

# Lice (Insecta: Phthiraptera) and their host associations in the Faroe Islands

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## Steenstrupia



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Parasitic lice were collected and identified from 123 bird taxa and six mammal species from the Faroe Islands. The result is a list of 215 species and subspecies of lice (including nine louse records identified at the generic level only). As many as 171 of those species and subspecies (79.5%) are new louse records for the Faroe Islands. A brief history of previous louse records from the islands is provided. A list of the host-lice associations found in the Faroe Islands is also given. The mite *Myialges (Myialges) ancistronae* Fain, 1965 is recorded from a female *Ancistrona vagelli* collected on a Fulmar.

Keywords: Phthiraptera, lice, host-lice associations, Faroe Islands, new records

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## INTRODUCTION

The rugged Faroe Islands are an archipelago strategically located in the northeastern Atlantic Ocean, formed by 18 larger islands – 17 of them inhabited by humans – and a few uninhabited islets. The complete absence of native land mammals is well compensated by a great abundance of bird life, with 306 native species and subspecies recorded from the islands (Jensen, Bloch & Olsen 2004). A large number of bird species means an even greater number of louse species and other ectoparasites living on them. However, knowledge of the Faroese louse fauna is scant.

Landt (1800), in his book about the Faroe Islands, wrote: “*Pediculi*, lice of different species occur here, depending on which animal they infest. Especially puffin lice are known to bite viciously when they move onto humans.” (English translation by J-KJ). However, Landt’s “puffin lice” refer to ticks (*Ixodes uriae* White, 1852), which are very common on puffins and very unpopular among the men who hunt puffins in the Faroes, as well as vectors of human disease (see Gylfe et al. 1999).

Waterston (1915) published the first records

of lice from the Faroe Islands, based on samples collected from birds in the summer of 1912 by Dr Alfons Dampf. They comprised 27 louse species from 12 host species and subspecies. Henriksen (1929) reviewed all the species recorded by Waterston (1915) and added five further louse species, including three from mammals: one from sheep and two from humans. Three more recent papers by Price & Hellenthal (1998), Jensen, Palma & Zonfrillo (1999) and Price, Palma & Clayton (2003), also contain records of lice from the Faroe Islands.

Numerous samples of lice from a much larger range of host species and subspecies, collected and slide-mounted by J-KJ and identified by RLP during the last eight years, have produced a great number of new louse records for the Faroe Islands. The list below includes all the new records together with those in Waterston (1915) and Henriksen (1929), which have been updated according to modern louse taxonomy, as well as those from more recent publications. A list of the new host-lice associations resulting from the new louse records, in addition to those recorded in all the references cited above, follow the louse list.

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## MATERIAL AND METHODS

The birds deloused for this project can be divided into four categories, as follows:

1. Fresh dead birds supplied by hunters shortly after they were killed. Lice were collected by first placing the carcass inside a plastic bag containing chloroform vapours. After approximately ½ hour, birds were removed from the bag, brushed and shaken to remove the dead lice from the plumage.
2. Dead birds found long after their death, which were skinned for preservation. These birds were washed in water and the washings filtered through a sieve to separate the lice (see Jensen & Olsen 2003).
3. Migrating birds caught alive in a *Helgoland Trap* (see Jensen 1995) set in Nólsoy by the Natural History Museum of the Faroe Islands. These birds were deloused using the method described by Fowler & Cohen (1983), then ringed and subsequently released.
4. Bird skins preserved in the collection of the Zoological Museum, University of Copenhagen, Denmark. Lice were located by visual examination and then removed with tweezers or dislodged from the plumage by gentle brushing and ruffling of the feathers.

Lice from domestic mammals were mostly collected and supplied by two veterinarians (see *Acknowledgements*) who found them during their routine work. Eleven grey seals, *Halichoerus grypus* (Fabricius, 1791), were searched for lice by J-KJ without success. Human lice were collected from two sources: *Pediculus humanus capitis* de Geer, 1778 from a child, and *Pthirus pubis* (Linnaeus, 1758) from a patient in the Tórshavn Hospital.

All of the lice were first preserved in 70% alcohol and then treated and slide-mounted following the technique described by Palma (1978).

**In the louse list:** an asterisk (\*) denotes a new record of a louse species or subspecies for the Faroe Islands. Louse names given in quotes (“”) are misidentifications by the authors given following the closing quotes. Louse species marked with a **W** are those recorded by Waterston (1915) which have not been collected again from the Faroe Islands.

**In the host-lice list:** an asterisk (\*) denotes

a new host-lice association for the Faroe Islands. Louse species or subspecies marked with **W** were examined and identified by RLP. Louse species marked with a **W** are those recorded by Waterston (1915) which have not been collected again from the Faroe Islands. Where male lice have not been examined, **(F)** or **(FF)** means female or females only, and **(N)** means nymph only. The English name of each bird species or subspecies is followed by the current status of that species or subspecies in the Faroe Islands (breeding, vagrant or both) taken from Jensen, Bloch & Olsen (2004) and, within parentheses, the number of birds examined plus their condition when they were deloused.

Louse species and subspecies qualified as STRAGGLERS are those where the louse (lice) has (have) been transferred from its (their) original host to another host species by natural means (e.g., close contact during host feeding, breeding, roosting, predator-prey interaction). Records resulting from contaminations due to human agency are not reported because they add nothing to the knowledge of the fauna.

Voucher specimens representing all the records of lice from the Faroe Islands resulting from this project, new or otherwise, have been deposited in the collections of the Natural History Museum (Tórshavn, Faroe Islands), and the Museum of New Zealand Te Papa Tongarewa (Wellington, New Zealand). The systematics, sequence and nomenclature of the host birds follow those in Cramps & Simmons (1977-1983), Cramps (1985-1992) and Cramps & Perrins (1993-1994).

