

AS
36
P7X
SI

507.73
P4 P6842

SMITHSONIAN
ISSN 0097-4463
NOV 14 1986

LIBRARIES

ANNALS of CARNEGIE MUSEUM

CARNEGIE MUSEUM OF NATURAL HISTORY

4400 FORBES AVENUE • PITTSBURGH, PENNSYLVANIA 15213

VOLUME 55

7 November 1986

ARTICLE 11

CATALOG OF THE RECENT MARINE MAMMALS IN THE CARNEGIE MUSEUM OF NATURAL HISTORY

SUZANNE B. McLAREN

Collection Manager, Section of Mammals

DUANE A. SCHLITTER

Curator, Section of Mammals

HUGH H. GENOWAYS

Research Associate, Section of Mammals

ABSTRACT

The Section of Mammals, Carnegie Museum of Museum of Natural History, houses 612 specimens of Recent marine mammals, including 34 cetaceans, 44 polar bears, six sea otters, 499 pinnipeds, and 29 manatees. Families represented in the Order Cetacea include Platanistidae, Physeteridae, Monodontidae, Delphinidae, Phocaenidae, and Balaenopteridae. Families represented in the Order Pinnipedia include Otariidae, Odobenidae, and Phocidae. The single family Trichechidae represents the Order Sirenia in the collection. For each specimen the following data are recorded: date collected, catalog number, sex, age or condylobasal length, nature of specimen, condition of specimen, and comments. The latter category gives information on the condition of the skin and skeletal material, and also explains the availability of the specimen.

INTRODUCTION

The Section of Mammals, Carnegie Museum of Natural History, currently holds 612 specimens of Recent marine mammals, including 34 cetaceans, 44 polar bears, six sea otters, 499 pinnipeds, and 29 manatees. The majority of the collection of marine mammals consists of specimens preserved as skulls or disarticulated skeletons. However,

Submitted 9 June 1986.

the collection also contains 151 skins and five fluid-preserved specimens as well as body mounts and articulated skeletons. The specimens are housed primarily in the fur vault and large osteological storage area of the Section of Mammals, but all mounted material is on display at this time in the public galleries of the Museum.

The primary purpose of this catalog is to make the availability of this material known to the scientific community. It is extremely difficult to obtain new specimens of any marine mammal because most species are considered to be threatened with extinction (Berger et al., 1979). All species are placed in at least Appendix II (Threatened) under the Convention on International Trade in Endangered Species and are protected under the various Marine Mammal Acts beginning as early as 1967. Therefore, it is necessary for researchers to make maximum use of the materials already stored in museum collections. Because specimens stored in this collection are essentially irreplaceable, none is available for study on loan. However, all qualified researchers are welcome to study any of the specimens at the collection facilities of the Section of Mammals.

All collection data files of the Section of Mammals have been computerized. This catalog presents selected data categories of which some are available on the computer file, but others have been specifically generated for this publication. Other categories of data are also available upon request in printout or machine-readable form. The format of this catalog is patterned after Napier's (1976, 1981, 1985) Catalogue of the Primates in the British Museum (Natural History) and the McLaren et al. (1984) Catalog of the Recent Scandentia and Primates in the Carnegie Museum of Natural History.

CLASSIFICATION

The collection of the Section of Mammals and this catalog follow G. G. Simpson's (1945) classification in the Principles of Classification and the Classification of Mammals through the level of subfamily. Below subfamily, specimens are arranged alphabetically by genus. Specimens stored in the osteological collection and the fur vault are then arranged numerically within the genus. This catalog is arranged alphabetically by genus, species, and in a few cases subspecies, so that researchers may easily see what is available for each taxon. Beyond this taxonomic arrangement all specimens are presented in numerical order. It is hoped that by arranging the catalog in this way that work by researchers in the collection will be facilitated.

Cetaceans in the collection have been examined and identified by C. W. Potter and G. S. Morgan. The *Odobenus* have been identified, and sexed in some cases, by Francis Fay. Hall (1980) has been used for

identification of the Pinnipedia, but scientific names follow Honacki et al. (1982) except in the case of *Physeter catodon* (Schewill, 1986).

EXPLANATION OF HEADINGS

Locality.—Collection localities appear as listed on the original skin and skull tags. Latitude and longitude were added to numerous localities as listed in the most recent edition of the Standard Names Gazetteer for localities outside of Canada (printed by the United States Board of Geographic Names). Gazetteer of Canada (printed by the Canadian Permanent Committee on Geographical Names) was used for referencing Canadian localities.

Of the 612 marine mammals, 31 were zoo specimens. In many cases, original localities are not known for these animals. To facilitate recognition of locality information pertaining to captive specimens, these data are followed by an asterisk.

Date of collection.—For wild taken specimens, this date refers to the day on which the animal was obtained. In nearly all cases for zoo specimens, the only date which is available is the day on which the animal died in captivity. In rare cases when more information is known about a particular captive specimen, those data will be shown under the "Comments" category.

Sex.—Three symbols are used for denoting sex: F, M, ? (undetermined by original collector). Where not denoted on the original tag, sex has sometimes been inferred based on the examination of adult skulls. This practice has not been used for the preparation of the current catalog, but in instances where such conclusions have been drawn previously, the appropriate symbol will be enclosed in brackets.

Age or condylobasal length.—During the preparation of this catalog, we were advised by R. L. Brownell to replace age with condylobasal length. Whenever possible this measurement was taken. If minor damage made precise measurement impossible, a rough measurement is shown in brackets. If skull damage was too severe to make this practical, or when only skins were available, a judgement based on tooth eruption, fusion of sutures, or pelage was sometimes possible. Additionally, original collectors' notes on specimen tags were sometimes utilized in an effort to provide potential researchers with an idea of whether a specimen was immature [Imm] or adult [Ad]. Immature specimens were recognized with most certainty. When satisfactory judgement was not possible, a question mark (?) appears in this category. In one series of *Phoca hispida hispida* specimens, collector J. K. Doutt noted age approximations (in years) as told to him by local Inuit hunters. These estimates have been included in brackets under this category, if measurements cannot be taken. When condylobasal length can be measured, these estimates appear in brackets under the "Comments" category.

Nature of specimen.—This category describes the type of preservation used for each specimen and corresponds to the two letter abbreviation system used on our computer file. The following list describes each type of preservation used in the marine mammal collection: SK = skull only; SO = skin only; SS = skin and skull; SB = skin, skull, and body skeleton; SN = complete skeleton; CO = cranium only; AL = alcoholic (preserved in 70% ethyl alcohol); BM = body mount; PS = partial skeleton. If peculiarities exist regarding availability of a specimen these are noted by an asterisk following the two letter code. There are two types of specimens that carry the asterisk: 1) specimens for which some of the parts are missing; 2) specimens on exhibit. These latter specimens are available for examination but work must be planned with the understanding that the specimens are in exhibit areas and are not housed with the remainder of the collection. For further explanations regarding the availability status of a specimen refer to the "Comments" category.

Condition of specimen and comments.—This category is designed to inform the reader of the usefulness of a specimen for systematics research. The term "Good" is used for

all specimens and specimen parts, which are in useable condition for study. Damage to the skull is described so that measurability can be evaluated. All skins are either tanned or body mounts with the exception of a few newborn polar bears which have been prepared as conventional study skins. Captives are noted; missing parts and exhibit specimens are noted. Inuit age estimates of *Phoca hispida hispida* specimens are included here.

TAXONOMIC LIST

Cetacea	Odobenidae
Platanistidae	<i>Odobenus rosmarus divergens</i>
Iniinae	<i>Odobenus rosmarus rosmarus</i>
<i>Inia geoffrensis</i>	
Physeteridae	Phocidae
Physeterinae	Phocinae
<i>Physeter catodon</i>	<i>Erignathus barbatus</i>
Monodontidae	<i>Halichoerus grypus</i>
<i>Delphinapterus leucas</i>	<i>Phoca fasciata</i>
<i>Monodon monoceros</i>	<i>Phoca groenlandica groenlandica</i>
Delphinidae	<i>Phoca hispida hispida</i>
<i>Delphinus delphis</i>	<i>Phoca sibirica</i>
<i>Sotalia fluviatilis</i>	<i>Phoca vitulina concolor</i>
<i>Tursiops truncatus</i>	<i>Phoca vitulina mellonae</i>
Phocaenidae	<i>Phoca vitulina richardii</i>
<i>Phocaena phocaena</i>	<i>Phoca vitulina vitulina</i>
Balaenopteridae	<i>Phoca vitulina</i>
<i>Balaenoptera musculus</i>	<i>Phoca species</i>
Carnivora	Cystophorinae
Ursidae	<i>Cystophora cristata</i>
<i>Ursus maritimus</i>	
Mustelidae	Sirenia
Lutrinae	Trichechidae
<i>Enhydra lutris lutris</i>	<i>Trichechus inunguis</i>
Pinnipedia	<i>Trichechus manatus latirostris</i>
Otariidae	<i>Trichechus senegalensis</i>
<i>Callorhinus ursinus</i>	
<i>Eumetopias jubatus</i>	
<i>Otaria byronia</i>	
<i>Zalophus californicus</i>	

ACKNOWLEDGMENTS

During the curation of the marine mammal collections and the subsequent updating of the computer file, the position held by Suzanne McLaren was supported by National Science Foundation Grant BSR-8111553. We would like to express our thanks to Dr. Darryl Domning, Dr. Francis Fay, Gary S. Morgan, and Charles W. Potter for their assistance in identification of portions of the marine mammal collection. We also ap-

preciate the assistance of Joseph Bissonnette in helping to pinpoint original collecting localities for several zoo specimens.

