

Ecological Studies of Wolves on Isle Royale

MTU-022

Finding aid prepared by Julie Blair, revised by Megan Dirickson.

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Describing Archives: A Content Standard

Michigan Technological University Archives and Copper Country Historical Collections
12/15/2010
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Summary Information

Repository	Michigan Technological University Archives and Copper Country Historical Collections
Creator	Allen, Durward L., (Durward Leon), 1910-1997
Creator	Peterson, Rolf Olin
Title	Ecological Studies of Wolves on Isle Royale Collection
Date [bulk]	Bulk, 1957-1999
Date [inclusive]	1830, 1850, 1905-2010
Extent	20.83 cubic feet ; 74 boxes, 2 oversize folders
Language	English
Language of Material	English
Mixed materials [Folder]	67 I-J
Mixed materials [Box]	1-74
Abstract	This collection documents much of the administrative and research aspects of the Ecological Studies of Wolves on Isle Royale (also referred to as the wolf-moose project) while under the direction of the research project's first and second primary investigators, Durward L. Allen and Rolf O. Peterson. Few materials are from John A. Vucetich, who began co-directing the project with Peterson in 2003. Research topics focus on wolves and moose, but include topics such as vegetation, birds, and small mammals. While most materials relate to Isle Royale, associated research in other geographical locations is also included. The collection includes

correspondence, administrative and financial records, and substantial data files, field notes, reports, manuscripts, and publications created and written by Allen, Peterson, and research assistants and field technicians on the project. Also included are a complete run of published annual reports (1958-2010).

Preferred Citation

MTU-022, Ecological Studies of Wolves on Isle Royale Collection, Michigan Technological University Archives and Copper Country Historical Collections, Houghton, Michigan.

Biography

Founded in 1958 by Dr. Durward L. Allen of Purdue University, Ecological Studies of Wolves on Isle Royale is the longest running continuous predator-prey study. The study focuses on the relationship between moose and wolves on Isle Royale and the various dynamic conditions affecting herd and pack population including climate and ecological factors. The seclusion of Isle Royale provides a unique opportunity for studying the wolf-moose relationship as it is a single predator-prey system. While officially titled Ecological Studies of Wolves on Isle Royale, the ongoing study is commonly referred to as the wolf-moose project. Before being established as an ongoing study, it was known under several names. These names include Isle Royale Wolf Project (1958-1960), Ecological Studies of the Beaver, Moose, and Wolf in Isle Royale National Park (1961-1963), Ecology and Coactions of the Moose on Isle Royale (1963-1964), Studies of the Moose and Wolves on Isle Royale (1964-1966), and Community Relationships and Population Dynamics of Terrestrial Mammals on Isle Royale, Lake Superior (1966-1970).

Rolf O. Peterson joined the project in the early 1970s. In 1975, Peterson took the lead on the project and the study was moved to Michigan Technological University. John A. Vucetich started as a field technician in the early 1990s and began co-directing the project's fieldwork with Peterson in the summer of 2003. Peterson retired from his faculty position at Michigan Tech in 2006 and has, as of 2012, continued to co-direct the project along with Vucetich.

Durward L. Allen was born October 11, 1910 in Uniondale, Indiana and died at the age of 87 on October 17, 1997. Allen received a Ph.D. in vertebrate ecology at Michigan State College (now Michigan State University) in 1937 and began work at Purdue University as professor of wildlife ecology in 1954. He initiated the wolf-moose project in 1958, culminating in the publication of his acclaimed book, *Wolves of Minong* (1979). Allen retired from Purdue in the mid-1970s, but continued on the faculty as professor emeritus and continued directing the wolf-moose project until 1975.

Rolf O. Peterson received his B.S. in zoology in 1970 from the University of Minnesota, Duluth. In 1974 he completed his Ph.D. in wildlife ecology from Purdue University. While at Purdue, Peterson began working with Allen on the wolf-moose project, and then joined the Michigan Tech faculty in 1975 when he took the lead on the project. Peterson's wife, Carolyn Peterson, has also assisted in fieldwork and their two sons, Trevor and Jeremy, have spent many of their summers on Isle Royale.

Collection Scope and Content Summary

The materials in this collection date from 1830-2010, with the bulk of material from 1957-1999. The few items that date to earlier than the mid-1950s are largely related to Isle Royale, and were likely collected

as background research before this ecological study began. This collection documents much of the administrative and research aspects of the Ecological Studies of Wolves on Isle Royale (also referred to as the wolf-moose project) while under the direction of both Durward L. Allen and Rolf O. Peterson, covering the full time periods for each of their durations as head of the project. Few materials are from John A. Vucetich, who began co-directing the project with Peterson in 2003. Research topics focus on wolves and moose, but include topics such as vegetation, birds, and small mammals. While most materials relate to Isle Royale, associated research in other geographical locations is also included.