## LIST OF LICE FROM THE FAROE ISLANDS

Order **PHTHIRAPTERA** Haeckel, 1896

Suborder **AMBLYCERA** Kellogg, 1896

Family **GYROPIDAE** Kellogg, 1896

Genus *Gliricola* Mjöberg, 1910

\* *Gliricola porcelli* (Schränk, 1781)

Ex *Cavia porcellus* (Linnaeus, 1758)

Family **LAEMOBOTHRIIDAE** Mjöberg, 1910

Genus *Laemobothrion* Nitzsch, 1818

Subgenus *Eulaemobothrion* Ewing, 1929

\* *Laemobothrion (Eulaemobothrion) atrum* (Nitzsch, 1818)

Ex *Fulica atra* Linnaeus, 1758

Family **MENOPONIDAE** Mjöberg, 1910

Genus *Actornithophilus* Ferris, 1916

\* *Actornithophilus bicolor* (Piaget, 1880)

Ex *Arenaria interpres* (Linnaeus, 1758)

\* *Actornithophilus gracilis* (Piaget, 1880)

Ex *Vanellus vanellus* (Linnaeus, 1758)

*Actornithophilus grandiceps* (Piaget, 1880)

*Colpocephalum grandiceps* Piaget, 1880; Waterston 1915: 38

Ex *Haematopus ostralegus* Linnaeus, 1758

\* *Actornithophilus multisetosus* Blagoveshchensky, 1940

Ex *Lymnocyptes minimus* (Brünnich, 1764)

*Actornithophilus ochraceus* (Nitzsch, 1818)

*Colpocephalum* sp.; Waterston, 1915: 39

Ex *Charadrius hiaticula* Linnaeus, 1758

\* *Actornithophilus patellatus* (Piaget, 1890)

Ex *Numenius arquata* (Linnaeus, 1758)

\* *Actornithophilus totani* (Schränk, 1803)

Ex *Tringa totanus robusta* (Schjøler, 1919)

*Actornithophilus umbrinus* (Burmeister, 1838)

*Colpocephalum umbrinum* Piaget, 1880 [sic]; Waterston 1915: 38

Ex *Calidris alpina* (Linnaeus, 1758)

Ex *Calidris canutus* (Linnaeus, 1758)

Ex *Calidris maritima* (Brünnich, 1764)

Genus *Ancistrona* Westwood, 1874

*Ancistrona vagelli* (J.C. Fabricius, 1787)

*Ancistrona vagelli*. – Jensen, Palma & Zonfrillo 1999: 72

*Ancistrona gigas* Piaget, 1885 [sic]; Waterston 1915: 42

Ex *Fulmarus glacialis* (Linnaeus, 1761)

Ex *Puffinus griseus* (Gmelin, 1789)

Genus *Austromenopon* Bedford, 1939

*Austromenopon brevifimbriatum* (Piaget, 1880)

*Menopon numerosum* Kellogg, 1896; Waterston 1915: 40

Ex *Fulmarus glacialis* (Linnaeus, 1761)

Ex *Larus marinus* Linnaeus, 1758 STRAGGLER

Ex *Stercorarius skua* (Brünnich, 1764) STRAGGLER

\* *Austromenopon decorosum* Zlotorzyczka, 1968

Ex *Tringa totanus robusta* (Schjøler, 1919)

\* *Austromenopon fuscofasciatum* (Piaget, 1880)

Ex *Stercorarius parasiticus* (Linnaeus, 1758)

*Austromenopon haematopi* Timmermann, 1954

"*Menopon crocatum* Nitzsch, 1818"; Waterston 1915: 39

Ex *Haematopus ostralegus* Linnaeus, 1758

\* *Austromenopon lutescens erilis* Zlotorzyczka, 1968

Ex *Calidris maritima* (Brünnich, 1764)

\* *Austromenopon lutescens lutescens* (Burmeister, 1838)

Ex *Arenaria interpres* (Linnaeus, 1758)

Ex *Calidris alba* (Pallas, 1764)

Ex *Calidris canutus* (Linnaeus, 1758)

\* *Austromenopon nigropleurum merguli* Timmermann, 1954

Ex *Alle alle* (Linnaeus, 1758)

Ex *Larus glaucoides* Meyer, 1822 STRAGGLER

\* *Austromenopon nigropleurum nigropleurum* (Denny, 1842)

Ex *Alca torda islandica* Brehm, 1831

Ex *Fratercula arctica grabae* Brehm, 1831

\* *Austromenopon nigropleurum phippi* Eveleigh & Threlfall, 1974

Ex *Uria lomvia* (Linnaeus, 1758)

\* *Austromenopon nigropleurum uriae* Timmermann, 1954

Ex *Uria aalge aalge* (Pontoppidan, 1763)

*Austromenopon paululum* (Kellogg & Chapman, 1899)

*Austromenopon paululum*. – Jensen, Palma & Zonfrillo 1999:

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Ex *Puffinus griseus* (Gmelin, 1789)

Ex *Puffinus puffinus* (Brünnich, 1764)