LITERATURE CITED

- BERGER, T. J., A. M. NEUNER, AND S. R. EDWARDS. 1979. Directory of federally controlled species. Assoc. Syst. Collections, Lawrence, Kansas, iii + 1–6 + MA 1–MA 115.
- DOUTT, J. K. 1942. A review of the genus *Phoca*. Ann. Carnegie Mus., 29:61–125.
- HALL, E. R. 1980. The mammals of North America. John Wiley and Sons, New York, 2nd ed., 2:601–1181.
- HONACKI, J. H., K. E. KINMAN, AND J. W. KOEPLI (EDS.). 1982. Mammal species of the world. Allen Press, Inc., and Assoc. Syst. Collections, Lawrence, Kansas, ix + 694 pp.
- MCLAREN, S. B., D. A. SCHLITTER, AND H. H. GENOWAYS. 1984. Catalog of the Recent Scandentia and Primates in the Carnegie Museum of Natural History. Ann. Carnegie Mus., 53:463–525.
- NAPIER, P. H. 1976. Catalogue of Primates in the British Museum (Natural History). Part I: Families Callitrichidae and Cebidae. British Museum (Natural History), London, x + 121 pp.
- . 1981. Catalogue of Primates in the British Museum (Natural History) and elsewhere in the British Isles. Part II: Family Cercopithecidae, Subfamily Cerco-pithecinae. British Museum (Natural History), London, vii + 203 pp.
- . 1985. Catalogue of Primates in the British Museum (Natural History) and elsewhere in the British Isles. Part III: Family Cercopithecidae, Subfamily Colobinae. British Museum (Natural History), London, x + 111 pp.
- SCHEVILL, W. E. 1986. The International Code of Zoological Nomenclature and a paradigm: The name *Physeter catodon* Linnaeus 1785. Marine Mammal Science, 2: 153–157.
- SIMPSON, G. G. 1945. The principles of classification and a classification of mammals. Bull. American Mus. Nat. Hist., 85:i + 1–350.
- WILLIAMS, S. H. 1928. A river dolphin from Kartabo, Bartica District, British Guiana. Zoologica, 7(4):105–128.

CATALOG OF MARINE MAMMALS

	Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
CETACEA							
PLANTANISTIDAE							
INHIINAE							
<i>Inia geoffrensis</i>							
Brazil: Amazonas; on Rio Yavari, near Benjamin Constant* 04°23'S; 69°59'W	6 Jun 1967	CM 60934	F	479.6	SB	Skull autopsied; skin tanned; zoo specimen	
Brazil: Amazonas; on Rio Yavari, near Benjamin Constant* 04°23'S; 69°59'W	6 Jun 1967	CM 60935	?	[Imm]	SS	Skull fragmentary; skin tanned; zoo specimen	
Brazil: Amazonas; on Rio Yavari, near Benjamin Constant* 04°23'S; 69°59'W	6 Jun 1967	CM 60936	F	468.3	SB	Skull autopsied; skin tanned; zoo specimen	
Locality unknown*	6 Jan 1972	CM 60937	M	387.0	SN	Good, several loose teeth; zoo specimen, believed to have been collected with three previous specimens	
PHYSETERIDAE							
PHYSETERINAE							
<i>Physeter catodon</i>							
Locality unknown	1894	CM 21052	?	[Ad]	OT*	Lower jaw only, on exhibit	
MONODONTIDAE							
<i>Delphinapterus leucas</i>							
Canada: Quebec; mouth of Great Whale River	14 Aug 1935	CM 11274	?	?	SK	Skull fragmentary	
Canada: Northwest Territories; South Belcher Islands	15 Jun 1938	CM 15511	M	?	SK	Skull fragmentary	
Canada: Quebec; mouth of Nastapoka River 59°40'N; 76°45'W	31 Jul 1945	CM 23777	M	489.5	SK	Portions of skull wired together, most teeth loose or missing	
Canada: Quebec; mouth of	31 Jul 1945	CM 23778	F	[Imm]	SK	Skull fragmentary	

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
<i>Nastapoka River 59°40'N; 76°45'W</i>						
Canada: Quebec; Great Whale River 55°15'N; 76°45'W	1 Aug 1945	CM 23779	F	?	SS	Skull fragmentary; tanned skin
Canada: Quebec; Great Whale River 55°15'N; 76°45'W	14 Aug 1945	CM 23780	?	?	SK	Skull fragmentary
Canada: Quebec; Great Whale River 55°15'N; 76°45'W	14 Aug 1945	CM 23781	?	485.9	SK	Good condition
Canada: Quebec; Hudson Bay	1945	CM 23785	?	?	SK	Skull fragmentary
<i>Monodon monoceros</i>						
Locality unknown		CM 20964	M	?	OT	Tusk only
Locality unknown		CM 20965	M	?	OT	Tusk only
Locality unknown		CM 20966	M	?	OT	Tusk only
Locality unknown		CM 20967	M	?	OT	Tusk only
Locality unknown		CM 20968	M	?	OT	Tusk only
Locality unknown		CM 20969	M	?	OT	Tusk only
Locality unknown		CM 20970	M	?	OT	Tusk only
DELPHINIDAE						
<i>Species undetermined</i>						
Locality unknown	unknown	CM 153	?	?	SK*	Dissected, on exhibit
United States: Florida; Palm Beach Co., Palm Beach	unknown	CM 1903	?	[160]	SK	Probably fetus
<i>Delphinus delphis</i>						
Locality unknown*	unknown	CM 1790	?	?	SN*	Good; mounted, on exhibit
<i>Sotalia fluviatilis</i>						
Locality unknown*	6 Jan 1972	CM 60938	F	[287]	SN	Rostrum damaged, old injury, CBL incomplete for normal animal; zoo specimen
Locality unknown*	Jul 1968	CM 60939	F	[331]	SB	Rostrum damaged, brittle; tanned skin; zoo specimen

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Locality unknown*	Jul 1968	CM 60940	F	[340]	SB	Skull autopsied; rostrum damaged; tanned skin; zoo specimen
Guyana: Bartica Dist.; in Cuyuni River, near Kartabo	11 Aug 1925	CM 60941	M	[Ad]	AL	Good; Williams, 1928
Guyana: Bartica Dist.; in Cuyuni River, near Kartabo	1967	CM 60942	?	[302]	SS	Skull brittle; rostrum damaged; tanned skin; zoo specimen
<i>Tursiops truncatus</i>						
United States: Florida; Dade Co., Miami Beach	Mar 1940	CM 19412	?	490	SK	Good; but pick-up with no teeth
PHOCAENIDAE						
Species undetermined						
Locality unknown		unknown	CM 1209	?	Fetus	AL
<i>Phocaena phocaena</i>			CM 1709	?	?	SN*
Baltic Sea coast		unknown	CM 63097	?	307	SN
Locality unknown*		unknown				
BALAENOPTERIDAE						
Species undetermined						
Locality unknown		unknown	CM 20971	?	?	OT
<i>Balaenoptera musculus</i>			CM 20972	?	?	OT
Locality unknown		unknown				
CARNIVORA						
URSIDAE						
<i>Ursus maritimus</i>						
Greenland: specific locality unknown		unknown	CM 1759	?	[Ad]	SK*
USSR: Siberia; Wrangel Island		unknown	CM 2221	F	344.8	PS
Locality unknown*	22 Nov 1915	CM 3222	M	[Imm]	SS	Canines damaged; incisors, premolars missing
Canada: Quebec, Great Whale River	Aug 1915	CM 3393	?	280.7	SK	Zoo specimen; newborn Several teeth broken or missing; left zygomatic arch broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Great Whale River	Aug 1915	CM 3394	?	378.6	SK	Several teeth broken
Canada: Quebec; Great Whale River	Aug 1915	CM 3395	?	365.9	SK	Several teeth broken
Canada: Quebec; Great Whale River	Aug 1915	CM 3397	?	382.1	SK	Several teeth missing or broken
Canada: Quebec; Great Whale River	Aug 1915	CM 3398	?	312.4	SK	Good
Canada: Quebec; Great Whale River	Aug 1915	CM 3399	?	355.0	SK	Several teeth missing or broken
Locality unknown*	22 Nov 1916 7 Dec 1935	CM 3934 CM 10466	?	[Imm] [Imm]	SO SS	Skin stuffed; zoo specimen Skull fragmentary; skin stuffed; zoo specimen
Locality unknown*	7 Dec 1935	CM 10467	M	[Imm]	SS	Skull fragmentary; skin stuffed; zoo specimen
Locality unknown*	31 Jul 1935	CM 10787	?	331.6	SK	Good
Canada: Northwest Territories; James Bay, South Twin Island	31 Jul 1935	CM 10788	?	368.0	OT	Skull and humerus; weathered
Canada: Northwest Territories; James Bay, South Twin Island	31 Jul 1935	CM 10789	?	307.1	OT	Skull and humerus; badly weathered
Canada: Northwest Territories; James Bay, South Twin Island	21 Jul 1935	CM 11285	F	316.7	SS	Good, but teeth have been lacquered; tanned skin
Canada: Northwest Territories; James Bay, South Twin Island	21 Jul 1935	CM 11286	M	205.1	SS*	Good; skin on exhibit

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; James Bay, South Twin Island	23 Jul 1935	CM 11287	M	356.2	SS	Braincase damaged; tanned skin
Canada: Northwest Territories; James Bay, North Twin Island	29 Jul 1935	CM 11288	M	372.0	SS	Good; tanned skin
Canada: Northwest Territories; James Bay, North Twin Island	30 Jul 1935	CM 11289	M	398.2	SS	Good; tanned skin
Canada: Northwest Territories; James Bay, Gray Goose Island	18 Aug 1935	CM 11290	M	390.0	SS	Good; tanned skin
Canada: Northwest Territories; James Bay, North Twin Island	29 Aug 1935	CM 11291	M	366.0	SS	Good; tanned skin
Locality unknown*	17 Sep 1936	CM 11413	F	290.2	SS	Good; tanned skin; zoo specimen
Canada: Northwest Territories; James Bay, Gray Goose Island	12 Aug 1936	CM 12042	M	338.6	SK	Good
Canada: Northwest Territories; James Bay, Bare Island	13 Aug 1936	CM 12044	M	[Imm]	SK	Braincase damaged
Canada: Northwest Territories; James Bay, Bare Island	13 Aug 1936	CM 12045	F	331.0	SS*	Good; skin on exhibit
Canada: Northwest Territories; James Bay, Bare Island	13 Aug 1936	CM 12046	M	357.8	SN	Good
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	Nov 1937	CM 15161	M	367.0	SK	Incisors damaged or missing; left bulla damaged
Canada: Northwest Territories; Walter Island	8 Sep 1938	CM 15162	F	325.4	SB	Good; tanned skin