The collection consists of materials largely created, collected and used by Allen and Peterson, but also contains substantial data files, field notes, reports, and manuscripts created and written by students, research assistants and field technicians on the project. These include Ronald L. Bell, Thomas Bradner, John A. Coble, James M. Dietz, Peter A. Jordan, John C. Keeler, L. David Mech, Kenneth Risenhoover, Larry J. Roop, Joseph M. Scheidler, Philip C. Shelton, Philip W. Stephens, John D. Vanada, and Michael L. Wolfe among others. Other members of the project are also included, like filmmaker George Desort and pilot Don Murray. This collection is comprised of a variety of formats: correspondence, financial documents, dissertations, manuscripts, annual reports, data collection files, field notes, books, magazines, newspaper articles, journal articles, brochures, press releases, newsletters, field guides, photographic prints, negatives, and slides, microfiche, maps, transparencies, and various magnetic and optical media (18 VHS, 2 videocassettes, 4 DVDs, 6 DVD-Rs, 1 3 ½" and 1 5 ½" floppy disk).

Administrative aspects are documented mainly through the correspondence of Allen and Peterson and through grant proposals and applications, as well as through expense reports, supply orders, travel records, personnel documents, and subject files concerning Isle Royale. These materials give significant insight into the funding of this study over half a century and the logistics of carrying out research in a remote location.

Research aspects of the project are documented through background resources, data collection files, field notes, digital files on floppy disks, hand-drawn and computer-rendered maps, charts, and graphs, as well as published maps and visual documentation in the form of photographic prints, negatives, slides, and video footage. The field notes comprise a significant portion of these files, with 169 notebooks from 25 different researchers, dating from 1960-2009.

The project's research is further documented through both published and unpublished forms of research output including manuscripts, theses and dissertations, presentation materials, reports and publications. Publication formats include books, newspaper articles, journal articles, magazines, press releases, newsletters, brochures, field guides, and produced videos and DVDs. These publications are generally written by a researcher on the project or are about or related to the wolf-moose project. Annual reports are extant from 1958-2010, including some original copies and preparation files, providing a summary of each year's research findings as well as information on personnel and funding for the year.

Other materials in the collection document a more personal side of the project, largely through Peterson's personal correspondence, correspondence between Allen and Peterson, a file of fan letters to Allen for the film *Wolf-Men*, a file on Allen's memorial service, photos of people, and publications about those working on the wolf-moose project.

Arrangement

The collection is arranged into 4 series, some with subseries, and then arranged chronologically. The exceptions are Series 4, *Research output*, which further divides the *Reports* subseries into *Annual and seasonal reports* and *Subject reports*, and the subseries *Publications* which is first arranged alphabetically by format, then chronologically.

Administrative Information

Publication Information

Michigan Technological University Archives and Copper Country Historical Collections 12/15/2010

Revision Description

Finding aid updated 8/14/2012

Access

Available for use in the Michigan Technological University Archives and Copper Country Historical Collections.

Conditions Governing Use

Various copying restrictions apply. Guidelines are available from Michigan Technological University Archives & Copper Country Historical Collections.

Use of videocassettes, VHS, DVDs, CD-Rs, and floppy disks may require production of digital copies.

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Acquisition

The field notes and some of the later annual reports were first donated in 2010 by Rolf O. Peterson. The remainder of the collection was donated by Rolf O. Peterson and John A. Vucetich on March 22, 2012.

Processing History

Related Materials

Related Archival Materials

Michigan Technological University Archives and Copper Country Historical Collections: Copper Country Vertical Files: Isle Royale National Park—Wolf & Moose Study Mammals—Moose Mammals—Wolves

Biographical Files: Allen, (surname) Peterson, Rolf, Carolyn, Jeremy, Trevor

Ecological studies of beavers, wolves, and moose in Isle Royale National Park, Michigan / by Philip Clarence Shelton. Thesis(Ph.D.)—Purdue University, 1966. F572.I8 S45 ARCH

The wolves of Isle Royale : a broken balance / by Rolf O. Peterson. Minocqua, Wisc. : Willow Creek Press, 1995. QL737.C22 P475 1995 ARCH

The wolves of Isle Royale : a broken balance / Rolf O. Peterson. Ann Arbor : University of Michigan Press, 2007. QL737.C22 P475 2007

A view from the wolf's eye / by Carolyn C. Peterson ; with illustrations by Trevor S. Peterson. Houghton, Mich. : Isle Royale Natural History Association, c2008. F572.I8 P48 2008 ARCH

Fortunate wilderness : the wolf and moose study of Isle Royale / a film by George Desort. [United States : s.n., 2009?] DVD QL737.C22 F68 2009

Michigan Technological University, J. R. Van Pelt Library and John and Ruanne Opie Library:

Wolf ecology and prey relationships on Isle Royale. Thesis (Ph.D.)—Purdue University, 1974. QL737.C22 P47

Wolves of Minong : their vital role in a wild community / Durward L. Allen. Boston : Houghton Mifflin, 1979. QL737.C22 A44

Wolves : behavior, ecology, and conservation / edited by L. David Mech and Luigi Boitani. Chicago, Ill. : University of Chicago Press ; Bristol : University Presses Marketing [distributor], 2006. QL737.C22 W6477 2006

Other sources:

Current project information and annual reports (1995-) are available at: <http://www.isleroyalewolf.org>

Controlled Access Headings

Corporate Name(s)

- Michigan Technological University.
- National Science Foundation. (U.S.)
- Purdue University.
- United States. National Park Service.