- \* ***Austromenopon pelagicum* Timmermann, 1963**  
 Ex *Hydrobates pelagicus* (Linnaeus, 1758)  
 Ex *Oceanodroma leucorhoa* (Vieillot, 1817)
- Austromenopon phaeopodis* (Schränk, 1802)**  
 “*Menopon crocatum* Nitzsch, 1818”; Waterston 1915: 39  
 Ex *Numenius phaeopus* (Linnaeus, 1758)
- \* ***Austromenopon squatarolae* Timmermann, 1954**  
 Ex *Pluvialis apricaria* (Linnaeus, 1758)
- \* ***Austromenopon transversum* (Denny, 1842)**  
 Ex *Larus argentatus* Pontoppidan, 1763  
 Ex *Larus ridibundus* Linnaeus, 1766
- \* ***Austromenopon* sp.**  
 Ex *Lymnocyptes minimus* (Brünnich, 1764)  
 Genus ***Ciconiphilus*** Bedford, 1939
- \* ***Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835)**  
 Ex *Ardea cinerea* Linnaeus, 1758
- \* ***Ciconiphilus pectiniventris* (Harrison, 1916)**  
 Ex *Anser anser anser* (Linnaeus, 1758)  
 Ex *Anser anser domesticus* (Linnaeus, 1758)  
 Ex *Branta leucopsis* (Bechstein, 1803)  
 Genus ***Colpocephalum*** Nitzsch, 1818
- \* ***Colpocephalum apivorus* Tendeiro, 1958**  
 Ex *Pernis apivorus* (Linnaeus, 1758)
- \* ***Colpocephalum fregili* Denny, 1842**  
 Ex *Corvus frugilegus* Linnaeus, 1758  
 Genus ***Dennyus*** Neumann, 1906  
 Subgenus ***Dennyus*** Neumann, 1906
- \* ***Dennyus (Dennyus) hirundinis* (Linnaeus, 1761)**  
 Ex *Apus apus* (Linnaeus, 1758)  
 Genus ***Eidmanniella*** Kéler, 1938
- \* ***Eidmanniella pellucida* (Rudow, 1869)**  
 Ex *Phalacrocorax aristotelis* (Linnaeus, 1761)  
 Ex *Larus hyperboreus* Gunnerus, 1767 STRAGGLER
- \* ***Eidmanniella pustulosa* (Nitzsch, 1866)**  
 Ex *Sula bassana* (Linnaeus, 1758)  
 Genus ***Gruimenopon*** Clay & Meinertzhagen, 1941
- \* ***Gruimenopon canadense* Edwards, 1949**  
 Ex *Grus grus* (Linnaeus, 1758) STRAGGLER
- \* ***Gruimenopon longum* (Giebel, 1874)**  
 Ex *Grus grus* (Linnaeus, 1758)  
 Genus ***Heleonomus*** Ferris, 1916
- \* ***Heleonomus macilentus* (Nitzsch [in Giebel], 1866)**  
 Ex *Grus grus* (Linnaeus, 1758)  
 Genus ***Holomenopon*** Eichler, 1941
- \* ***Holomenopon leucoxanthum* (Burmeister, 1838)**  
 Ex *Aythya fuligula* (Linnaeus, 1758)
- \* ***Holomenopon loomisii* (Kellogg, 1896)**  
 Ex *Mergus serrator* Linnaeus, 1758  
 Ex *Somateria mollissima faeroeensis* Brehm, 1831  
 Genus ***Kurodaia*** Uchida, 1926  
 Subgenus ***Kurodaia*** Uchida, 1926
- \* ***Kurodaia (Kurodaia) haliaeeti* (Denny, 1842)**  
 Ex *Pandion haliaeetus* (Linnaeus, 1758)  
 Genus ***Menacanthus*** Neumann, 1912
- \* ***Menacanthus agilis* (Nitzsch, 1866)**  
 Ex *Phylloscopus collybita* (Vieillot, 1817)  
 Ex *Phylloscopus trochilus* (Linnaeus, 1758)
- \* ***Menacanthus curuccae* (Schränk, 1776)**  
 Ex *Sylvia atricapilla* (Linnaeus, 1758)  
 Ex *Sylvia borin* (Boddaert, 1783)  
 Ex *Sylvia communis* Latham, 1787  
 Ex *Sylvia nisoria* (Bechstein, 1795)
- \* ***Menacanthus eisenachensis* Balát, 1981**  
 Ex *Acrocephalus scirpaceus* (Hermann, 1804)  
***Menacanthus eurysternus* (Burmeister, 1838)**  
*Menopon* sp.; Waterston, 1915: 41  
 Ex *Sturnus vulgaris faroensis* Feilden, 1872
- Menacanthus gonophaeus* (Burmeister, 1838) W**  
*Menopon gonophaeum* Nitzsch, 1818 [sic]; Waterston 1915: 39  
 Ex *Corvus corax varius* Brünnich, 1764
- \* ***Menacanthus pici* (Denny, 1842)**  
 Ex *Dendrocopos major* (Linnaeus, 1758)