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Walter Island	8 Sep 1938	CM 15163	F	291.2	SS	Rostrum damaged; tanned skin
Locality unknown*	16 Jun 1940	CM 18743	M	344.9	SK	Several loose teeth; zoo specimen
Locality unknown*	17 May 1943	CM 21492	?	305.6	SK	Several loose teeth; zoo specimen
Canada: Quebec; Nastopoka Sound 56°45'N; 76°50'W	31 Jul 1945	CM 22925	?	317.3	CO	Pick-up, all teeth missing
Locality unknown*	19 Jan 1946	CM 30434	F	295.6	SK	Good; zoo specimen
Locality unknown*	12 Oct 1946	CM 30435	M	354.5	SK	Good; zoo specimen
Locality unknown*	13 Oct 1946	CM 30436	F	295.5	SS	Good; tanned skin; zoo specimen
Canada: Quebec; Great Whale River	9 Aug 1953	CM 39885	F	320.5	SS	Good; tanned skin
Canada: Quebec; Great Whale River	9 Aug 1953	CM 39886	?	203.8	SS	Good; tanned skin
Norway*	23 Mar 1967	CM 61407	M	389.1	SB	Good, but teeth missing and decayed; tanned skin; zoo specimen
Canada: Northwest Territories; Baffin Island, Eglinton Fjord 78°40'N; 69°50'W	24 Apr 1972	CM 61436	M	341.2	SK	Good
Canada: Northwest Territories; Baffin Island, Eglinton Fjord 78°40'N; 69°50'W	Nov 1971	CM 61437	?	378.0	SK	Zygomatic arches damaged
Canada: Northwest Territories; Baffin Island, near Clyde River	unknown	CM 61438	?	362.5	SK	Canines damaged
Canada: Northwest Territories; Baffin Island, near Ayr Lake 70°30'N; 69°30'W	13 Jan 1972	CM 61440	F	313.4	SK	Several teeth missing
Canada: Northwest Territories; Baffin Island, Home Bay 69°05'N; 67°W	13 Apr 1972	CM 61441	?	292.2	SK	Good

CATALOG OF MARINE MAMMALS—Continued.

MUSTELIDAE	Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
LUTRINAE							
<i>Enhydra lutris lutris</i>							
United States: Alaska; Hin- chinbrook Island	30 Jan 1965	CM 40574	M	126.8	SN	Good	
United States: Alaska; Hin- chinbrook Island	Spring 1965	CM 40575	M	133.7	SB	Good; tanned skin	
United States: Alaska; Simeon- of Island	21 Jul 1965	CM 40619	M	138.5	OT	Skull and baculum; good, molars very worn	
United States: Alaska; specific locality unknown	1965	CM 61402	F	125.9	SB	Good; tanned skin	
United States: Alaska; specific locality unknown	1965	CM 61403	F	98.1	SB	Basisphenoid broken; tanned skin	
United States: Alaska; Aleu- tian Islands; Amchitka Is- land	Feb-Mar 1952	CM 94703	? [Ad]	SO	Tanned skin; permanent loan from USNM		
PINNIPEDIA							
OTARIIDAE							
<i>Callorhinus ursinus</i>							
United States: Alaska; Pribilof Islands	unknown	CM 135	?	[Imm]	SS	Skull fragmentary; tanned skin	
United States: Alaska; Pribilof Islands	unknown	CM 136	?	[Imm]	SS	Skull fragmentary; tanned skin	
Locality unknown	15 Oct 1900	CM 961	M	248.2	SN	Braincase damaged, teeth loose	
Locality unknown	unknown	CM 963	?	[Imm]	SK	Skull fragmentary	
United States: Alaska; Pribilof Islands, Polovina Rockery, St. Paul Island	8 Jul 1969	CM 59586	M	242.5	SS	Nasals damaged; tanned skin	
<i>Eumetopias jubatus</i>							
Locality unknown	15 Oct 1900	CM 958	M	388.9/	SB*	Skin on exhibit; skeleton with skull	

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Locality unknown	15 Oct 1900	CM 959	F	309.0	SN	in good condition—thought to be correct match; second skull with same number, braincase shot-damaged
Locality unknown	15 Oct 1900	CM 960	M	391.1	SK	Many loose teeth
United States: California; San Mateo Co., Ano Nuevo Island	6 Jul 1906	CM 1484	M	?	PS*	Good Postcranial skeleton in good condition; skull missing
United States: California; San Mateo Co., Ano Nuevo Island	7 Jul 1906	CM 1485	F	?	PS*	Postcranial skeleton in good condition; skull missing
Locality unknown	15 Oct 1900	CM 21004	F	327.9	SK	Good
United States: Alaska; Aleutian Islands, Bogoslof Island	26 Jun 1913	CM 21005	F	315.5	SK	Good
<i>Otaria byronia</i>						
Chile: Tierra del Fuego; Mariñelio Glacier, Ainsworth Harbor 54°S; 70°W	4 Mar 1939	CM 18094	?	229.1	SS	Skull has been lacquered; palatal region damaged; tanned skin
Chile: vicinity of Tropic of Capricorn, between Tocopilla and Antofagasta, Constitucion Bay	28 Mar 1939	CM 18095	?	296.3	CO	Pick-up, numerous missing teeth
<i>Zalophus californicus</i> *						
Locality unknown*	unknown	CM 1444	M	207.1	SK	Skull very fragile, most teeth loose; zoo specimen
Locality unknown*	unknown	CM 1478	F	204.8	SN	Good; zoo specimen
Locality unknown*	Dec 1907	CM 1562	F	218.0	SB*	Most teeth loose; zoo specimen; skin missing

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
United States: California; Monterey Co., Pacific Grove, Mussel Point	4 Dec 1933	CM 8495	M	?	SO	Tanned skin
Locality unknown*	10 Jun 1941	CM 19535	F	204.9	SB	Good; zoo specimen
Locality unknown*	unknown	CM 21003	?	218.6	SK	Good, but most teeth loose; probably zoo specimen
Locality unknown*	26 Oct 1946	CM 30443	F	186.4	SS	Good; tanned skin; zoo specimen
Locality unknown*	unknown	CM 57378	F	231.1	SN	Good; zoo specimen
Locality unknown*	Oct 1970	CM 59580	F	215.8	SB	Good; tanned skin; zoo specimen
Locality unknown*	6 Jan 1972	CM 59640	F	180.8	SN	Good; zoo specimen
<i>Odobenidae</i>						
<i>Odobenus rosmarus divergens</i>	unknown	CM 20945	F	[Ad]	SK*	Skull with carved tusks, on exhibit
North Pacific: specific locality	unknown	CM 20946	F	?	OT	Tusks only
North Pacific: specific locality	unknown	CM 20947	M	?	OT	Tusks only
North Pacific: specific locality	unknown	CM 20948	M	?	OT	Tusks only
North Pacific: specific locality	unknown	CM 20949	M	?	OT	2 right tusks
<i>Odobenus rosmarus rosmarus</i>	unknown	CM 91	[F]	330	SK	Several loose teeth; limb bones present
North Atlantic: specific locality	unknown	CM 92	[M]	[Ad]	SK	Skull fragmentary; limb bones present
North Atlantic: specific locality	unknown	CM 93	?	[Imm]	SK	Skull fragmentary; limb bones present; calf or full term fetus
Canada: Quebec; Great Whale River	Aug 1915	CM 3400	[M]	334	SK	Braincase broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Southampton Island, Prairie Point Floe	15 Apr 1930	CM 6668	F	149	SK	Good
Canada: Northwest Territories; Southampton Island, Bear Island Floe	15 Apr 1930	CM 6669	F	307	SK	Left zygomatic arch and palate damaged
Canada: Northwest Territories; Southampton Island, Walrus Island	22 Jul 1930	CM 6692	M	[Ad]	SK	Braincase damaged
Canada: Northwest Territories; Southampton Island, Bear Island	27 Jul 1930	CM 6696	F	[Ad]	SS	Braincase damaged; tanned skin
Canada: Ontario; Hannah Bay, Gull Point 51°28'N; 79°34'W	21 Sep 1935	CM 10823	M	[Ad]	CO	Pick-up, tusks removed
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	1 May 1938	CM 15317	F	301	SK	Old injury to left side of mandible
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	1 May 1938	CM 15318	M	[Imm]	SS	Skull fragmentary; tanned skin
Canada: Northwest Territories; Belcher Islands, Johnson Island 56°43'N; 79°32'W	May 1938	CM 15319	?	200	SK	Good; calf, about 6 months old
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	2 Jul 1938	CM 15320	M	[Ad]	SK	Braincase damaged
Canada: Northwest Territories; Belcher Islands, northwest of Kugong Island 56°18'N; 79°50'W	9 Jul 1938	CM 15321	M	324	SK	Left zygomatic and right bullar regions damaged

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	16 Jul 1938	CM 15322	M	332	SK	Right side of cranium damaged; left zygomatic arch broken; baculum saved
Canada: Northwest Territories; Belcher Islands, La Duke Island 56°06'N; 78°58'W	5 Aug 1938	CM 15323	M	318	SK	Good
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	18 Aug 1938	CM 15324	F	281	SS*	Good; skin mounted, on exhibit
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	18 Aug 1938	CM 15325	F	[Ad]	SS*	Skull fragmentary; skin mounted, on exhibit
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15326	M	353	SS*	Good; skin mounted, on exhibit; baculum saved
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15327	M	349	SK	Good
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15328	F	312	SK	Occipital region damaged
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15329	?	[Imm]	AL	Good
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15331	?	[Imm]	AL	Good
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15332	?	[Imm]	AL	Good

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15333	M	[Imm]	SS	Skull fragmentary; skin mounted; uncataloged adult female mixed with this specimen and 15334
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15334	M	[Imm]	SB	Good; skin mounted; uncataloged adult female skeleton mixed with this skeleton and 15333
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15335	[F]	[Ad]	SK	Braincase damaged
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15336	[F]	294	SK	Good
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	19 Aug 1938	CM 15337	M	349	SK	Good
Canada: Northwest Territories; north end South Sleeper Islands 57°30'N; 79°45'W	unknown	CM 15338	M	?	OT	Several bacula, nothing else
Canada: Belcher Islands 56°15'N; 79°15'W						
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23309	M	291	SK	Right zygomatic arch damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	1945	CM 23310	[F]	293	SK	Interorbital region damaged
PHOCIDAE						
PHOCINAE						
<i>Erignathus barbatus</i>						
Canada: Ontario; Hannah Bay, Charlton Island 52°N; 79°30'W	17 Aug 1912	CM 2578	M	?	SK	Skull fragmentary; some limb bones present
Canada: Ontario; Hannah Bay, Charlton Island 52°N; 79°30'W	1 Sep 1912	CM 2584	M	[Ad]	SK	Nasals missing, both zygomatic arches and braincase damaged