Genre(s)

- 3/4-inch (videotape)
- Annual reports
- CDRs (Recordable compact discs)
- Clippings (Information artifacts)
- Correspondence
- Digital photographs
- DVDs
- Field guides
- Field notes
- Field recordings
- Financial records
- Floppy disks
- Graphs
- Journals (periodicals)
- Magazines (periodicals)
- Manuscripts (Document genre)
- Maps
- Microfiche
- Negatives (Photographic)
- Newsletters
- Photographic prints
- Press releases
- Slides (photographs)
- Transparencies
- Videocassettes

Geographic Name(s)

- Isle Royale (Mich.)
- Isle Royale National Park (Mich.)
- Keweenaw County (Mich.)

Subject(s)

- Animal communities--Michigan--Isle Royale National Park
 - Birds--Michigan--Isle Royale
 - Ecology--Michigan--Isle Royale National Park
 - Gray wolf--Michigan--Isle Royale National Park
 - Mammals--Michigan--Isle Royale National Park
 - Moose--Michigan--Isle Royale National Park
 - Predation (Biology)--Michigan--Isle Royale National Park
 - Wilderness areas--Michigan--Isle Royale National Park--Management
 - Wolves--Michigan--Isle Royale
-

Researchers, authors, project members, producers, and correspondents

Personal Name(s)

- Ackerman, Timothy N.
- Allen, Durward L.
- Bell, Ronald L.
- Beyer, Jr., Dean E..
- Bradner, Thomas
- Brooks, John W.
- Cain, Stanley A.
- Coble, John A.
- Cochrane, Jean Fitts
- Cole, James E.
- Cramer, Mark S.
- Desort, George
- Dietz, James M.
- Dixon, Kenneth R.
- Doyle, Jane P.
- Haber, Gordon C.

- Hanson, Noel
- Hawver, Blyden
- Irmiger, Robert A.
- Janke, Robert
- Jensen, Gendron
- Jordan, Peter A.
- Keeler, John C.
- Knauer, William W. II
- Krefting, Lauritis W.
- Krumenaker, Bob
- Laske, Timothy G.
- Long, Mike
- Lonsway, Donald H.
- Mech, L. David
- Meier, Richard L.
- Miquelle, Dale George
- Mott, Angelique
- Murray, Don
- Neher, George
- Ogle, Thomas F.
- Page, Rich
- Peterson, Rolf O.
- Phillips, Mike
- Post, Eric
- Raisanen, Kristin
- Risenhoover, Kenneth
- Roell, Brian J.
- Roop, Larry J.
- Ruckel, Steven W.
- Salisbury, Mike
- Scheidler, Joe (Joseph) M.
- Seitz, William K.
- Shelton, Philip C.
- Smith, Douglas W.
- Stauber, Erik
- Stephens, Philip W.
- Stephens, Susan M.
- Stormer, F.
- Turner, Brian
- Vanada, John D.
- Vucetich, John A.
- Watt, James G.
- Wilcox, Jackie
- Wolfe, Michael L. Jr.

- **Woolington, James D.**

Correspondence**Collection Inventory****MTU-022.001 Correspondence 1830-1999**

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Correspondence

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Correspondence 1940-1976, bulk 1975	33	13
Correspondence 1976, undated	34	1
Correspondence 1976, undated	34	2
Correspondence 1976, undated	34	3
Correspondence 1976, undated	34	4
Correspondence 1976-1978, undated, bulk 1977	34	5
Correspondence 1977-1978, undated, bulk 1978	34	6
Correspondence 1977-1978, undated, bulk 1978	34	7

Correspondence

Correspondence 1967, 1978-1980, bulk 1979	35	1
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Correspondence 1983-1985, undated, bulk 1985	35	7
Correspondence 1986	35	8
Correspondence 1987	35	9
Correspondence 1988-1989, undated, bulk 1988	35	10
Correspondence 1989	35	11
Correspondence 1987-1990, bulk 1990	35	12
Correspondence 1991	35	13
Correspondence 1992-1993, bulk 1992	35	14

Administrative records

Correspondence 1979-1980, 1993, bulk 1993	35	15
Correspondence 1993-1994, undated, bulk 1994	35	16
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MTU-022.002 Administrative records 1957-1999**MTU-022.002.001 General records 1957-1981**

	Box	Folder
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Financial records

[Isle Royale National Park, general records] 1958-1962, undated	37	2
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Isle Royale Fire Policy 1978	37	7
[John M.] Morehead, [National Park Service], Statement for Management [and wolf research permits] 1977-1978	37	8
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Travel, Isle Royale, February 1961 January-March 1961	38	14
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Travel, Washington, D.C., May 9-13, 1962 April-May 1962	38	17
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Travel, Pokagon [State Park, Indiana] April 3-5, 1964	38	28
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Travel, Isle Royale, July 17-August 1, 1964 July 7-August 2, 1964	38	31
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Grants**MTU-022.002.004 Grants 1958-1999**