- \* *Menacanthus pusillus* (Nitzsch, 1866)  
Ex *Anthus pratensis* (Linnaeus, 1758)
- \* *Menacanthus sinuatus* (Burmeister, 1838)  
Ex *Parus major* Linnaeus, 1758
- \* *Menacanthus stramineus* (Nitzsch, 1818)  
Ex *Gallus gallus* Linnaeus, 1758
- \* *Menacanthus tenuifrons*  
**Blagoveshtchensky, 1940**  
Ex *Troglodytes troglodytes borealis* Fischer, 1861
- \* *Menacanthus* sp.  
Ex *Emberiza schoeniclus* (Linnaeus, 1758)
- Genus *Menopon* Nitzsch, 1818
- \* *Menopon gallinae* (Linnaeus, 1758)  
Ex *Gallus gallus* Linnaeus, 1758
- Genus *Myrsidea* Waterston, 1915
- \* *Myrsidea anathorax* (Nitzsch, 1866)  
Ex *Corvus monedula spermologus* Vieillot, 1817
- Myrsidea cornicis* (de Geer, 1778)  
*Menopon mesoleucum* Nitzsch, 1818; Waterston 1915: 40  
Ex *Corvus corone cornix* Linnaeus, 1758  
Ex *Larus fuscus graellsii* Brehm, 1857 W STRAGGLER
- \* *Myrsidea isostoma* (Nitzsch, 1866)  
Ex *Corvus frugilegus* Linnaeus, 1758
- \* *Myrsidea quadrimaculata* (Carriker, 1902)  
Ex *Loxia curvirostra* Linnaeus, 1758
- \* *Myrsidea rustica* (Giebel, 1874)  
Ex *Hirundo rustica* Linnaeus, 1758
- Myrsidea troglodyti* (Denny, 1842) W  
*Menopon troglodyti* Denny, 1842; Waterston 1915: 41  
Ex *Troglodytes troglodytes borealis* Fischer, 1861
- Genus *Nosopon* Hopkins, 1949
- \* *Nosopon lucidum* (Rudow, 1869)  
Ex *Falco columbarius subaeson* Brehm, 1827
- Genus *Pseudomenopon* Mjöberg, 1910
- \* *Pseudomenopon pilosum* (Scopoli, 1763)  
Ex *Fulica atra* Linnaeus, 1758  
Ex *Gallinula chloropus* (Linnaeus, 1758)
- \* *Pseudomenopon scopulacorne* (Denny, 1842)  
Ex *Rallus aquaticus* Linnaeus, 1758
- Genus *Trinoton* Nitzsch, 1818
- \* *Trinoton anserinum* (J.C. Fabricius, 1805)  
Ex *Anser anser anser* (Linnaeus, 1758)  
Ex *Anser brachyrhynchus* Baillon, 1833  
Ex *Cygnus cygnus* (Linnaeus, 1758)
- \* *Trinoton querquedulae* (Linnaeus, 1758)  
Ex *Anas acuta* Linnaeus, 1758
- Family **RICINIDAE** Neumann, 1890
- Genus *Ricinus* de Geer, 1778
- \* *Ricinus elongatus* (Olfers, 1816)  
Ex *Bombycilla garrulus* (Linnaeus, 1758)  
Ex *Turdus merula* Linnaeus, 1758
- \* *Ricinus frenatus* (Burmeister, 1838)  
Ex *Regulus regulus* (Linnaeus, 1758)
- \* *Ricinus fringillae* de Geer, 1778  
Ex *Anthus spinoletta kleinschmidti* Hartert, 1905  
Ex *Carduelis chloris* (Linnaeus, 1758)  
Ex *Motacilla cinerea* Tunstall, 1771  
Ex *Pyrrhula pyrrhula* (Linnaeus, 1758)
- \* *Ricinus rubeculae* (Schränk, 1776)  
Ex *Erithacus rubeculae* (Linnaeus, 1758)
- \* *Ricinus thoracicus* (Packard, 1870)  
Ex *Plectrophenax nivalis* (Linnaeus, 1758)
- Suborder **ISCHNOCERA** Kellogg, 1896
- Family **PHILOPTERIDAE** Burmeister, 1838
- Genus *Anaticola* Clay, 1936
- \* *Anaticola anseris* (Linnaeus, 1758)  
Ex *Anser anser anser* (Linnaeus, 1758)  
Ex *Anser anser domesticus* (Linnaeus, 1758)  
Ex *Anser brachyrhynchus* Baillon, 1833  
Ex *Branta leucopsis* (Bechstein, 1803)
- \* *Anaticola branderi* Eichler & Hackman, 1973  
Ex *Clangula hyemalis* (Linnaeus, 1758)