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Southampton Island, Native Point 63°44'N; 82°31'W	2 Feb 1930	CM 6545	M	122.2	SK	Good
Canada: Northwest Territories; Southampton Island, Native Point 63°44'N; 82°31'W	27 Mar 1930	CM 6636	?	[Imm]	SO	Tanned skin
Canada: Northwest Territories; Southampton Island, Walrus Island	22 Jul 1930	CM 6693	M	?	SK	Skull fragmentary
Canada: Northwest Territories; Southampton Island, Walrus Island	22 Jul 1930	CM 6694	F	?	SK	Skull fragmentary
Canada: Northwest Territories; Belcher Islands, Freshwater Lake	Mar 1936	CM 13160	?	[Imm]	SO	Tanned skin
Canada: Quebec; near mouth of Great Whale River	8 Jan 1938	CM 15307	M	[Imm]	SO	Tanned skin from trapper
Canada: Quebec; 5 mi below mouth of Great Whale River	28 Feb 1938	CM 15308	?	[Imm]	SO	Tanned skin from trapper
Canada: Northwest Territories; North Belcher Islands 56°50'N; 79°45'W	Mar 1938	CM 15309	?	[Imm]	SO	Skull fragmentary; tanned skin from trapper
Canada: Northwest Territories; near North Belcher Islands 56°50'N; 79°45'W	9 Jul 1938	CM 15310	M	190.7	SS	Left zygomatic arch damaged; tanned skin
Canada: Northwest Territories; Belcher Islands, SE side Tukkarak Island 56°16'N; 78°45'W	12 Jul 1938	CM 15311	F	223.0	SK	Both zygomatic arches damaged, most teeth gone
Canada: Northwest Territories; Belcher Islands, east side	Jul 1938	CM 15312	M	222.7	SK	Both zygomatic arches damaged, most teeth loose

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Tukarak Island 56°16'N; 78°45'W	16 Jul 1938	CM 15313	M	221.3	SS	Good; tanned skin
Canada: Northwest Territories; Belcher Islands, northwest Kugong Island 56°18'N; 79°50'W	3 Aug 1938	CM 15314	?	210.2	PS	Pick-up; cranium and some skeletal parts
Canada: Northwest Territories; Belcher Islands, Tukarak Is- land 56°16'N; 78°45'W	4 May 1938	CM 15315	F	[Ad]	SK	Braincase broken
Canada: Northwest Territories; Belcher Islands, Camsell Is- land 56°02'N; 78°41'W	4 May 1938	CM 15316	M	216.3	SK	Good
Canada: Northwest Territories; Belcher Islands, Camsell Is- land 56°02'N; 78°41'W	Feb 1939	CM 17745	?	145.9	SS	Braincase damaged; tanned skin
Canada: Northwest Territories; near Cape Jones, Long Is- land Sound 54°46'N; 79°15'W	3 Jun 1945	CM 23304	M	211.5	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23305	M	224.9	SK	Good
Canada: Quebec; vicinity of Cape Gertrude 59°25'N; 77°55'W	27 Jun 1945	CM 23306	?	212.2	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23307	?	194.8	SK	Left side of rostrum broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	6 Jul 1945	CM 23308	?	230.4	SK	Good, but all teeth gone

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Ontario; Albany Post of Hudson Bay Company	Sep 1945	CM 30445	?	?	SO	Tanned skin
Canada: Ontario; Albany Post of Hudson Bay Company	Oct 1945	CM 30446	?	[Imm]	SS	Braincase damaged; tanned skin
Canada: Ontario; Albany Post of Hudson Bay Company	Nov 1945	CM 30447	F	198.4	SS	Good; tanned skin
<i>Halichoerus grypus</i>						
North Atlantic: North Sea	unknown	CM 1773	?	[Ad]	SN*	Mounted, on exhibit
United States: Alaska; near Kotzebue 66°51'N; 162°40'W	Winter 1954-55	CM 39893	M	183.0	SS	Left zygomatic arch broken, several loose teeth; tanned skin
United States: Alaska; St. Lawrence Island, Gambell	10 Jun 1960	CM 40361	M	181.7	SS	Good; tanned skin
<i>Phoca fasciata</i>						
Canada: Quebec; La Tabatiere 50°50'N; 58°57'W	1938	CM 17680	?	209	CO	Zygomatic arches broken, several teeth missing
Canada: Quebec; La Tabatiere 50°50'N; 58°57'W	1938	CM 17681	?	192.2	CO	Good
Canada: Newfoundland; Labrador, Hamilton Inlet, Mud Lake 54°18'N; 57°42'W	12 Jul 1938	CM 17853	?	193.1	SK	Left bullar region damaged, numerous loose teeth; right upper tooth row shows old injury
Canada: Newfoundland; Labrador, Hamilton Inlet, Mud Lake 54°18'N; 57°42'W	12 Jul 1938	CM 17854	?	193.2	SK	Left zygomatic arch damaged, numerous loose teeth
Canada: Newfoundland; Labrador, Hamilton Inlet, Mud Lake 54°18'N; 57°42'W	12 Jul 1938	CM 17855	?	192.5	SK	Both zygomatic arches damaged, numerous loose teeth
Canada: Newfoundland; Labrador, Hamilton Inlet, Mud Lake 54°18'N; 57°42'W	29 Aug 1939	CM 17856	?	178.9	SK	Right zygomatic arch damaged

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Northwest River, 54°18'N; 57°42'W						
Canada: Newfoundland; Labrador, Hamilton Inlet, Northwest River, 54°18'N; 57°42'W	29 Aug 1939	CM 17857	?	184.7	SK	Zygomatic arches broken; numerous loose teeth
Canada: Quebec; La Tabatiere 50°50'N; 58°57'W	7 Jan 1940	CM 18696	M	?	SO	Tanned skin
Canada: Quebec; La Tabatiere 50°50'N; 58°57'W	27 Dec 1939	CM 18697	M	?	SO	Tanned skin
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18700	?	183.2	SK	Left side of cranium damaged, most teeth loose
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18701	?	[Ad]	SK	Skull fragmentary
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18702	?	186.8	SK	Left side of mandible damaged
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18703	?	209.0	SK	Zygomatic arches broken; evidence of gum disease
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18704	?	187.5	SK	Right side of cranium damaged, left side of mandible broken
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18705	?	189.8	SK	Left side of cranium damaged, most teeth loose
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18706	?	[Imm]	SK	Rostrum broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18707	F	190.5	SK	Left side of cranium and mandible damaged
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18708	F	183.5	SK	Left side of mandible broken
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18709	F	193.2	SK	Many loose teeth
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18710	F	[Imm]	SK	Skull fragmentary
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18711	F	195.0	SK	Many loose teeth
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18712	F	181.0	SK	Zygomatic arches broken; many loose teeth
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18713	F	180.7	SK	Good
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18714	F	[Ad]	SK	Braincase broken
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18715	F	176.0	SK	Numerous teeth missing or broken
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18717	M	194.9	SK	Right zygomatic arch broken
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18718	M	[185]	SK	Parietal region broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Lawrence, La Tabatiere 50°50'N; 58°57'W Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W Canada: Quebec; Gulf of St.	1939-40	CM 18719	M	188.6	SK	Zygomatic arches broken; mandible broken
	1939-40	CM 18720	M	198.2	SK	Numerous loose teeth
	1939-40	CM 18721	M	190.7	SK	Numerous loose teeth
	1939-40	CM 18722	M	191.0	SK	Numerous loose teeth
	1939-40	CM 18723	?	102.1	SK	Left bulla damaged; teeth not yet erupted
	1939-40	CM 18724	?	103.1	SK	Left zygomatic arch broken; teeth not erupted
	1939-40	CM 18725	?	106.8	SK	Basisphenoid gone; teeth not yet erupted
	1939-40	CM 18726	?	[Imm]	SK	Skull fragmentary
	1939-40	CM 18727	?	[Imm]	SK	Skull fragmentary
	1939-40	CM 18728	?	[Imm]	SK	Skull fragmentary

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Lawrence, La Tabatiere 50°50'N; 58°57'W	Dec 1944	CM 23302	?	?	SO	Tanned skin
Canada: Northwest Territories; Smith Island, Cape Smith 60°40'N; 78°30'W						
<i>Phoca hispida hispida</i>						
Canada: Quebec; Cape Jones 54°36'N; 79°47'W	30 Jul 1914	CM 3071	F	[131]	SK	Cranium damaged
Canada: Quebec; Great Whale River	25 Mar 1915	CM 3342	F	[106]	SK	Cranium damaged
Canada: Quebec; Great Whale River	5 Apr 1915	CM 3344	F	104.8	CO	Good
Canada: Quebec; Nastapoka River	14 Jun 1915	CM 3368	F	[Imm]	SK	Skull fragmentary
Canada: Quebec; Richmond Gulf 56°15'N; 76°20'W	10 Jul 1915	CM 3371	F	[Imm]	SK	Skull fragmentary
Canada: Quebec; south of Lit- tle Whale River	13 Jul 1915	CM 3372	F	144.6	SK	Cranium damaged
Canada: Northwest Territories; Southampton Island, Native Point 63°44'N; 82°31'W	2 Feb 1930	CM 6544	F	86.9	SS	Right zygomatic arch broken; stuffed skin
Canada: Northwest Territories; Southampton Island, Cape Kendall 63°36'N; 87°12'W	8 May 1930	CM 6676	F	158.8	SK	Good
Canada: Northwest Territories; Southampton Island, Cape Kendall 63°36'N; 87°12'W	12 May 1930	CM 6677	M	170.0	SK	Good
Canada: Quebec; Great Whale River	20 Jan 1936	CM 10727	?	[Imm]	SO	Stuffed skin
Canada: Quebec; Great Whale River	20 Jan 1936	CM 10728	?	[Imm]	SO	Stuffed skin