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Long-Term Ecological Research proposal, Isle Royale preparation, January 1980 1979-1980	40	1
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National Science Foundation preparation, Isle Royale wolf- moose 1974-1985	40	4
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[Michigan State] Senate Hearings, Game and Fish, Biennial Reports 1915-1920, 1975	44	2
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[Michigan State] Senate Hearings, Department of Conservation, Biennial Reports and Proceedings 1921-1937	44	5
[Early Isle Royale reports] 1931-1950	44	6
Lester J. McCann, Time to cry wolf! 1972	44	7
[Isle Royale, Geological Survey Professional Paper 754-A, 754-B, 754-C, National Park Service, N. King Huber] 1973	44	8
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[Peter A.] Jordan, moose autopsies 1964-1965	44	16
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James M. Dietz, lipid content in moose bone marrow 1969-1971	45	1
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[Rolf O.] Peterson and [Durward L.] Allen 1974, raw data, summaries, moose feet movements 1959-1972, undated	45	8
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[John A. Vucetich, examination of food habit study bias], 1st 20 scat sheets, 1st examination 1977, 1989-1990	48	3
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Den site attendance 1991	48	7
Wolf activity 1995 1971-1995	48	8
Wolf activity 1995, Cindys folder 1972-1995	48	9
Wolf handling 1996-1999, bulk 1998	48	10
[Radio-collared moose, visitor comments] 1999	49	1
[Other research notes] 1972-1994, undated	49	2
Data collected undated	49	3
Arthritis undated	49	4

Field notes**MTU-022.003.003 Field notes 1960-2009**

	Box	Folder
Philip C. Shelton Summer 1960	1	1
Philip C. Shelton Summer-Winter 1962	1	1
Philip C. Shelton Summer 1963	1	1
Unknown 1960-1961	2	3
Philip C. Shelton 1962-Winter 1963	1	2
Durward L. Allen 1962-Winter 1963	4	1
Peter A. Jordan 1963	2	1
Larry J. Roop Summer 1963	2	2
Erik Stauber Summer 1963	1	3
Peter A. Jordan 1964	2	6
Erik Stauber 1964	3	4
Durward L. Allen, Wind Cave National Park, National Bison Range August 1964	2	5

Field notes

William K. Seitz Summer 1964	3	2
William K. Seitz Summer 1965	3	2
Durward L. Allen Winter 1964	2	4
Durward L. Allen July 1964	2	4
Peter A. Jordan Winter 1964	3	1
Peter A. Jordan 1965	3	5
Erik Stauber Summer 1965	4	2
Durward L. Allen Winter 1965	3	3
Peter A. Jordan 1966	4	5
William W. Knauer II 1966	4	6
Durward L. Allen Summer 1966	4	3
John A. Coble Summer 1966	4	7
Durward L. Allen Winter 1966	4	4
John C. Keeler Summer 1967	5	2

Field notes

Durward L. Allen Winter 1967	5	1
Michael L. Wolfe, Jr. Winter 1967	5	3
Michael L. Wolfe, Jr. 1968	5	7
John C. Keeler Summer 1968	5	6
Durward L. Allen Winter 1968	5	4
Durward L. Allen 1968, 1970, 1972	5	5
Michael L. Wolfe, Jr. 1969	6	2
Durward L. Allen Winter 1969	6	1
Ronald L. Bell Summer 1970	6	3
Rolf O. Peterson Summer 1970	6	5
John D. Vanada Summer 1970	7	1
Durward L. Allen Winter 1970	5	8
John C. Keeler Winter 1970	6	4
James M. Dietz 1971	7	4

Field notes

Rolf O. Peterson 1971	6	6
Durward L. Allen Winter 1971	7	2
Durward L. Allen Winter 1971	7	3
Ronald Bell June 12 September 8, 1972	8	4
Durward L. Allen October 4-14, 1972	8	1
Rolf O. Peterson Summer 1972	8	5
Rolf O. Peterson Summer 1972	8	6
Rolf O. Peterson Winter 1972	9	1
Durward L. Allen Winter 1972	8	2
Durward L. Allen Winter 1972	8	3
Durward L. Allen May 1973	9	2
Durward L. Allen September-October 1973	9	3
Rolf O. Peterson Summer 1973	9	6
Rolf O. Peterson Summer 1973	10	1

Field notes

Rolf O. Peterson Winter 1973	10	2
Durward L. Allen Winter 1973	9	4
Durward L. Allen Winter 1973	9	5
Rolf O. Peterson January-March 1974	11	1
Rolf O. Peterson April-October 1974	10	5
Durward L. Allen Fall-Spring 1974	10	4
Joe M. Scheidler Summer 1974	11	2
James D. Woolington Summer 1974	11	3
Durward L. Allen Winter 1974	10	3
Durward L. Allen September 1975	11	5
Rolf O. Peterson Summer 1975	12	2
Joe M. Scheidler Summer 1975	12	3
Joe M. Scheidler Summer 1975	12	4
James D. Woolington Summer 1975	13	2

Field notes

Durward L. Allen Winter 1975	11	4
Rolf O. Peterson Winter 1975	12	1
Durward L. Allen May 1976	14	1
Unknown October 1976	14	2
Robert A. Irmiger Summer 1976	13	3
Joe M. Scheidler Summer 1976	13	4
Philip W. Stephens Summer 1976	14	8
Rolf O. Peterson Winter 1976	13	1
Robert A. Irmiger Summer 1977	14	3
Joseph M.Scheidler Summer 1977	14	5
Philip W. Stephens Summer 1977	15	4
Rolf O. Peterson Winter 1977	14	4
James D. Woolington Winter 1977	14	6
Unknown Fall 1978	15	1