- \* *Anaticola crassicornis crassicornis* (Scopoli, 1763)  
 Ex *Anas acuta* Linnaeus, 1758  
 Ex *Anas penelope* Linnaeus, 1758  
 Ex *Anas platyrhynchos domestica* Linnaeus, 1758  
 Ex *Anas platyrhynchos platyrhynchos* Linnaeus, 1758
- \* *Anaticola crassicornis rubromaculatus* (Rudow, 1869)  
 Ex *Somateria mollissima faeroeensis* Brehm, 1831
- \* *Anaticola mergiserrati* (de Geer, 1778)  
 Ex *Mergus serrator* Linnaeus, 1758
- Anaticola rheinwaldi* Eichler & Vasjukova, 1980 W  
 “*Lipeurus temporalis* Nitzsch, 1818”; Waterston 1915: 37  
 Ex *Branta bernicla bernicla* (Linnaeus, 1758)
- Genus *Anatoecus* Cummings, 1916
- \* *Anatoecus cygni* (Denny, 1842)  
 Ex *Cygnus cygnus* (Linnaeus, 1758)
- \* *Anatoecus dentatus* (Scopoli, 1763)  
 Ex *Anser brachyrhynchus* Baillon, 1833  
 Ex *Clangula hyemalis* (Linnaeus, 1758)  
 Ex *Somateria mollissima faeroeensis* Brehm, 1831
- \* *Anatoecus icterodes icterodes* (Nitzsch, 1818)  
 Ex *Anas penelope* Linnaeus, 1758  
 Ex *Anser anser anser* (Linnaeus, 1758)  
 Ex *Anser brachyrhynchus* Baillon, 1833  
 Ex *Branta leucopsis* (Bechstein, 1803)  
 Ex *Clangula hyemalis* (Linnaeus, 1758)
- \* *Anatoecus icterodes mollissimae* Kéler, 1960  
 Ex *Somateria mollissima faeroeensis* Brehm, 1831
- \* *Anatoecus* sp.  
 Ex *Anas acuta* Linnaeus, 1758
- Genus *Aquanirmus* Clay & Meinertzhagen, 1939
- \* *Aquanirmus bucomfishi* Edwards, 1965  
 Ex *Podiceps auritus* (Linnaeus, 1758)
- Genus *Ardeicola* Clay, 1936
- \* *Ardeicola expallidus* Blagoveshtchensky, 1940  
 Ex *Egretta garzetta* (Linnaeus, 1766)
- Genus *Brueelia* Kéler, 1936
- \* *Brueelia chryso-mytris* Blagoveshtchensky, 1940  
 Ex *Carduelis spinus* (Linnaeus, 1758)
- \* *Brueelia cyclothorax* (Burmeister, 1838)  
 Ex *Passer domesticus* (Linnaeus, 1758)
- \* *Brueelia domestica* (Kellogg & Chapman, 1899)  
 Ex *Hirundo rustica* Linnaeus, 1758
- \* *Brueelia gracilis* (Burmeister, 1838)  
 Ex *Delichon urbica* (Linnaeus, 1758)
- \* *Brueelia iliaci* (Denny, 1842)  
 Ex *Turdus iliacus coburni* Sharpe, 1901
- \* *Brueelia limbata* (Burmeister, 1838)  
 Ex *Loxia curvirostra* Linnaeus, 1758
- \* *Brueelia marginata* (Burmeister, 1838)  
 Ex *Turdus pilaris* Linnaeus, 1758
- \* *Brueelia merulensis* (Denny, 1842)  
 Ex *Turdus merula* Linnaeus, 1758
- \* *Brueelia munda* (Nitzsch [in Giebel], 1866)  
 Ex *Oriolus oriolus* (Linnaeus, 1758)
- \* *Brueelia nebulosa* (Burmeister, 1838)  
 Ex *Sturnus vulgaris feroensis* Feilden, 1872
- \* *Brueelia paratricapillae* Price, Hellenthal & Palma, 2003  
 Ex *Sylvia atricapilla* (Linnaeus, 1758)
- \* *Brueelia sibirica* Mey, 1982  
 Ex *Carduelis flammica* (Linnaeus, 1758)
- \* *Brueelia tristis* (Giebel, 1874)  
 Ex *Erithacus rubeculae* (Linnaeus, 1758)
- \* *Brueelia turdinulae* Ansari, 1956  
 Ex *Turdus philomelos* Brehm, 1831
- \* *Brueelia varia* (Burmeister, 1838)  
 Ex *Corvus frugilegus* Linnaeus, 1758  
 Ex *Corvus monedula spermologus* Vieillot, 1817
- Brueelia* sp. W  
 “*Nirmus varius* Nitzsch, 1818”; Waterston 1915: 34  
 Ex *Corvus corax varius* Brünnich, 1764



- \* ***Brueelia* sp.**  
Ex *Emberiza schoeniclus* (Linnaeus, 1758)
- \* ***Brueelia* sp.**  
Ex *Phylloscopus inornatus* (Blyth, 1842)
- \* ***Brueelia* sp.**  
Ex *Sylvia communis* Latham, 1787  
Genus *Campanulotes* Kéler, 1939
- \* ***Campanulotes bidentatus bidentatus* (Scopoli, 1763)**  
Ex *Columba palumbus* Linnaeus, 1758
- \* ***Campanulotes bidentatus compar* (Burmeister, 1838)**  
Ex *Columba livia* Gmelin, 1789  
Genus *Carduiceps* Clay & Meinertzhagen, 1939
- Carduiceps meinertzhageni* Timmermann, 1954**  
“*Nirmus zonarius* Nitzsch, 1818”; Waterston 1915: 34  
Ex *Calidris alpina* (Linnaeus, 1758)  
Ex *Calidris maritima* (Brünnich, 1764)  
Ex *Tringa totanus robusta* (Schiøler, 1919) STRAGGLER
- \* ***Carduiceps zonarius* (Nitzsch, 1866)**  
Ex *Calidris alba* (Pallas, 1764)  
Ex *Calidris canutus* (Linnaeus, 1758)  
Genus *Coloceras* Taschenberg, 1882
- \* ***Coloceras chinense* (Kellogg & Chapman, 1902)**  
Ex *Streptopelia decaocto* (Frivaldszky, 1838)
- \* ***Coloceras damicorne* (Nitzsch, 1866)**  
Ex *Columba livia* Gmelin, 1789  
Ex *Columba palumbus* Linnaeus, 1758  
Genus *Columbicola* Ewing, 1929
- \* ***Columbicola bacillus* (Giebel, 1866)**  
Ex *Streptopelia turtur* (Linnaeus, 1758)
- \* ***Columbicola claviformis* (Denny, 1842)**  
Ex *Columba palumbus* Linnaeus, 1758
- \* ***Columbicola columbae* (Linnaeus, 1758)**  
Ex *Columba livia* Gmelin, 1789  
Genus *Craspedonirmus* Thompson, 1940
- \* ***Craspedonirmus colymbinus* (Denny, 1842)**  
Ex *Gavia stellata* (Pontoppidan, 1763)
- \* ***Craspedonirmus immer* Emerson, 1955**  
Ex *Gavia immer* (Brünnich, 1764)  
Genus *Craspedorrhynchus* Kéler, 1938
- \* ***Craspedorrhynchus melittoscopus* (Nitzsch [in Giebel], 1874)**  
Ex *Pernis apivorus* (Linnaeus, 1758)  
Genus *Cummingsiella* Ewing, 1930
- \* ***Cummingsiella ambigua* (Burmeister, 1838)**  
Ex *Gallinago gallinago faeroeensis* (Brehm, 1831)
- \* ***Cummingsiella ovalis* (Scopoli, 1763)**  
Ex *Numenius arquata* (Linnaeus, 1758)  
Genus *Degeeriella* Neumann, 1906
- \* ***Degeeriella fulva* (Giebel, 1874)**  
Ex *Buteo lagopus sanctijohannis* (Gmelin, 1788)
- \* ***Degeeriella nisus* (Giebel, 1866)**  
Ex *Accipiter nisus* (Linnaeus, 1758)
- \* ***Degeeriella rufa* (Burmeister, 1838)**  
Ex *Falco columbarius subaeson* Brehm, 1827  
Ex *Falco rusticolus* Linnaeus, 1758  
Ex *Falco tinnunculus* Linnaeus, 1758  
Genus *Esthiopterum* Harrison, 1916
- \* ***Esthiopterum gruis* (Linnaeus, 1758)**  
Ex *Grus grus* (Linnaeus, 1758)  
Genus *Fulicoffula* Clay & Meinertzhagen, 1938
- \* ***Fulicoffula lurida* (Nitzsch, 1818)**  
Ex *Fulica atra* Linnaeus, 1758
- \* ***Fulicoffula rallina* (Denny, 1842)**  
Ex *Rallus aquaticus* Linnaeus, 1758  
Genus *Goniocotes* Burmeister, 1838
- \* ***Goniocotes gallinae* (de Geer, 1778)**  
Ex *Gallus gallus* Linnaeus, 1758  
Genus *Haffneria* Timmermann, 1966
- \* ***Haffneria grandis* (Piaget, 1880)**  
Ex *Stercorarius pomarinus* (Temminck, 1815)  
Ex *Stercorarius skua* (Brünnich, 1764)  
Genus *Halipeurus* Thompson, 1936  
Subgenus *Halipeurus* Thompson, 1936

