

APPENDIX 2

Vertebrates of the Citronen Region, Orbicon, 2010

0. Introduction

This document lists the vertebrates, i.e. mammals, birds and fish that have been recorded from the Citronen Fjord area.

The few species of marine fish that have been recorded from the fjord are also listed. However, little effort has been made to record sea fish from the fjord and the list is undoubtedly far from complete.

Information is sourced from the following studies at Citronen:

Greenland Environment Research Institute & Greenland Field Investigations. 1993. Reconnaissance in the Citronen Fjord area, North Greenland August 1993. 80 pp.

Greenland Environment Research Institute. 1995. . Baseline study in the Citronen Fjord area, North Greenland 1994. 40 pp.

National Environment Research Institute. 1995. Miljøundersøgelser I Citronen Fjord april 1995. 7 pp.

National Environment Research Institute. 1998. Second Baseline Study in the Citronen Fjord Area, North Greenland 1997. NERI Research Notes No. 83. 46 pp.

2010 Baseline (Ironbark/Orbicon). Third Baseline Study in the Citronen Fjord Area, North Greenland 2010.

1. Mammals recorded in the Citronen Fjord area

Ringed seal *Phoca hispida*

Appears to be relatively common. Observed in 1993, 1994, 1997 and 2010.

Hooded seal *Cystophora cristata* or bearded seal *Erignatus barbatus*.

Two observed on 4 July 1994 in the mouth of Citronen Fjord.

Muskoxen *Ovibos moschatus*

Widespread in small numbers; observed in 1993, 1994, 1997 and 2010.

Wolf *Canis lupus*

Small numbers recorded most years (observations or tracks); recorded in 1993, 1994, April 1995, 1997 and 2010.

Arctic fox *Alopex lagopus*

Widespread in small numbers; recorded in 1993, 1994, April 1995, 1997 and 2010.

Polar bear *Ursus maritimus*

Apparently not recorded from Citronen Fjord. However, a Polar bear was observed on Frederick E. Hyde Fjord close to the entrance of Citronen Fjord in May 2010. A female with a young bear observed on 17 June 1994 near Freja Fjord opposite Frigg Fjord inside F.E. Hyde Fjord.

Stoat *Mustela erminia*

Rarely observed, numbers probably vary with lemming population; recorded in 1983 and 2010.

Arctic hare *Lepus arcticus*

Widespread in small numbers; recorded in 1993, 1994, 1997 and 2010.

Collared lemming *Discrotonyx torquatus*

Numbers vary considerably between years. Common in 1983, several observed in 1994 but less common than in 1993. In 1997 a few were observed while none were recorded in 2010.

2. Bird species recorded at Citronen Fjord

Red-throated Diver *Gavia stellata*

Common visitor to Lake Platinova and Citronen Fjord; observed in 1993, 1994, 1997 and 2010.

Snow goose *Anser caerulescens*

Uncommon visitor. Indications of this species were observed in 1994, while it was

definitely observed in July 1997 and August 2010. One breeding record from Depot Bay, F.E. Hyde Fjord in 1993, c. 25 km east of Citronen Fjord.

Pink-footed goose *Anser brachyrhynchus*

Common summer visitor in recent years; recorded in 1997 and 2010 (but not in 1993 or 1994).

King eider *Somateria spectabilis*

Uncommon visitor; One female on Citronen Fjord 1993, a flock of over 100 birds on 28 July 1997 and 3 birds on 5 August 1997.

Gyr falcon *Falco rusticolus*

Rare visitor; one record near Esrum River in 1997.

Ptarmigan *Lagopus mutus*

Relatively common breeding bird most years; recorded in 1993, 1997 and 2010 (but not in 1994).

Long-tailed Skua (*Stercorarius longicaudus*)

Regular breeding birds in small numbers; recorded in 1983, 1994, 1997 and 2010.

Glaucous gull *Larus hypoboreus*

Regular visitor to Citronen Fjord; observed in 1993, 1994, 1997 and 2010.

Ivory gull *Pagophila eburnea*

Regular visitor in small numbers; observed in 1993, 1997 and 2010.

Arctic tern *Sterna paradisaea*

Rare visitor; one record from August 1993.

Ringed Plover *Charadrius hiaticula*

Breed in small numbers; recorded in 1993, 1994, 1997 and 2010.

Knot *Calidris canutus*

Uncommon breeding bird. Observed in 1994 and 1997.

Sanderling *Calidris alba*

Breed in small numbers; recorded in 1993, 1994, 1997 and 2010.

Ruddy Turnstone *Arenaria interpres*

Uncommon breeding bird; recorded in 1993, 1994, 1997 and 2010.

Arctic redpoll *Carduelis hornemannii*

Rare - the only record is two young birds south of Lake Platinova on 23 August 1993.

Snowy owl *Nyctea scandiaca*

This owl has so far never been observed in the Citronen Fjord area. However in August 1993 one was observed at Nansen Land about 150 km west of Citronen Fjord. It is probably a rare visitor to the Citronen Fjord area and in years with high lemming population it may even breed occasionally.

Snow bunting *Plectrophenax nivalis*

Breed in small numbers; recorded in 1993, 1994, 1997 and 2010.

3. Freshwater fish

Arctic char *Salvelinus alpinus*

A resident population occurs in Lake Platinova; recorded in 1993, 1994, 1997 and 2010.

4. Fish recorded from the Citronen Fjord

Four-horned Sculpin *Myoxycyphalus quadricornis*

Very common at shallow water and probably also in deeper water; recorded in 1993, 1994, 1997 and 2010.

Polar cod *Boreogadus saida* or Arctic cod *Arctogadus glacialis*

One of these species was almost caught in a net in 1993 and another was found dead on the shore of Citronen Fjord in 1997.

Arctic char *Salvelinus alpinus*

Probably quite common in the fjord during the summer months. One possible char was almost caught in 1997. Several caught in 2010.