Field notes

John W. Brooks Summer 1978	14	7
Philip W. Stephens Summer 1978	15	3
Rolf O. Peterson Winter 1978	15	5
John W. Brooks Summer 1979	15	2
D. Smith Summer 1979	16	1
Rolf O. Peterson Summer 1979	16	2
Mark S. Cramer Summer 1979	16	4
Philip W. Stephens Summer 1979	17	3
Susan M. Stephens Summer 1979	17	4
Rolf O. Peterson Winter 1979	16	3
Susan M. Stephens Summer 1980	20	1
Rolf O. Peterson Summer 1980	20	5
Douglas W. Smith Summer 1980	20	3
Douglas W. Smith Summer 1980	20	2

Field notes

Rolf O. Peterson Winter 1980	20	4
Douglas W. Smith Summer 1981	19	1
Phillips, Hanson, Page Summer 1981	19	2
Rolf O. Peterson Summer 1981	21	5
Rolf O. Peterson Winter 1981	21	4
Rolf O. Peterson Summer 1982	19	4
Rolf O. Peterson Winter 1982	19	3
Rolf O. Peterson Summer 1983	18	2
Rolf O. Peterson Winter 1983	18	1
Rolf O. Peterson Summer 1984	17	2
Mark S. Cramer Summer 1984	18	3
Timothy G. Laske Summer 1984	18	4
Rolf O. Peterson Winter 1984	17	1
Moose observations Summer 1985	22	2

Field notes

Rolf O. Peterson Summer 1985	22	3
Rolf O. Peterson Winter 1985	22	1
D.Smith & R.O.Peterson Summer 1986	22	4
Doug Smith Summer 1986	23	1
Rolf O. Peterson Winter 1986	22	5
Rolf O. Peterson Summer 1987	23	3
Rolf O. Peterson Winter 1987	23	2
Rolf O. Peterson Summer 1988	23	5
Wolves observations Summer 1988	23	6
Rolf O. Peterson Winter 1988	23	4
Capture forms (wolves/foxes) Fall 1989	23	7
Unknown Summer 1989	21	2
Moose observations Summer 1989	21	3
Moose observations Winter 1989	23	7

Field notes

Unknown Winter 1989	21	1
Rolf O. Peterson Summer 1990	24	1
Rolf O. Peterson Winter 1990	24	2
Rolf O. Peterson Summer 1991	24	3
Rolf O. Peterson Winter 1991	24	4
Rolf O. Peterson Summer 1992	24	5
Rolf O. Peterson Winter 1992	24	6
Rolf O. Peterson Summer 1993	24	7
Rolf O. Peterson Winter 1993	24	8
Rolf O. Peterson Summer 1994	25	1
Rolf O. Peterson Winter 1994	25	2
Rolf O. Peterson Summer 1995	25	3
Moose observations Summer 1995	25	5
Rolf O. Peterson Winter 1995	25	4

Field notes

Rolf O. Peterson Summer 1996	25	6
Moose observations Summer 1996	26	1
Rolf O. Peterson Summer 1996	26	2
Rolf O. Peterson, Ellesemere Island June-July 1996	49	5
Rolf O. Peterson Winter 1996	25	7
Rolf O. Peterson Winter 1996	26	3
Moose observations Summer 1997	26	4
Rolf O. Peterson Summer 1998	26	5
Moose observations Summer 1998	26	7
Rolf O. Peterson Winter 1998	26	6
Rolf O. Peterson Summer 1999	27	1
Moose observations Summer 1999	27	3
Rolf O. Peterson Winter 1999	27	2
Rolf O. Peterson Summer 2000	27	4

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Moose observations Summer 2000	27	6
Rolf O. Peterson Winter 2000	27	5
Rolf O. Peterson Summer 2001	27	7
Moose observations Summer 2001	28	1
Rolf O. Peterson Winter 2001	27	8
Rolf O. Peterson Summer 2002	28	2
Moose observations Summer 2002	28	4
Moose observations Summer 2002	28	5
Rolf O. Peterson Winter 2002	28	3
Rolf O. Peterson Summer 2003	28	8
Moose observations Summer 2003	28	6
Rolf O. Peterson Winter 2003	28	7
Rolf O. Peterson Winter 2004, Winter 2005	29	2
Moose observations Summer 2004	29	1

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Moose observations Summer 2005	29	3
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Rolf O. Peterson Summer 2005	29	4
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Rolf O. Peterson 2006	29	5
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Rolf O. Peterson 2007	30	1
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Rolf O. Peterson Summer 2008	30	2
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Rolf O. Peterson Winter 2008	30	3
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Rolf O. Peterson Winter 2009	30	4
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Summer data, lists, and notes 1972-1975	49	8
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Maps

