
b. 10, f. 85	Drawings	[1938?]
b. 10, f. 86	Laboratory plates	undated
b. 10, f. 87	Ornithology notes	undated

Selected Search Terms

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

Subjects

Ecology -- Minnesota
Science

Geographic Names

Cedar Bog Lake (Minn.)
Cedar Creek Bog (Minn.)

Occupations

Ecologists

Names

Lindeman, Eleanor Hall
Lindeman, Raymond Laurel, 1915-1942