***Halipeurus (Halipeurus) diversus* (Kellogg, 1896)**

*Halipeurus (Halipeurus) diversus*. – Jensen, Palma & Zonfrillo 1999: 72

Ex *Puffinus griseus* (Gmelin, 1789)

Ex *Puffinus puffinus* (Brünnich, 1764)

***Halipeurus (Halipeurus) gravis gravis* Timmermann, 1961**

*Halipeurus (Halipeurus) gravis gravis*. – Jensen, Palma & Zonfrillo 1999: 72

Ex *Puffinus gravis* (O'Reilly, 1818)

Ex *Puffinus griseus* (Gmelin, 1789) STRAGGLER

Subgenus *Synnautes* Thompson, 1936

**\* *Halipeurus (Synnautes) pelagicus* (Denny, 1842)**

Ex *Hydrobates pelagicus* (Linnaeus, 1758)

Ex *Oceanodroma leucorhoa* (Vieillot, 1817)

Genus *Incidifrons* Ewing, 1929

**\* *Incidifrons fulicae* (Linnaeus, 1758)**

Ex *Fulica atra* Linnaeus, 1758

Genus *Lunaceps* Clay & Meinertzhagen, 1939

**\* *Lunaceps actophilus* (Kellogg & Chapman, 1899)**

Ex *Calidris alba* (Pallas, 1764)

Ex *Calidris alpina* (Linnaeus, 1758)

**\* *Lunaceps drosti* Timmermann, 1954**

Ex *Calidris canutus* (Linnaeus, 1758)

**\* *Lunaceps nereis* Timmermann, 1954**

Ex *Calidris maritima* (Brünnich, 1764)

**\* *Lunaceps numenii numenii* (Denny, 1842)**

Ex *Numenius arquata* (Linnaeus, 1758)

***Lunaceps numenii phaeopi* (Denny, 1842)**

*Nirmus phaeopi* Denny, 1842; Waterston 1915: 33

Ex *Numenius phaeopus* (Linnaeus, 1758)

Genus *Naubates* Bedford, 1930

Subgenus *Naubates* Bedford, 1930

***Naubates (Naubates) harrisoni* Bedford, 1929**

*Naubates (Naubates) harrisoni*. – Jensen, Palma & Zonfrillo 1999: 73

Ex *Puffinus griseus* (Gmelin, 1789) STRAGGLER

Genus *Ornithobius* Denny, 1842

**\* *Ornithobius cygni* (Linnaeus, 1758)**

Ex *Cygnus cygnus* (Linnaeus, 1758)

**\* *Ornithobius hexophthalmus* (Nitzsch [in Giebel], 1861)**

Ex *Branta leucopsis* (Bechstein, 1803)

Genus *Paraclisis* Timmermann, 1965

**\* *Paraclisis diomedea* (J.C. Fabricius, 1775)**

Ex *Diomedea melanophris* Temminck, 1828

Genus *Pectinopygus* Mjöberg, 1910

***Pectinopygus bassani* (O. Fabricius, 1780)**

*Docophorus bassanae* Denny, 1842; Henriksen 1929: 2

*Pectinopygus pullatus* Nitzsch [sic]; Henriksen 1929: 6

Ex *Sula bassana* (Linnaeus, 1758)

**\* *Pectinopygus brevicornis* (Denny, 1842)**

Ex *Phalacrocorax aristotelis* (Linnaeus, 1761)

Ex *Larus hyperboreus* Gunnerus, 1767 STRAGGLER

Genus *Penenirmus* Clay & Meinertzhagen, 1938

***Penenirmus albiventris* (Scopoli, 1763)**

*Docophorus troglodytis* Waterston, 1915: 27

Ex *Troglodytes troglodytes borealis* Fischer, 1861

Ex *Erithacus rubeculae* (Linnaeus, 1758) STRAGGLER

**\* *Penenirmus auritus* (Scopoli, 1763)**

Ex *Dendrocopos major* (Linnaeus, 1758)

**\* *Penenirmus pari* (Denny, 1842)**

Ex *Parus major* Linnaeus, 1758

**\* *Penenirmus rarus* (Zlotorzyczka, 1976)**

Ex *Phylloscopus collybita* (Vieillot, 1817)