[Notes], Isle Royale census, Peter A. Jordan, Pat Campbell, 1996 May-June, and 3-inch floppy disk [Fir preference plots, 1992 and Moose Aerial Count Data, 1979-1993] 1979-1996	50	1
5-inch floppy disk, Moose.ms and Food.tbl, J. Bada, Scripps Institution of Oceanography circa 1989	50	2
MTU-022.003.006 Maps 1957-1991		
Isle Royale maps circa 1958-1979	50	3
Isle Royale maps circa 1958-1979	50	4
Isle Royale maps circa 1958-1979	50	5
Isle Royale maps circa 1958-1979	50	6
Isle Royale maps circa 1958-1979	50	7
Isle Royale maps 1970-1975, undated	50	8
Krefting, Isle Royale vegetation map 1970	50	9
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Original maps, radio-collared moose 1984-1986, undated	50	11

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Original maps, radio-collared moose 1984-1986, undated	67	I
Isle Royale, Keweenaw County, Michigan Department of Conservation undated	67	I
Isle Royale, Keweenaw County, Michigan Department of Conservation June 1, 1961	67	I
Isle Royale National Park, National Park Service 1970	67	I
Isle Royale National Park, National Park Service 1974	67	I
Copper Country Vacationist League, Pleasure Map, Houghton, Ontonogan, Keweenaw, and Baraga Counties undated	67	I
Isle Royale National Park, General Soil Map 1990-1991	67	I
Vegetation Type Map of Isle Royale National Park 1964-1970	67	I
Index to topographic maps of Michigan, Geological Survey September 1973	67	J
Geologic Map of Isle Royale National Park, Keweenaw County, Michigan 1973	67	J
Topographic Map of Isle Royale National Park, U.S. Geological Survey 1957	67	J

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Wolf pack, slide 88-21 1972	51	1
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Rolf O. Peterson, wolf photos 1973, undated	51	3
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Wolf processing 1988	51	6
Photos April 1988	51	7
Radioed wolf and teeth, annual report 1989	51	8
[Dean Woodbeck, Michigan Tech Alumnus magazine] circa 1990-1997, undated	51	9
[Wolf autopsy] circa 1990-1997, undated	51	10
[Upper Peninsula Trappers Association, forest and fox photos] circa 1990-1997, undated	52	1

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[Ron Moen, moose 1990 and Earthwatch 1997 Team II] 1990, 1997	52	2
[People] circa 1953-1956, circa 1988-2005	52	3
[People] circa 1953-1956, circa 1988-2005	52	4
Penuke moose and osteoporosis 1990	52	5
Annual report photos 1990	52	6
Annual report photos and others 1991	52	7
Annual report photos and others 1991	52	8
For John and Leah, [images including moose, film crew, John and Leah Vucetich, Rolf and Candy Peterson, and others], CD-R, 1.34 MB, 21 jpeg images July 8, 2004	53	1
Isle Royal photo slideshow, DVD-R, 1.17 GB, approximately 19 minutes 2007	53	2
Photos undated	53	3
Photos undated	53	4
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Winter study, Rolf O. Petersons copy, 3M Scotch 120 VHS 1987	55	1
Raw tape, Isle Royale National Park Moose Footage, Rolf O. Peterson, approximately 26 minutes, 3M MBRA 50 Color Plus inch videocassette 1987-1988	55	2
Isle Royale National Park, Rolf O. Peterson, 26 minutes, Sony Betacam SP videocassette 1987-1988	55	3
Isle Royale, Beauty/Beast (Grizzly), Ellesmere wolves 12/88, Sony T120 VHS 1987-1988	55	4
Isle Royale with time code, No. 39-47, 3M Scotch Color Plus T60 videocassette May 1988	55	4
Suzuki Concert April 17, 1988 and Wolf management 1990, 3M Scotch T120 videocassette 1988-1990	55	5
Isle Royale, Buck L., Discovering, small mammal, 3M Scotch Color Plus T30 videocassette January 15, 1990	55	5

Video

The Wolves of Isle Royale, Rolf O. Peterson, 12 minutes 30 seconds, 3M Color Plus T30 videocassette 1990	55	6
The Wolves of Isle Royale, Rolf O. Peterson, 12 minutes 30 seconds, 3M Color Plus T30 videocassette 1990	55	6
The Wolves of Isle Royale, Ediths video, Rolf O. Peterson, 12 minutes 30 seconds, 3M Color Plus T30 videocassette 1990	55	7
Isle Royale Wolf-Moose videoclip, Rolf O. Peterson, 3M T30 videocassette circa 1990-1999	55	7
Wolves and Moose on Isle Royale, winter 1995-1996, master 5/96, Rolf O. Petersons slideshow, 3M T60 videocassette, 28 minutes 1995-1996	55	8
Isle Royale videotape [no video, just time stamps and notes for tapes 1, 2 and 3, winter study] 1997	55	9
Don Murray interview, gmdesort@hotmail.com [George Desort], 3 DVD- Rs 2006	55	10
Isle Royale summer tapes 1-21 and moose tumor, 0:00:00-6:34:00:00, 3M Scotch Color Plus T120 videocassette, SLP mode undated	55	11
Isle Royale winter stuff, 8:00:00:00-13:10:46:00, 3M Scotch Color Plus T120 videocassette undated	55	11

Research output

Wolves on lakes in Superior National Forest, copy, Dave Mech [L.
David Mech], U.S. Fish and Wildlife Service, Maxell 120 VHS, 5-10
minutes undated 55 12