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; South Twin Island 53°07'N; 79°52'W	31 Jul 1935	CM 10819	?	?	SK	Skull fragmentary; pick-up
Canada: Northwest Territories; South Twin Island 53°07'N; 79°52'W	2 Aug 1935	CM 10820	?	?	SK	Skull fragmentary; pick-up
Canada: Quebec; Great Whale River	23 Aug 1935	CM 10821	?	?	SO	Trapper's tanned skin
Canada: Northwest Territories; Belcher Islands, Gateway to West from Eskimo Harbor 56°36'N; 79°12'W	24 Aug 1936	CM 12048	F	[Imm]	SS	Skull fragmentary; tanned skin
Canada: Northwest Territories; between Baker's Dozen and Belcher Islands	28 Aug 1936	CM 12049	?	?	SS	Skull fragmentary; tanned skin
Canada: Northwest Territories; between Baker's Dozen and Belcher Islands	28 Aug 1936	CM 12050	?	?	SS	Skull fragmentary; tanned skin
Canada: Quebec; Great Whale River	1936	CM 13157	M	133.0	SK	Good
Canada: Quebec; Great Whale River	1936	CM 13158	M	164.6	SK	Right bulla damaged
Canada: Quebec; Great Whale River	1936	CM 13159	M	167.2	SK	Left zygomatic arch damaged
Canada: Quebec; near mouth of Great Whale River	Jan 1938	CM 15222	F	[Imm]	SS	Skull fragmentary; tanned skin
Canada: Quebec; 5 mi below mouth of Great Whale River	Mar 1938	CM 15223	?	[Imm]	SO	Tanned skin
Canada: Quebec; 5 mi south of Great Whale River	28 Feb 1938	CM 15224	?	108.7	SS	Good; tanned skin

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; 5 mi below mouth of Great Whale River	28 Feb 1938	CM 15225	?	[Imm]	SO	Tanned skin
Canada: Quebec; 5 mi below mouth of Great Whale River	Mar 1938	CM 15226	?	[Imm]	SO	Tanned skin
Canada: Quebec; 5 mi below mouth of Great Whale River	Mar 1938	CM 15227	?	[Imm]	SO	Tanned skin
Canada: Northwest Territories; North Belcher Islands 56°50'N; 79°45'W	Mar 1938	CM 15228	?	[Imm]	SO	Trapper's tanned skin
Canada: Northwest Territories; North Belcher Islands 56°50'N; 79°45'W	Mar 1938	CM 15229	?	[Imm]	SO	Trapper's tanned skin
Canada: Northwest Territories; North Belcher Islands 56°50'N; 79°45'W	Mar 1938	CM 15230	?	[Imm]	SO	Trapper's tanned skin
Canada: Northwest Territories; North Belcher Islands 56°50'N; 79°45'W	Mar 1938	CM 15231	?	[Imm]	SO	Trapper's tanned skin
Canada: Northwest Territories; North Belcher Islands 56°50'N; 79°45'W	Mar 1938	CM 15232	?	[Imm]	SO	Trapper's tanned skin
Canada: Northwest Territories; North Belcher Islands 56°50'N; 79°45'W	16 Apr 1938	CM 15233	M	168.6	SK	Cross-section of canine saved; right zygomatic arch broken; [7 yrs old]
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Eskimo Harbor 56°36'N; 79°12'W	23 Apr 1938	CM 15234	?	[Imm]	SO	Tanned skin; [1 yr old]
Canada: Northwest Territories; Belcher Islands, southern	20 Apr 1938	CM 15235	?	141.4	SS	Good; tanned skin; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
End Flaherty Island 56°14'N; 79°17'W						
Canada: Northwest Territories; Belcher Islands, Wetallitok Bay 56°16'N; 78°45'W	25 Apr 1938	CM 15236	F	167.3	SK	Good; cross-section of canine saved; [7 yrs old]
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	25 Apr 1938	CM 15237	F	155.8	SS	Good; tanned skin; [2 yrs old]
Canada: Northwest Territories; Belcher Islands, Flaherty Island 56°36'N; 79°12'W	26 Apr 1938	CM 15238	F	[4 yrs]	SS	Skull fragmentary; tanned skin
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	27 Apr 1938	CM 15239	M	159.4	SK	Good; cross-section of canine saved; [5 yrs old]
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	Mar-Apr 1938	CM 15240	?	[Imm]	SO	Tanned skin
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	29 Apr 1938	CM 15241	M	[Ad]	SS*	Cranium damaged; baculum saved; skin mounted, on exhibit
Canada: Northwest Territories; Belcher Islands, mouth of Wetallitok Bay 56°02'N; 79°14'W	30 Apr 1938	CM 15242	M	147.7	SS	Cross-section of canine saved; left bulla damaged; [2 yrs old]; tanned skin
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	4 May 1938	CM 15243	F	[Ad]	SS	Cross-section of canine saved; skull broken in two parts; tanned skin
Canada: Northwest Territories; Belcher Islands, Snape Island 55°45'N; 79°18'W	4 May 1938	CM 15244	F	157.5	SK	Good

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBI or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gibson Peninsula 56°0'2"N; 78°10'0"W	24 Apr 1938	CM 15245	M	171.4	SS	Good; cross-section of canine saved; tanned skin
Canada: Northwest Territories; Belcher Islands 56°15'N; 79°15'W	May 1938	CM 15246	?	175.5	SK	Cross-section of canine saved; bullae gone
Canada: Northwest Territories; Belcher Islands, Kipalu Inlet 56°0'5"N; 79°0'6"W	6 May 1938	CM 15247	?	175.7	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	7 May 1938	CM 15248	M	166.1	SK	Good; cross-section of canine saved; [7 yrs old]
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°0'2"N; 78°41'W	6 May 1938	CM 15249	M	158.9	SB	Good; tanned skin; [4-5 yrs old]
Canada: Northwest Territories; Belcher Islands, near Wiegand Island 56°0'2'N; 79°14'W	7 May 1938	CM 15250	M	166.0	SS	Cross-section of canine saved; parietal region damaged; tanned skin
Canada: Northwest Territories; Belcher Islands, near Wiegand Island 56°0'2'N; 79°14'W	7 May 1938	CM 15251	M	156.1	SS*	Cross-section of canine saved; left side of skull damaged; skin used in exhibit
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	10 May 1938	CM 15252	M	[Imm]	SS	Cross-section of canine saved; cranium damaged; tanned skin; [1 yr old]
Canada: Northwest Territories; Belcher Islands, Kugong Island 56°18'N; 79°50'W	10 May 1938	CM 15253	F	167.1	SS	Cross-section of canine saved; good; tanned skin; [2 yrs old]

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	14 May 1938	CM 15254	F	166.3	SK	Cross-section of canine saved; good
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	16 May 1938	CM 15255	F	131.5	SK	Cross-section of canine saved; good
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	16 May 1938	CM 15256	M	167.0	SK	Cross-section of canine saved; good; [7 yrs old]
Canada: Northwest Territories; Belcher Islands, Johnson Island, 56°43'N; 79°32'W	17 May 1938	CM 15257	M	156.1	SK	Cross-section of canine saved; good; [3 yrs old]
Canada: Northwest Territories; Belcher Islands, Johnson Island, 56°43'N; 79°32'W	24 May 1938	CM 15258	F	[150]	SK	Skull broken and glued; [4 yrs old]
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	25 May 1938	CM 15259	?	152.5	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	May 1938	CM 15260	F	152.7	SK	Right zygomatic arch broken; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, east side of Tukarok Island 56°16'N; 78°45'W	May 1938	CM 15261	M	172.4	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Belcher Islands, east side of Tukarak Island 56°16'N; 78°45'W	May 1938	CM 15262	F	178.4	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	4 Jun 1938	CM 15263	F	138.9	SS	Cross-section of canine saved; cranium damaged; tanned skin; [1 yr old]
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	4 Jun 1938	CM 15264	M	150.5	SK	Good; [2 yrs old]
Canada: Northwest Territories; Belcher Islands, Wetalltok Bay 56°02'N; 79°14'W	26 May 1938	CM 15265	F	163.7	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Wetalltok Bay 56°02'N; 79°14'W	26 May 1938	CM 15266	F	166.2	SK	Good; cross-section of canine saved; [4 yrs old]
Canada: Northwest Territories; Belcher Islands, east side of Tukarak Island 56°02'N; 79°14'W	May 1938	CM 15267	M	178.7	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, east side of Tukarak Island 56°02'N; 79°14'W	May 1938	CM 15268	F	172.6	SK	Cross-section of canine saved; left zygomatic arch broken
Canada: Northwest Territories; Belcher Islands, east side of Tukarak Island 56°02'N; 79°14'W	May 1938	CM 15269	F	163.6	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Belcher Islands, east side of Tukarak Island 56°02'N; 79°14'W	May 1938	CM 15270	F	169.3	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, east side of Tukarak Island 56°02'N; 79°14'W	May 1938	CM 15271	F	159.2	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, west side of Tukarak Island 56°16'N; 78°45'W	10 Jun 1938	CM 15272	M	?	SS	Skull fragmentary; baculum saved; tanned skin
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15273	M	163.1	SK	Good; cross-section of canine and baculum saved
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15274	M	156.3	SK	Good; cross-section of canine and baculum saved
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15275	M	163.4	SK	Good; cross-section of canine and baculum saved
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15276	F	175.0	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15277	F	160.4	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15278	F	160.8	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15279	F	165.8	SK	Good; cross-section of canine saved; teeth all sheared off near gum line
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15280	F	169.5	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15281	F	174.9	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	May 1938	CM 15282	F	154.2	SK	Cross-section of canine saved; right zygomatic arch broken, skull glued in several places
Canada: Northwest Territories; Belcher Islands, Camsell Island 56°02'N; 78°41'W	Jun 1938	CM 15283	?	167.6	SK	Good
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	Jun 1938	CM 15284	M	154.7	SK	Good; cross-section of canine saved; [4 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15285	F	168.8	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15286	F	178.1	SK	Good; cross-section of canine saved; [4 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15287	F	138.6	SK	Cross-section of canine saved; left side of skull damaged; [2 yrs old]

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Eskimo Harbor 56°36'N; 79°12'W						
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15288	F	167.0	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15289	M	177.0	SK	Good; cross-section of canine and baculum saved
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15290	F	165.4	SK	Good; cross-section of canine saved; [6 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15291	M	[155]	SK	Cross-section of canine and baculum saved; basioccipital region broken; [4 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15292	M	145.1	SK	Good; cross-section of canine and baculum saved; [2 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15293	M	157.7	SK	Good; baculum saved; [10 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15294	F	167.5	SK	Cross-section of canines saved; right zygomatic arch broken; [11 yrs old]