**\* *Penenirmus serrilimbus* (Burmeister, 1838)**

Ex *Jynx torquilla* Linnaeus, 1758

**\* *Penenirmus speciosus* Mey, 1982**

Ex *Sylvia curruca* (Linnaeus, 1758)

Genus *Perineus* Thompson, 1936

***Perineus nigrolimbatus* (Giebel, 1874)**

*Lipeurus mutabilis* Piaget, 1880; Waterston 1915: 36

Ex *Fulmarus glacialis* (Linnaeus, 1761)

Ex *Diomedea melanophris* Temminck, 1828 STRAGGLER

Ex *Larus hyperboreus* Gunnerus, 1767 STRAGGLER

Ex *Stercorarius skua* (Brünnich, 1764) STRAGGLER

Genus *Philopterus* Nitzsch, 1818

**\* *Philopterus atratus* Nitzsch, 1818**

Ex *Corvus frugilegus* Linnaeus, 1758



***Philopterus corvi* (Linnaeus, 1758)**

*Philopterus corvi*. – Price & Hellenthal 1998: 785  
*Docophorus semisignatus* Nitzsch, 1818 [sic]; Waterston  
 1915: 24

Ex *Corvus corax varius* Brünnich, 1764

**\* *Philopterus curvirostrae* (Schränk, 1776)**

Ex *Loxia curvirostra* Linnaeus, 1758

**\* *Philopterus erythrini* (Mey, 1982)**

Ex *Carpodacus erythrini* (Pallas, 1770)

**\* *Philopterus excisus* Nitzsch, 1818**

Ex *Delichon urbica* (Linnaeus, 1758)

**\* *Philopterus garrulae* (Piaget, 1880)**

Ex *Bombycilla garrulus* (Linnaeus, 1758)

***Philopterus guttatus* (Denny, 1842)**

*Philopterus guttatus*. – Price & Hellenthal 1998: 789  
 Ex *Corvus monedula spermologus* Vieillot,  
 1817

**\* *Philopterus hamatus* (Packard, 1870)**

Ex *Plectrophenax nivalis* (Linnaeus, 1758)

**\* *Philopterus linariae* (Piaget, 1885)**

Ex *Carduelis flammea* (Linnaeus, 1758)

***Philopterus ocellatus* (Scopoli, 1763)**

*Philopterus ocellatus*. – Price & Hellenthal 1998: 792  
*Docophorus ocellatus* Nitzsch, 1818 [sic]; Waterston 1915:  
 23

Ex *Corvus corone cornix* Linnaeus, 1758

**\* *Philopterus rapax* Zlotorzyczka, 1964**

Ex *Fringilla montifringilla* Linnaeus, 1758

**\* *Philopterus reguli* (Denny, 1842)**

Ex *Regulus regulus* (Linnaeus, 1758)

**\* *Philopterus timmermanni* (Zlotorzyczka, 1964)**

Ex *Turdus iliacus coburni* Sharpe, 1901

**\* *Philopterus turdi* (Denny, 1842)**

Ex *Turdus merula* Linnaeus, 1758

**\* *Philopterus* sp.**

Ex *Carduelis spinus* (Linnaeus, 1758)

Genus *Quadriceps* Clay & Meinertzhagen,  
 1939

**\* *Quadriceps alcae* (Denny, 1842)**

Ex *Alca torda islandica* Brehm, 1831  
 Ex *Cephus grylle faeroensis* Brehm, 1831

***Quadriceps auratus* (Haan, 1829)**

*Nirmus ochropygus* Nitzsch, 1818 [sic]; Waterston 1915: 33  
 Ex *Haematopus ostralegus* Linnaeus, 1758

**\* *Quadriceps charadrii* (Linnaeus, 1758)**

Ex *Pluvialis apricaria* (Linnaeus, 1758)

***Quadriceps fissus* (Burmeister, 1838)**

"*Nirmus hiaticulae* Denny, 1842"; Waterston 1915: 33  
 Ex *Charadrius hiaticula* Linnaeus, 1758

**\* *Quadriceps helgovauki* (Timmermann, 1974)**

Ex *Fratercula arctica grabae* Brehm, 1831

***Quadriceps hiaticulae* (O. Fabricius, 1780)**

*Nirmus* sp.; Waterston, 1915: 35  
 Ex *Charadrius hiaticula* Linnaeus, 1758

**\* *Quadriceps houri* Hopkins, 1949**

Ex *Sterna paradisaea* Pontoppidan, 1763

**\* *Quadriceps junceus* (Scopoli, 1763)**

Ex *Vanellus vanellus* (Linnaeus, 1758)

**\* *Quadriceps klatti* Timmermann, 1954**

Ex *Alle alle* (Linnaeus, 1758)  
 Ex *Larus glaucoides* Meyer, 1822 STRAGGLER

**\* *Quadriceps normifer normifer* (Grube, 1851)**

Ex *Stercorarius parasiticus* (Linnaeus, 1758)  
 Ex *Pandion haliaeetus* (Linnaeus, 1758) STRAGGLER

**\* *Quadriceps normifer parvopallidus* (Eichler, 1951)**

Ex *Stercorarius longicaudus* Vieillot, 1819

**\* *Quadriceps normifer stellaepolaris* Timmermann, 1952**

Ex *Stercorarius pomarinus* (Temminck, 1815)

***Quadriceps obliquus* (Mjöberg, 1910)**

*Nirmus obliquus* Mjöberg, 1910; Henriksen 1929: 4  
 Ex *Uria aalge aalge* (Pontoppidan, 1763)  
 Ex *Uria lomvia* (Linnaeus, 1758)

**\* *Quadriceps obtusus* (Kellogg & Kuwana, 1902)**

Ex *Tringa totanus robusta* (Schjølter, 1919)