Rolf O. Peterson, In Praise of Wolves, JVC T120 VHS undated 55 12

MTU-022.004 Research output 1906-2010**MTU-022.004.001 Theses, dissertations, and manuscripts 1961-2000**

Box	Folder
[Rolf O. Peterson, high school paper] undated 56	1
[L. David Mech, Ecology of the Timber Wolf in Isle Royale National Park, notes] undated 56	2
L. David Mech, Ecology of the Timber Wolf in Isle Royale National Park 1962 56	3
[Student papers] 1966-1970 56	4
Kenneth R. Dixon, Computer Simulation and Analysis of a Predator-Prey Interaction 1968 56	5
Ronald L. Bell, moose distribution and elevation 1969 56	6

Theses, dissertations, and manuscripts

John D. Vanada, Age Determination from Cementum Layers in Incisiform Teeth of Moose 1971	56	7
[Durward L. Allen manuscripts] 1961, 1971, undated	56	8
Rolf O. Peterson MSS [manuscripts] 1971	56	9
Rolf O. Peterson, Wolf Ecology and Prey Relationships on Isle Royale (Petersons copy) 1974	57	1
Rolf O. Peterson, Wolf Ecology and Prey Relationships on Isle Royale (Allens copy) 1974	57	2
Rolf O. Peterson, Wolf Ecology and Prey Relationships on Isle Royale 1974	58	1
[Rolf O. Peterson] Ph.D. thesis, rough notes, lists, compilations circa 1970-1974	58	2
[Rolf O. Peterson manuscripts] 1975-1987, undated	58	3
[Gordon C.] Haber thesis 1977	58	4
[Kristin Raisanen manuscripts] 1977, undated	58	5
[Rolf O. Peterson], Journal of Mammalogy, Social rejection following mating by a subordinate wolf 1977-1978	59	1

Theses, dissertations, and manuscripts

Joseph Scheidler, correspondence 1977, undated	59	2
Joseph Scheidler, [MS] thesis circa 1978	59	3
Joseph Scheidler, MS thesis 1979	59	4
Robert Janke 1979	59	5
Dale George Miquelle, MS thesis 1979	59	6
San Francisco paper, 1979, National Park Service Conference 1979-1980	59	7
Proceedings of the Conference on Scientific Research in the National Parks 1979-1981	59	8
[Rolf O. Peterson, Record-high wolf density on Isle Royale] 1980	59	9
[Peter A. Jordan and Michael L. Wolfe manuscripts] 1980, undated	59	10
Philip Stephens, Moose census, [Population trends of Isle Royale moose: 1970-1981] 1982	60	1
[Philip Stephens], Moose Est., JWM [Journal of Wildlife Management, Population trends of Isle Royale moose: 1970-1981] 1982-1983	60	2
Philip Stephens and Rolf O. Peterson, Wolf-avoidance strategies of moose 1982	60	3

Presentation materials

Philip Stephens MS, [Wolf-avoidance strategies of moose] 1981-1982	60	4
Douglas W. Smith, An Analysis of who leads for Isle Royale Wolves 1984	60	5
Kenneth Risenhoover 1983-1985	60	6
[Rolf O. Peterson and John A. Vucetich manuscript] circa 1990-1999	60	7
John A. Vucetich, summer 1995 May-October 1995	60	8
Eric Post [and Rolf Peterson] 1997-2000	60	9
Eric Post [and Rolf Peterson] 1997-2000	60	10
John A. Vucetich and Rolf Peterson] wilderness and wolf research, May 1999 conference 1998-1999	60	11
John A. Vucetich, ratio-dependency 1999	61	1
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Saskatchewan [notes and transparencies] April 1983	61	5
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George Wright Society, Tucson, notes for talk by Rolf Peterson and Bob Krumenaker] 1988	61	6
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[Durward L. Allen, Audubon Medal acceptance] 1990	61	7
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Special Reports: Isle Royale Wildlife Investigations, 1956-1957 by James E. Cole, Rocky Mountain National Park 1956-1958	62	1
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Isle Royale annual reports 1958-1960	62	2
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1st annual report, Isle Royale Wolf Project 1958-1959	62	4
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Annual report, wolf study, notes and drafts 1958-1959	62	5
2nd annual report, Isle Royale Wolf Project 1959-1960	62	6
3rd annual report 1960-1961	62	7
Annual reports, Philip C. Shelton 1960 thru 1962-1963	62	8
1st annual report, Ecology and coactions of the moose on Isle Royale, Peter A. Jordan 1963-1964	62	9
2nd annual report, Studies of the moose and wolves of Isle Royale, Peter A. Jordan 1964-1965	62	10
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Annual reports 2003-2004 thru 2009-2010	64	1
Station report [and summer field work report], Isle Royale wolf, L. David Mech 1960-1963	64	2
[Summer report], Mike Long, red squirrel 1962-1963	64	3
Summer project reports, [snowshoe hare/trapping methods and vertebrate populations], Larry J. Roop 1962-1963	64	4
Summer report, William K. Seitz, [timber wolf, beaver, muskrat] 1964-1965	64	5
Summer reports, John A. Coble, [wood mouse and pigeon hawks] 1966	64	6
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[Isle Royale pamphlet collection, moose] 1978, 1986	64	11
[Isle Royale pamphlet collection, wolves] 1972-1987	64	12
L. David Mech, A Study of beaver numbers in Isle Royale National Park during the summer of 1959 1959	64	13
[Stanley A. Cain, Memorandum on moose population of Isle Royale National Park and Observations on the vegetation of lakes and related habitats, Isle Royale] circa 1962	64	14
Isle Royale Visitor Study, The State of Michigan 1963	64	15
Erik Stauber, birds of prey on Isle Royale, wolves on Isle Royale 1963-1965	65	1
Gordon C. Haber, Observations of and pertaining to the Timber Wolf in Isle Royale National Park 1964-1965	65	2
[Richard L. Meier and Jane P. Doyle, University of Michigan, Simulation of the concept of community in ecological systems: the moose-beaver-wolf environment system of Isle Royale] March 1965	65	3
Thomas F. Ogle, The Moose of Isle Royale 1966	65	4
[Birds of Isle Royale in Lake Superior, U.S. Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Special scientific report, Wildlife No. 94] June 1966	65	5

