

Supplementary Materials: Museum information on Ivory Gull samples

Canada Breeding samples

Museum Sample	Region	Location	Year	Day
CMN06704	Nunavut	N63.97E61.82	1904	Sep22
CMN23444	Nunavut	Dundas Harbour	1929	Aug6
CMN57268	Nunavut	N74.68E94.83	1969	July4
CMN69123	Nunavut	N79.10E75.87	1979	Jun 18
CMN69124	Nunavut	N79.10E75.87	1979	Jun 18
CMN69193	Nunavut	Pond Inlet	1978	Jun14
CMN69194	Nunavut	Pond Inlet	1978	July
CMN69195	Nunavut	Pond Inlet	1978	July
CMN71689	Nunavut	Seymour Island	1975	Aug17
CMN71690	Nunavut	Seymour Island	1975	Jul30
CMN83462	Nunavut	N/A	N/A	N/A
CMN83464	Nunavut	Seymour Island	1976	Aug8
CMN83465	Nunavut	N/A	N/A	N/A
CMN83478	Nunavut	N/A	N/A	N/A
CMN83479	Nunavut	N/A	N/A	N/A
CMN83480	Nunavut	N/A	N/A	N/A
CMN83481	Nunavut	N/A	N/A	N/A
CMN83483	Nunavut	Seymour Island	1977	July2
CMN83633	Nunavut	N/A	N/A	N/A
CMN84135	Nunavut	N/A	N/A	N/A
CMN84138	Nunavut	Grise Fjord	1983	July9
CMN84139	Nunavut	N/A	N/A	N/A
ROM79400	Nunavut	Baffin Island	1951	Jun29
CM129250	NWT	Inuvik District	1941	Sep
CM161539	Nunavut	Baffin District	1937	Aug17
ANSP118867	Nunavut	Ellesmere Island	1934	Sep8
ANSP118869	Nunavut	Taylor Inlet, Ellesmere Island	1934	Sep8
ANSP118872	Nunavut	Ellesmere Island	1934	Sep8

Canada Non-Breeding samples

Museum Sample	Region	Location	Year	Day
IVGU1	NL	N/A	2000s	N/A
IVGU2	NL	N/A	2000s	N/A
FA	NL	Fogo Island	2000s	winter
FJ	NL	Fogo Island	2000s	winter
B/I	NL	L'Anse Aux Meadows	1980s	winter
PL6	NL	L'Anse Aux Meadows	1980s	winter
CMN-IL1	NL	L'Anse Aux Meadows	1980s	winter
CMN-IL2	NL	L'Anse Aux Meadows	1980s	winter
CMN-IL3	NL	L'Anse Aux Meadows	1980s	winter
CMN-IL4	NL	L'Anse Aux Meadows	1980s	winter
CMN-IL5	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL1	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL2	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL3	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL4	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL5	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL6	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL7	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL8	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL9	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL10	NL	L'Anse Aux Meadows	1980s	winter
CMN-AL11	NL	L'Anse Aux Meadows	1980s	winter
CMN29210	Quebec	Natashquan	1939	Dec19
CMN29217	Quebec	N/A	N/A	N/A
CMN65716	NWT	N70.17E116.50	1976	Nov
ROM75016	Ontario	Kenora District	1956	Jan
ANSP146497	US	New Jersey	1940	Feb

Norway Breeding samples

Museum Samples	Location	Year	Day
OSLO7401	Biskayerhuken	1949	Jul14
OSLO7402	Biskayerhuken	1949	Jul12
OSLO7403	Bjornehavn	1949	Jul3
OSLO7537	Mosselbay	1954	Jul28
OSLO11145	Svalbard	1982	Aug20
OSLO11148	Svalbard	1982	Aug20
OSLO11149	Svalbard	1982	Aug20
OSLO11150	Svalbard	1982	Aug20
OSLO11166	Svalbard	1982	Aug20
OSLO11410	N76.45E29.0	1986	May25
ZMUC28.912	Siktefjeld	1949	Jul25
ZMUC28.913	Biskayernuken	1949	Jul15
ZMUB2115	Finnmark	N/A	N/A
ZMUB10375	Svea	1947	Jul25
ZMUB10376	Svea	1947	Jul25
ZMUB10379	Svea	1947	Jul25
ZMUB11629	Kong Karls Land	1960	Aug7