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15295	M	154.6	SK	Good; cross-section of canine and baculum saved; [7 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15296	F	171.3	SK	Good; cross-section of canine saved; [22 yrs old]
Canada: Northwest Territories; Belcher Islands, vicinity of Eskimo Harbor 56°36'N; 79°12'W	Jun 1938	CM 15297	F	156.0	SK	Cross-section of canine saved; brain-case cracked; [7 yrs old]
Canada: Northwest Territories; Belcher Islands, Flaherty Island 56°14'N; 79°17'W	unknown	CM 15298	?	?	SK	Skull fragmentary
Canada: Northwest Territories; Belcher Islands, Flaherty Island 56°14'N; 79°17'W	unknown	CM 15299	?	?	SK	Skull fragmentary; pick-up
Canada: Northwest Territories; Belcher Islands, Tukarak Island 56°16'N; 78°45'W	6 Jul 1938	CM 15300	M	?	SB*	Skeleton missing; tanned skin
Canada: Northwest Territories; Belcher Islands, Gilmour Peninsula 56°18'N; 78°55'W	6 Jul 1938	CM 15301	F	?	SS	Skull fragmentary; tanned skin
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Gushie Point 56°26'N; 78°56'W	12 Jul 1938	CM 15302	F	?	SO	Tanned skin
Canada: Northwest Territories; Belcher Islands, Omarolluk	22 Jul 1938	CM 15303	M	139.0	SS	Zygomatic arches broken; left side of braincase damaged; left bulla sepa-

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Sound 56°03'N; 79°02'W						rate; cross-section of canine saved; tanned skin
Canada: Northwest Territories; Belcher Islands, Omarolluk Sound 56°03'N; 79°02'W	8 Aug 1938	CM 15304	M	?	SS	Skull missing; baculum saved; tanned skin
Canada: Northwest Territories; Belcher Islands, Kipalu Inlet 56°05'N; 79°06'W	9 May 1938	CM 15305	F	162.4	SK	Left bulla broken; cross-section of canine saved
Canada: Newfoundland; Labrador, Northwest River, 25 mi SW Traverspine	27 Aug 1939	CM 17850	?	144.2	SK	Skull brittle; zygomatic arches broken
Canada: Newfoundland; Labrador, Northwest River, Hamilton Inlet 25 mi SW Traverspine	27 Aug 1939	CM 17851	?	[Imm]	SK	Skull fragmentary
Canada: Newfoundland; Labrador, Northwest River, Hamilton Inlet	29 Aug 1939	CM 17852	?	180.4	CO	Zygomatic arches broken
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	29 Dec 1939	CM 18699	F	?	SO	Tanned skin
Canada: Quebec; within 125 mi Povungnituk Post 59°40'N; 77°30'W	6 Apr 1945	CM 23079	M	164.1	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; about 50 mi above mouth of Povungnituk River 60°15'N; 76°W	7 May 1945	CM 23080	?	160.3	SK	Good; cross-section of canine saved
Canada: Quebec; near mouth of Povungnituk River 60°N; 77°15'W	7 May 1945	CM 23081	?	[Imm]	SK	Skull fragmentary

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; near mouth of Povungnituk River 60°N; 77°15'W	7 May 1945	CM 23082	?	149.4	SK	Good; cross-section of canine saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	April 1945	CM 23083	?	155.1	SK	Good
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	17 May 1945	CM 23084	M	154.7	SK	Good; cross-section of canine saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	17 May 1945	CM 23085	M	162.2	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	17 May 1945	CM 23086	M	157.9	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	17 May 1945	CM 23087	M	158.1	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	17 May 1945	CM 23088	M	151.4	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	17 May 1945	CM 23089	F	133.3	SK	Good
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	21 May 1945	CM 23090	M	171.5	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Cape Gertrude 59°25'N; 77°55'W	22 May 1945	CM 23091	M	162.9	SS	Right zygomatic arch broken; cross-section of canine and baculum saved; tanned skin

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23092	M	172.3	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23093	M	176.7	SK	Good; cross-section of canine saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23094	M	164.8	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Mistake Bay 59°10'N; 78°15'W	22 May 1945	CM 23095	F	136.3	SS	Braincase damaged; cross-section of canine saved; tanned skin
Canada: Quebec; Cape Gertrude 59°25'N; 77°55'W	22 May 1945	CM 23096	M	165.8	SK	Good; cross-section of canine saved
Canada: Northwest Territories; Mistake Bay 59°10'N; 78°15'W	22 May 1945	CM 23097	F	[145]	SK	Braincase damaged
Canada: Northwest Territories; Mistake Bay 59°10'N; 78°15'W	22 May 1945	CM 23098	F	[150]	SK	Braincase damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23099	M	152.6	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23100	M	149.7	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23101	F	156.0	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23102	M	158.0	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23103	F	153.2	SK	Most teeth loose; rostrum damaged

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23104	M	161.6	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	22 May 1945	CM 23105	?	170.6	SK	Cross-section of canine saved; both zygomatic arches damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23106	F	154.6	SK	Good; cross-section of canine saved; [3 yrs old]
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23107	F	161.4	SK	Good; cross-section of canine saved; [4 yrs old]
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23108	F	157.0	SK	Left zygomatic arch damaged; [4 yrs old]
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23109	F	162.9	SK	Good; cross-section of canine saved; [3 yrs old]
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23110	F	139.3	SK	Good; cross-section of canine saved; [2 yrs old]
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23111	M	164.0	SK	Good; cross-section of canine and baculum saved; [4 yrs old]
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23112	F	156.7	SS	Good; cross-section of canine and baculum saved; [3 yrs old]
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23113	F	157.6	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 May 1945	CM 23114	F	159.9	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	30 May 1945	CM 23115	M	145.2	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	3 Jun 1945	CM 23116	M	[140]	SK	Braincase damaged; baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	3 Jun 1945	CM 23117	F	151.3	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	3 Jun 1945	CM 23118	F	161.5	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23119	M	141.4	SS	Braincase cracked; cross-section of canine and baculum saved
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23120	F	?	SO	Tanned skin
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23121	M	167.0	SS	Good; cross-section of canine and baculum saved; tanned skin
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23122	?	159.1	SK	Skull brittle; cross-section of canine saved
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23123	?	154.2	SK	Left side of skull damaged; cross-sec- tion of canine saved
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23124	F	138.7	SS	Zygomatic arches damaged; cross- section of canine saved; tanned skin
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23125	M	166.2	SS	Left zygomatic arch and rostrum damaged; cross-section of canine and baculum saved; tanned skin
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23126	F	164.6	SS	Good; baculum saved; tanned skin
Canada: Quebec; Smith Island, Cape Smith 60°40'N; 78°30'W	12 Jun 1945	CM 23127	F	?	SO	Tanned skin
Canada: Quebec; near mouth of Kogaluk River 59°40'N; 77°25'W	14 Jun 1945	CM 23128	M	154.8	SK	Good; cross-section of canine and baculum saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; near mouth of Povungnituk River, Cape Anderson 60°0'N; 77°35'W	12 Jun 1945	CM 23129	F	?	SO	Tanned skin
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	5 Jun 1945	CM 23130	F	160.7	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	5 Jun 1945	CM 23131	M	165.1	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	5 Jun 1945	CM 23132	M	164.7	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; south of Kogaluk River 59°40'N; 77°25'W	5 Jun 1945	CM 23133	M	161.0	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; south of Kogaluk River 59°40'N; 77°25'W	5 Jun 1945	CM 23134	F	133.2	SK	Cross-section of canine saved; brain-case cracked but measurable
Canada: Quebec; south of Kogaluk River 59°40'N; 77°25'W	5 Jun 1945	CM 23135	F	160.3	SK	Good; cross-section of canine saved
Canada: Quebec; south of Kogaluk River 59°40'N; 77°25'W	5 Jun 1945	CM 23136	M	172.1	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	5 Jun 1945	CM 23137	M	168.8	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	5 Jun 1945	CM 23138	M	161.6	SK	Cross-section of canine and baculum saved; braincase cracked
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	5 Jun 1945	CM 23139	M	154.0	CO	Left zygomatic arch damaged
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23140	?	136.6	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23141	?	161.7	SK	Good
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23142	?	156.3	SK	Cross-section of canine saved; palate damaged
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23143	?	146.8	SK	Good; cross-section of canine saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23144	?	156.9	SK	Good; cross-section of canine saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23145	?	155.1	SK	Good; cross-section of canine saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23146	?	172.2	SK	Good
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23147	M	157.7	SK	Cross-section of canine and baculum saved; left zygomatic arch broken
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23148	?	160.4	SK	Cross-section of canine saved; brain-case cracked
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23149	M	163.6	SK	Good; numerous loose teeth
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23150	?	144.2	SK	Cross-section of canine saved; left side of skull damaged
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23151	?	154.1	SK	Cross-section of canine saved; left zygomatic arch damaged; right side of rostrum broken
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23152	?	170.4	SK	Good; cross-section of canine saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23153	M	173.4	SK	Cross-section of canine and baculum saved; basioccipital damaged
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23154	?	159.0	SK	Good; cross-section of canine saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23155	?	[Imm]	CO	Skull fragmentary

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23156	?	156.0	SK	Good; cross-section of canine saved
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	13 Jun 1945	CM 23157	?	153.7	SK	Cross-section of canine saved; right zygomatic arch broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23158	M	173.6	SS	Good; cross-section of canine and baculum saved; tanned skin
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23159	M	156.7	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23160	M	166.2	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23161	M	167.8	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23162	M	169.5	SK	Good; cross-section of canine and baculum saved; right bullar region damaged, several loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23163	M	172.3	SK	Good; baculum saved; teeth all broken off
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23164	M	160.3	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23165	M	167.7	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23166	F	166.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23167	F	143.4	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23168	M	164.5	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23169	F	[160]	SK	Rostrum broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	16 Jun 1945	CM 23170	M	163.6	SK	Good; baculum saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	18 Jun 1945	CM 23171	M	176.6	SK	Cross-section of canine and baculum saved; basioccipital region broken
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	18 Jun 1945	CM 23172	F	157.3	SK	Cross-section of canine saved; left zygomatic arch broken
Canada: Quebec; near Magnet Point 60°25'N; 77°45'W	18 Jun 1945	CM 23173	F	157.1	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk Bay 59°40'N; 77°25'W	23 Jun 1945	CM 23174	F	?	SO	Tanned skin
Canada: Quebec; mouth of Kogaluk Bay 59°40'N; 77°25'W	23 Jun 1945	CM 23175	F	168.3	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40'N; 77°10'W	Jun 1945	CM 23176	M	172.0	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40'N; 77°10'W	Jun 1945	CM 23177	M	156.0	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40'N; 77°10'W	Jun 1945	CM 23178	M	152.9	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40'N; 77°10'W	Jun 1945	CM 23179	M	[Imm]	SK	Rostrum fragmentary; baculum saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40'N; 77°10'W	Jun 1945	CM 23180	F	156.0	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40'N; 77°10'W	Jun 1945	CM 23181	F	159.3	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23182	F	152.0	SK	Good
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23183	F	153.3	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23184	F	147.6	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23185	F	158.3	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23186	F	143.7	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23187	F	144.9	SK	Good; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23188	F	161.8	SK	Good
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23189	F	152.0	SK	Right zygomatic arch broken; cross-section of canine saved
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23190	F	[Imm]	SK	Skull fragmentary
Canada: Quebec; mouth of Kogaluk River, near Kogaluk Bay 59°40' N; 77°10' W	Jun 1945	CM 23191	F	156.6	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; near mouth of Kogaluk River 59°40'N; 77°25'W	Jun 1945	CM 23192	F	164.3	SS	Good; tanned skin
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23194	?	165.2	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23195	?	159.8	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23196	?	134.8	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23197	?	167.0	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23198	M	158.4	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23199	?	162.6	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23200	?	160.1	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23201	?	149.8	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23202	F	152.1	SK	Cross-section of canine saved; left side of skull damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23203	M	170.6	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23204	M	154.3	SK	Cross-section of canine and baculum saved; braincase cracked; basisphenoid broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23205	M	[170]	SK	Skull fragmentary
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23206	?	[Imm]	SK	Skull fragmentary