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John Keeler, report on fox scats 1969	65	6
Steven W. Ruckel, winter moose distribution February 1970	65	7
F. Stormer, [moose] necropsy records 1972	65	8
Isle Royale visitor use 1973	65	9
Seasonal training, Isle Royale 1974, 1976	65	10
[The Ecology of the Isle Royale Moose, Technical bulletin 297, Forestry series 15, University of Minnesota, Laurits W. Krefting] 1974	65	11
[Final reports on National Park Service research contracts to the University of Minnesota] 1974-1982	65	12
Peter A. Jordan, moose immobilization 1976	65	13
Philip C. Shelton, beaver distribution, Isle Royale 1973, 1976	65	14
Philip W. Stephens, moose behavior report 1977	65	15
[Isle Royale statement for management] 1931, 1976-1978	65	16
Isle Royale Science Assessment, [bibliography and history of research] 1977, circa 1979	65	17

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Isle Royale management reports, [National Park Service, Investigators Annual Reports] 1958-1988	66	1
[Report to Secretary of the Interior James G. Watt, Special Task Force of the National Park System Advisory Board] October 7, 1981	66	2
[Rolf O. Peterson, Final Report, Wolf-Moose Monitoring Program] March 31, 1984	66	3
Wolf-moose interaction in Isle Royale National Park, draft final report May 1, 1984	66	4
[Isle Royale biosphere reserve, U.S. MAB Report No. 11, Vols. I and II] March 1985	66	5
[Wolf-moose interaction in Isle Royale National Park], National Park Service final report 12/1985 1984-1986	66	6
[Wolf-moose interaction in Isle Royale National Park], National Park Service final report 12/1985 1984-1986	66	7
[Proposal and annual reports, winter foraging of moose, Kenneth L. Risenhoover] 1983-1986	66	8
Wolf decline report, original 1990	66	9
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[Woodland Caribou Restoration at Isle Royale National Park, technical report by Jean Fitts Cochrane] 1992, 1996		67	3
Michigan wolf recovery plan 1996-1998		67	4
[Survey of the gray wolf population in Michigan's Upper Peninsula, Dean E. Beyer, Jr., Brian J. Roell, and Donald H. Lonsway] 2003		67	5
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L. David Mech, The Wolves of Isle Royale 1966		68	1
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MTU-022.004.004.002 Brochures 1959-1998			
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MTU-022.004.004.006 Multimedia 1987-2006, undated		
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NOVA, Will the World Starve?, PBS, Rolf Peterson, BIO, Scotch T120 videocassette March 25, 1987		72
Wolf Special, BBC television, produced by Mike Salisbury, 50 minutes, vhs copy, 3M T60 videocassette 1997		72

Publications

Wolves on the Wildside, WDIV Detroit broadcast, T60 videocassette, 58:26 April 17, 1998

72

WNMU-TV Presents Michigan's Gray Wolf: Ghost of the Big Timber, 42 minutes DVD plus special features, A Dwight Brady/Nick VanCourt Production in association with Northern Michigan University Public Television 2004

72

Daily Planet, episode 60, [John Vucetich interview on wolf packs fighting over prey (27:00-32:00)], approximately 1 hour total, DVD-R March 28, 2006

72

Wolves & Moose of Isle Royale, a compelling slideshow presentation by Dr. John Vucetich showcasing the longest predator-prey study in the world, DVD, 95 minutes 2006

72

Wolves and the Wolfmen, 52 minutes 30 seconds, DVD, transferred from VHS undated

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Wolves and the Wolfmen, 52 minutes 30 seconds, DVD, transferred from VHS undated

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Death of a Legend, a National Film Board of Canada Release, VHS, 49 minutes 30 seconds undated

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Newspaper articles 2004-2008	74	5
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Newspaper articles undated	74	6
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MTU-022.004.004.009 Press releases 1959-1996	Box	Folder
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Press releases 1959-1996	74	7
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MTU-022.004.004.010 Short stories 1962, undated	Box	Folder
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Short stories [Charlie and Angelique Mott] 1962, undated	74	8
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MTU-022.004.004.011 Visual materials undated	Box	Folder
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Publications

[Posters, drawings, and stationary] undated

74

9