Greenland Breeding samples

Museum Sample	Location	Year	Day
ZMUC14.147	Isenv. Kap Stephensen	1932	Jul22
ZMUC14.148	Isenv. Kap Stephensen	1932	Jul22
ZMUC14.149	Isenv. Kap Stephensen	1932	Jul23
ZMUC14.150	Isenv. Kap Stephensen	1932	Jul23
ZMUC14.151	Isenv. Kap Stephensen	1932	Aug15
ZMUC14.190	Scoresby Lund	1933	Aug25
ZMUC57.689	Kane Basin	1941	Jun5
ZMUC57.690	Kane Basin	1941	Jun5
ZMUC57.691	Kane Basin	1941	Jun5
ZMUC57.692	Kane Basin	1941	Jun5
ANSP118864	Melville Bay (W)	1934	Jul31
CM161522	N/A	1937	Jul24
CM161523	N/A	1937	Aug3
CM161524	N/A	1940	Aug8
MVZ101400	Melville Bay	1925	Jul30

Greenland Non-Breeding samples

Museum Samples	Location	Year	Day
ZMUC14.145	Isenv. Kap Stephensen	1934	Jan
ZMUC55.659	Holsteinborg	1935	May2
ZMUC57.693	Smith's Sound	1940	May
ZMUC57.694	Smith's Sound	1940	May
ZMUC57.695	Smith's Sound	1940	May
ZMUC64.171	Angmaqssalik	1976	N/A
ZMUC64.215I	Sarqaq, Disko	1948	Dec
ZMUC64.217	Sarqaq, Disko	1948	Dec
ZMUC65.822	Godthaab	1964	Jan
ZMUB3904	Godhavn	1907	Nov5
MVZ101401	Egedesminde	1925	Sep18

Alaska Non-Breeding samples

Museum Samples	Location	Year	Day
CRCM76-474	N/A	1976	Apr17
FM158416	Barrow	1928	Sep11
FM158417	Barrow	1930	May19
FM158418	Barrow	1929	Oct25
FM158420	Barrow	1930	May19
FM158421	Barrow	1929	Oct12
FM158423	Barrow	1929	Oct7
FM158424	Barrow	1931	Sep26
FM158425	Barrow	1930	May19
FM158431	Barrow	1927	Oct11
FM160631	Barrow	1931	Oct6
FM160632	Barrow	1929	Oct11
FM160633	Barrow	1929	Oct7
FM160634	Barrow	1930	May23
FM160635	Barrow	1927	Oct5
FM160636	Barrow	1927	Oct11
FM160637	Barrow	1927	Oct8
FM160638	Barrow	1927	Oct11
FM160639	Barrow	1927	Oct4
FM160640	Barrow	1929	Oct4
FM160641	Barrow	1927	Oct11
USNM253120	St. George Island	1916	Feb18
USNM255117	St. George Island	1917	Mar27
USNM469300	Old Crow	1958	Jan26
USNM479604	St. Paul Island	1962	Jan24
USNM479605	St. Paul Island	1962	Jan25
USNM479606	St. Paul Island	1962	Jan28
MVZ45096	Wainwright	1924	May23
MVZ82095	Barrow	1930	May29
ROM81716	Barrow	1931	Sep25
UBC5647	Barrow	1931	Sep25

NL = Newfoundland and Labrador

NWT = Northwest Territories

Museum Abbreviations:

CMN = Canadian Museum of Nature

ROM = Royal Ontario Museum

CM = Carnegie Museum of Natural History

ANSP = Academy of National Sciences

OSLO = Natural History Museum, University of Oslo

ZMUC = Zoological Museum, University of Copenhagen

ZMUB = Museum of Zoology, University of Bergen

MVZ = Museum of Vertebrate Zoology, University of California

CRCM= Charles R. Connor Museum, Washington State University

FM = Field Museum of Natural History

USNM = Smithsonian Institution, National Museum of Natural History

UBC = Cowan Vertebrate Museum, University of British Columbia

UWBM = Burke Museum of Natural History, University of Washington