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23207	M	161.3	SK	Rostrum damaged; numerous teeth missing; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	18 Jun 1945	CM 23208	M	168.8	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23209	F	170.7	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23210	M	161.7	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23211	M	168.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23212	M	159.1	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23213	F	148.9	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23214	F	177.8	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23215	F	152.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23216	F	170.3	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23217	?	164.7	SK	Good; cross-section of canine saved; numerous loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23218	?	[170]	SK	Skull broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23219	M	160.1	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23220	M	153.7	SK	Cross-section of canine saved; brain-case broken but measurable
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23221	?	154.2	SK	Cross-section of canine saved; right zygomatic arch broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23222	?	169.8	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23223	M	159.1	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23224	?	166.5	SK	Good; cross-section of canine saved; numerous loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23225	?	165.5	SK	Good; cross-section of canine saved; numerous loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23226	M	166.4	SK	Cross-section of canine and baculum saved; zygomatic arches broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23227	?	150.6	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23228	?	161.7	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23229	?	161.0	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23230	?	160.6	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23231	M	166.4	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23232	M	173.6	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23233	?	149.2	SK	Cross-section of canine saved; brain-case damaged; numerous loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23234	?	160.4	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23235	?	[Imm]	SK	Skull fragmentary
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23236	?	150.4	SK	Good; cross-section of canine saved; numerous loose teeth

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23237	?	160.4	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23238	?	153.9	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23239	?	157.7	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23240	?	164.8	SK	Good; cross-section of canine saved; parts of skull have been glued
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23241	?	165.1	SK	Good; cross-section of canine saved; numerous loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	27 Jun 1945	CM 23242	?	162.9	SK	Good; cross-section of canine saved; numerous loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23243	?	165.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23244	?	159.9	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23245	?	171.1	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23246	?	155.0	SK	Cross-section of canine saved; right zygomatic arch broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23247	?	166.5	SK	Cross-section of canine saved; rostrum damaged; nasals loose
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23248	?	157.1	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23249	?	154.5	SK	Cross-section of canine saved; right zygomatic arch broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23250	?	174.4	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23251	?	162.5	SK	Cross-section of canine saved; zygomatic arches broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23252	?	156.3	SK	Cross-section of canine saved; right side of skull damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23253	?	166.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23254	?	154.8	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23255	?	[155]	SK	Rostrum broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23256	?	161.7	SK	Cross-section of canine saved; brain-case damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23257	M	163.6	SK	Cross-section of canine and baculum saved; left bulla damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23258	?	150.3	SK	Cross-section of canine saved; zygomatic arches damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23259	?	180.7	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23260	?	157.3	SK	Cross-section of canine saved; brain-case cracked
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23261	M	143.7	SK	Cross-section of canine and baculum saved; left zygomatic arch and right side of rostrum damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23262	?	168.0	SK	Rostrum damaged; question whether both rami belong to this specimen
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23263	?	163.6	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23264	?	143.8	SK	Cross-section of canine saved; zygomatic arches broken; left bullar region damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23265	?	153.4	SK	Cross-section of canine saved; left zygomatic arch broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23266	?	156.8	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23267	?	158.6	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23268	?	164.4	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23269	M	159.3	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23270	?	155.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23271	M	159.8	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23272	M	154.5	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23273	M	165.6	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23274	M	159.7	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23275	?	152.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23276	?	152.5	SK	Good
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23277	M	170.7	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23278	?	171.3	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23279	?	162.0	SK	Cross-section of canine saved; left zygomatic arch broken
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23280	?	155.4	SK	Good; cross-section of canine saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23281	?	158.2	SK	Left bullar region damaged
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23282	?	166.7	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23283	M	154.4	SK	Cross-section of canine and baculum saved; right zygomatic arch broken; several loose teeth
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	28 Jun 1945	CM 23284	?	[Imm.]	SK	Skull fragmentary
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	2 Jul 1945	CM 23285	F	161.1	SS	Cross-section of canine saved; right bullar region damaged; [3 yrs old]; tanned skin
Canada: Quebec; mouth of Kogaluk River 59°40'N; 77°25'W	2 Jul 1945	CM 23286	F	[Ad]	SS	Skull fragmentary; tanned skin
Canada: Quebec; mouth of Kogaluk River 59°40'N; 77°25'W	6 Jul 1945	CM 23287	?	[Ad]	SK	Skull fragmentary
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	6 Jul 1945	CM 23288	?	162.5	SK	Good; cross-section of canine saved
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	2 Jul 1945	CM 23289	?	159.9	SS	Good but skull may not match skin; cross-section of canine saved; tanned skin
Canada: Quebec; 6 mi S of mouth Kogaluk River 59°40'N; 77°25'W	1945	CM 23290	M	147.0	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	1945	CM 23291	M	156.9	SK	Good; cross-section of canine and baculum saved
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	1945	CM 23292	M	[Imm.]	SK	Skull fragmentary; baculum saved

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
				[Imm]	SK	
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	1945	CM 23293	?			Skull fragmentary
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	1945	CM 23294	?		SO	Tanned skin
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	1945	CM 23295	?		SO	Tanned skin
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	1945	CM 23296	?		SO	Tanned skin
Canada: Quebec; vicinity of Povungnituk Post 59°40'N; 77°30'W	1945	CM 23297	?		SO	Tanned skin
Canada: Ontario; Moose River Post 59°40'N; 77°30'W	Spring 1945	CM 23299	?		SO	Tanned skin
Canada: Quebec; Povungnituk Post 59°40'N; 77°30'W	1945	CM 23303	?		SO	Tanned skin
Canada: Ontario; Albany Post of Hudson Bay Company	May 1946	CM 30448	?	[130]	SS	Braincase damaged; tanned skin
Canada: Northwest Territories; Eglington Fjord, Baffin Island 70°40'N; 69°50'W	22 Apr 1972	CM 66769	F	170.6	SK	Left side of rostrum and right side of braincase damaged
Canada: Northwest Territories; Eglington Fjord, Baffin Island 70°40'N; 69°50'W	24 Apr 1972	CM 66770	M	[170]	SK	Rostrum fragmentary; baculum saved
<i>Phoca sibirica</i>						
USSR: Siberia; Lake Baikal	unknown	CM 61813	?	[130]	SK	Rostrum damaged; some loose teeth
<i>Phoca vitulina concolor</i>						
Canada: Northwest Territories;	20 Apr 1930	CM 6671	M	145.9	SK	Good

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Southampton Island, Bear Island Floe	11 Oct 1937	CM 13161	?	[Imm]	SS	Skull fragments saved; tanned skin
Canada: Northwest Territories; Belcher Islands, Freshwater Lake	15 Jul 1937	CM 15217	F	?	SO	Tanned skin
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Kasegalik Lake 55°58' N; 79°20' W	30 Jun 1938	CM 15218	F	?	SB	Skull fragmentary; tanned skin
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Kasegalik Lake 55°58' N; 79°20' W	30 Jun 1938	CM 15219	F	[Imm]	SB	Skull fragmentary; tanned skin; young of CM 15218
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Kasegalik Lake 55°58' N; 79°20' W	30 Jun 1938	CM 15220	F	[Imm]	SB	Skull fragmentary; tanned skin
Canada: Northwest Territories; Belcher Islands, Flaherty Island, Kasegalik Lake 55°58' N; 79°20' W	19 Jun 1938	CM 15221	F	[Ad]	SS	Braincase broken; tanned skin; some limb bones saved
Canada: Quebec; La Tabatiere 50°50' N; 58°57' W	1 Jul 1939	CM 17679	M	?	SS	Skull fragmentary; tanned skin
Canada: Quebec; NE of Great Whale River, Seal Lake	1938-39	CM 17744	?	?	SO	Tanned skin
Canada: Newfoundland; Lab-	29 Jun 1939	CM 17848	?	156.8	SK	Good

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Radar, Straits of Bell Isle, Battle Harbor 52°16'N; 55°35'W	29 Aug 1939	CM 17849	?	154.4	SK	Rostrum damaged
Canada: Newfoundland; Labrador, Northwest River, Hamilton Inlet 54°18'N; 57°42'W	23 Dec 1939	CM 18698	F	?	SO	Tanned skin
Canada: Quebec; La Tabatiere 50°50'N; 58°57'W	1939-40	CM 18716	F	165.8	SK	Skull very fragile; right zygomatic arch and buellar region damaged
Canada: Quebec; Gulf of St. Lawrence, La Tabatiere 50°50'N; 58°57'W	Spring 1940	CM 18745	F	185.3	SS	Skull broken and glued in several places; tanned skin
Canada: Northwest Territories; Belcher Islands 56°15'N; 79°15'W	Spring 1940	CM 18746	M	?	SS	Skull fragmentary; tanned skin
Canada: Northwest Territories; Belcher Islands 56°15'N; 79°15'W	Spring 1940	CM 18747	M	[Imm]	SS	Skull fragmentary; tanned skin
Canada: Northwest Territories; Belcher Islands 56°15'N; 79°15'W	Spring 1940	CM 18748	F	150.1	SS	Good; tanned skin
Canada: Northwest Territories; Belcher Islands 56°15'N; 79°15'W	11 Aug 1940	CM 19445	F	[Ad]	SB	Skull fragmentary; tanned skin
Canada: Quebec; Rimouski Co., Trois Pistoles	28 Jun 1943	CM 21613	M	175.4	SK	Skull damaged and glued
Canada: Quebec; Rimouski Co., Trois Pistoles	28 Jun 1943	CM 21614	F	146.1	SK	Skull damaged and glued

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
<i>Phoca vitulina mellonae</i>						
Canada: Quebec; Upper Seal Lake, 200 mi NE Great Whale River 56°N; 73°10'W	Summer 1937	CM 15211	F	?	SO	Trapper's tanned skin
Canada: Quebec; Upper Seal Lake, 200 mi NE Great Whale River 56°N; 73°10'W	Summer 1936	CM 15212	M	?	SO	Trapper's tanned skin
Canada: Quebec; Atchiguanipish River, Richmond Gulf, 125 mi NE Cairn Island 56°30'N; 74°30'W	22 Mar 1938	CM 15213	F	[Ad]	SB*	Skull broken and glued; postcranial skeleton missing, tanned skin
Canada: Quebec; Atchiguanipish River, Richmond Gulf, 125 mi NE Cairn Island 56°30'N; 74°30'W	22 Mar 1938	CM 15214	M	97.0	SB	Right bullar region broken; tanned skin; young of CM 15213
Canada: Quebec; Atchiguanipish River, Richmond Gulf, 125 mi NE Cairn Island 56°30'N; 74°30'W	23 Mar 1938	CM 15215	M	[184]	SB	Holotype: Doutt, 1942; tanned skin; skull broken and partially glued; locality on original tag differs from published locality which is Quebec; about 90 mi E Richmond Gulf, Lower Seal Lake 56°30'N; 74°30'W
<i>Phoca vitulina richardii</i>						
United States: Washington; Skagit Co., Laconner 48°22'N; 122°29'W	29 May 1940	CM 18738	F	194.7	SB	Good; tanned skin
United States: Washington; Skagit Co., Laconner 48°22'N; 122°29'W	29 May 1940	CM 18739	F	[Imm]	SN	Skull fragmentary; teeth just beginning to erupt
United States: Alaska; near Craig, Prince of Wales Island 55°40'N; 133°W	15 Apr 1965	CM 40582	?	?	SO	Tanned skin

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
United States: Alaska; Colville River	1958-59	CM 51985	M	214.6	SK	Both zygomatic arches broken; numerous loose teeth
United States: Alaska; Yakutat 59°29'N; 139°49'W	May-Jun 1954	CM 57626	?	187.7	SS	Good; tanned skin
United States: Alaska; Yakutat 59°29'N; 139°49'W	May-Jun 1954	CM 57627	?	179.2	SS	Tanned skin; left zygomatic arch damaged
United States: Alaska; Yakutat 59°29'N; 139°49'W	May-Jun 1954	CM 57628	?	189.6	SS	Good; tanned skin
United States: Alaska; Alexander Archipelago, Kuiu Island, Pillar Bay 56°40'N; 134°W	6 May 1967	CM 63102	M	[160]	SK	Skull fragmentary
<i>Phoca vitulina vitulina</i>						
North Atlantic: North Sea	unknown	CM 1741	F	[Ad]	SK*	On exhibit
North Atlantic: North Sea	unknown	CM 1744	?	[Ad]	SN*	Mounted, on exhibit
<i>Phoca vitulina</i>						
Locality unknown*	unknown	CM 57428	?	176.4	SN*	Good; postcranial skeleton missing; zoo specimen
Locality unknown*	18 Sep 1950	CM 61341	F	151.1	SB	Good; zoo specimen
<i>Phoca species</i>						
Canada: Northwest Territories; Hudson Bay	unknown	CM 10822	?	[Imm]	SO	Mounted skin
Canada: Northwest Territories; Belcher Islands 56°15'N; 79°15'W	unknown	CM 15306	M	?	OT	4 bacula
CYSTOPHORINAE						
<i>Cystophora cristata</i>						
United States: Pennsylvania; Philadelphia Co., in Delaware River near Bristol	5 Sep 1951	CM 61355	F	177.0	SB	Good; tanned skin

CATALOG OF MARINE MAMMALS—Continued.

SIRENIA	Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
TRICHECHIDAE							
	<i>Trichechus inunguis</i>	Oct 1970	CM 59579	M	[Imm]	SN	Braincase damaged; zoo specimen
	Brazil: Amazonas; on Rio Yavari, near Benjamin Constant* 04°23'S; 69°59'W	16 Mar 1983	CM 79986	M	307	SN	Good; zoo specimen; originally collected June 1967
<i>Trichechus manatus latirostris</i>							
	United States: Florida; Dade Co., Miami	about 1912	CM 17519	?	[307]	SK	Damaged to bullar region
	United States: specific locality unknown	unknown	CM 18125	?	[313]	SN	Damaged to bullar region; most teeth missing
	United States: specific locality unknown	unknown	CM 18126	?	357.5	SN	Damaged to bullar region
	United States: Florida; Dade Co., Miami	unknown	CM 18752	?	[Ad]	BM*	Cast on exhibit
	United States: Florida; Dade Co., Miami Harbor	22 Mar 1940	CM 19411	M	[315]	SN	Basisphenoid region destroyed
	United States: Florida; specific locality unknown	1925	CM 21567	?	[Imm]	SN*	Cranium missing
	United States: Florida; Brevard Co., west shore Indian River, Delespine 28°29'N; 80°46'W	23 Jan 1981	CM 77798	M	[Imm]	SN	Braincase broken
	United States: Florida; Brevard Co., west shore Indian River, Delespine 28°29'N; 80°46'W	23 Jan 1981	CM 77799	M	[Imm]	SN	Braincase broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
				[Imm]	SN	
United States: Florida; Brevard Co., west shore Indian River, Delespine 28°29'N; 80°46'W	4 Feb 1981	CM 77800	F			Braincase broken
United States: Florida; Brevard Co., north bank of Barge Canal, near Sykes Creek, Merritt Island 28°24'N; 80°42'W	20 Aug 1980	CM 77801	F	347.1	SN	Good
United States: Florida; Brevard Co., Port Canaveral 28°24'N; 80°38'W	20 Aug 1980	CM 77802	F	[Ad]	SN	Braincase broken
United States: Florida; Brevard Co., Port Canaveral Lock 28°24'N; 80°37'W	15 Jun 1980	CM 77803	F	[Imm]	SN	Braincase broken
United States: Florida; Brevard Co., west shore Banana River, Surfside Estates 28°23'N; 80°40'W	30 Apr 1981	CM 77804	F	382.5	SN	Good
United States: Florida; Brevard Co., Banana River, Cocoa Beach 28°18'N; 80°37'W	9 Jul 1980	CM 77805	M	344.8	SN	Good
United States: Florida; Brevard Co., west shore Banana River, Merritt Island 28°14'N; 80°39'W	2 Sep 1980	CM 77806	F	[Ad]	SN	Braincase broken
United States: Florida; Brevard Co., north side Spoil Island, Indian River, Grant 27°55'N; 80°31'W	26 Mar 1980	CM 77807	M	[Imm]	SN	Braincase broken
United States: Florida; Brevard	26 Mar 1980	CM 77808	F	[Ad]	SN	Braincase broken

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Co., west shore Indian River, 1 km N Sebastian River Bridge 27°52'N; 80°29'W	17 May 1981	CM 77809	F	[Imm]	SN	Skull fragmentary
United States: Florida; Brevard Co., north shore Sebastian Creek, 0.5 km W Hwy 1 Bridge 27°51'N; 80°29'W	13 May 1981	CM 77810	M	347.2	SN	Good
United States: Florida; Duval Co., north shore St. Johns River, Blount Island 30°23'N; 81°32'W	3 Feb 1981	CM 77811	M	352.3	SN	Good
United States: Florida; Duval Co., north shore St. Johns River, Jacksonville 30°19'N; 81°39'W	3 Feb 1981	CM 77812	F	[Imm]	SN	Braincase broken
United States: Florida; Duval Co., east shore St. Johns River, 1.5 km N Goody Creek, Jacksonville 30°13'N; 81°37'W	3 Jul 1980	CM 77813	F	364.6	SN	Braincase damaged

CATALOG OF MARINE MAMMALS—Continued.

Locality	Date collected	Catalog number	Sex	CBL or age	Nature of specimen	Condition of specimen and comments
Co., west of mouth of East Pass, Suwanee River 29°17'N; 83°06'W	3 Nov 1980	CM 77814	F	[Ad]	SN	Braincase damaged
United States: Florida; Levy Co., Inglis Lock, Florida Barge Canal, Inglis 29°01'N; 82°37'W	30 Jan 1981	CM 77815	F	[Imm]	SN	Braincase damaged
United States: Florida; Nassau Co., west bank Jolly River at confluence with St. Mary's River 30°43'N; 81°30'W	17 Oct 1980	CM 77816	M	[Imm]	SN	Braincase damaged
United States: Florida; Pinellas Co., 3.2 km E of west bank Old Tampa Bay, Clearwater 27°58'N; 82°40'W	7 May 1981	CM 77817	M	382.9	SN	Good
United States: Florida; Putnam Co., east shore St. John's River, S San Mateo 29°36'N; 81°35'W <i>Trichechus senegalensis</i> Cameroun: 10 mi W Edea	1942	CM 42762	?	351.3	SK	Bullar regions damaged



McLaren, Suzanne B., Schlitter, Duane A., and Genoways, Hugh H. 1986.
"Catalog of the Recent marine mammals in the Carnegie Museum of Natural History." *Annals of the Carnegie Museum* 55, 237–296.
<https://doi.org/10.5962/p.330600>.

View This Item Online: <https://www.biodiversitylibrary.org/item/216940>

DOI: <https://doi.org/10.5962/p.330600>

Permalink: <https://www.biodiversitylibrary.org/partpdf/330600>

Holding Institution

Smithsonian Libraries and Archives

Sponsored by

Biodiversity Heritage Library

Copyright & Reuse

Copyright Status: In Copyright. Digitized with the permission of the rights holder

Rights Holder: Carnegie Museum of Natural History

License: <https://creativecommons.org/licenses/by-nc-sa/4.0/>

Rights: <https://www.biodiversitylibrary.org/permissions/>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.