**\* *Quadriceps ornatus ornatus* (Grube, 1851)**

Ex *Larus canus* Linnaeus, 1758  
 Ex *Larus fuscus graellsii* Brehm, 1857

- \* *Quadriceps ornatus paulschulzei* (Timmermann, 1949)  
Ex *Pagophila eburnea* (Phipps, 1774)  
Ex *Rissa tridactyla* (Linnaeus, 1758)
- \* *Quadriceps ornatus striolatus* (Nitzsch [in Giebel], 1866)  
Ex *Larus argentatus* Pontoppidan, 1763  
Ex *Larus glaucoides* Meyer, 1822  
Ex *Larus hyperboreus* Gunnerus, 1767  
Ex *Larus marinus* Linnaeus, 1758
- \* *Quadriceps punctatus punctatus* (Burmeister, 1838)  
Ex *Larus ridibundus* Linnaeus, 1766
- \* *Quadriceps punctatus regressus* Timmermann, 1952  
Ex *Larus argentatus* Pontoppidan, 1763  
Ex *Larus fuscus graellsii* Brehm, 1857
- \* *Quadriceps strepsilaris* (Denny, 1842)  
Ex *Arenaria interpres* (Linnaeus, 1758)
- \* *Quadriceps* sp.  
Ex *Pagophila eburnea* (Phipps, 1774)  
Genus *Rallicola* Johnston & Harrison, 1911  
Subgenus *Rallicola* Johnston & Harrison, 1911
- \* *Rallicola (Rallicola) cuspidatus* (Scopoli, 1763)  
Ex *Rallus aquaticus* Linnaeus, 1758
- \* *Rallicola (Rallicola) fulicae* (Denny, 1842)  
Ex *Fulica atra* Linnaeus, 1758
- \* *Rallicola (Rallicola) minutus* (Nitzsch [in Giebel], 1866)  
Ex *Gallinula chloropus* (Linnaeus, 1758)  
Genus *Rhynonirmus* Thompson, 1935
- \* *Rhynonirmus scolopacis* (Denny, 1842)  
Ex *Gallinago gallinago faeroeensis* (Brehm, 1831)  
Genus *Saemundssonina* Timmermann, 1936  
Subgenus *Saemundssonina* Timmermann, 1936
- Saemundssonina (Saemundssonina) calva* (Kelllogg, 1896)  
*Saemundssonina (Saemundssonina) calva*. – Price, Palma & Clayton 2003: 922  
Ex *Uria aalge aalge* (Pontoppidan, 1763)
- Ex *Uria lomvia* (Linnaeus, 1758)  
Ex *Fratercula arctica grabae* Brehm, 1831 STRAGGLER
- \* *Saemundssonina (Saemundssonina) celidoxa* (Burmeister, 1838)  
Ex *Alca torda islandica* Brehm, 1831
- \* *Saemundssonina (Saemundssonina) cephalus* (Denny, 1842)  
Ex *Stercorarius parasiticus* (Linnaeus, 1758)
- \* *Saemundssonina (Saemundssonina) conica conica* (Denny, 1842)  
Ex *Falco columbarius subaesalon* Brehm, 1827  
STRAGGLER
- \* *Saemundssonina (Saemundssonina) euryrhyncha* (Giebel, 1874)  
Ex *Stercorarius pomarinus* (Temminck, 1815)  
Ex *Stercorarius skua* (Brünnich, 1764)
- Saemundssonina (Saemundssonina) fraterculae* (Overgaard, 1942)  
*Saemundssonina (Saemundssonina) fraterculae*. – Price, Palma & Clayton 2003: 919  
Ex *Fratercula arctica grabae* Brehm, 1831
- Saemundssonina (Saemundssonina) grylle* (O. Fabricius, 1780)  
*Saemundssonina (Saemundssonina) grylle*. – Price, Palma & Clayton 2003: 920  
Ex *Cephus grylle faeroeensis* Brehm, 1831
- Saemundssonina (Saemundssonina) haematopi* (Linnaeus, 1758)  
“*Docophorus ostralegi* Denny, 1842”; Waterston 1915: 24  
Ex *Haematopus ostralegus* Linnaeus, 1758
- \* *Saemundssonina (Saemundssonina) inexpectata* Timmermann, 1951  
Ex *Stercorarius longicaudus* Vieillot, 1819
- Saemundssonina (Saemundssonina) lari* (O. Fabricius, 1780)  
*Docophorus lari* Denny, 1842 [sic]; Waterston 1915: 23  
Ex *Larus argentatus* Pontoppidan, 1763  
Ex *Larus canus* Linnaeus, 1758  
Ex *Larus fuscus graellsii* Brehm, 1857  
Ex *Larus glaucoides* Meyer, 1822  
Ex *Larus glaucoides kumlieni* Brewster, 1883  
Ex *Larus hyperboreus* Gunnerus, 1767  
Ex *Larus marinus* Linnaeus, 1758  
Ex *Larus ridibundus* Linnaeus, 1766  
Ex *Pagophila eburnea* (Phipps, 1774)  
Ex *Rissa tridactyla* (Linnaeus, 1758)  
Ex *Numenius phaeopus* (Linnaeus, 1758) W STRAGGLER

\* *Saemundssonina (Saemundssonina) lockleyi*  
**Clay, 1949**

Ex *Sterna paradisaea* Pontoppidan, 1763

*Saemundssonina (Saemundssonina) merguli*  
**(Denny, 1842)**

*Saemundssonina (Saemundssonina) merguli*. – Price, Palma & Clayton 2003: 919

Ex *Alle alle* (Linnaeus, 1758)

*Saemundssonina (Saemundssonina) occidentalis*  
**(Kellogg, 1896)**

*Docophorus occidentalis* Kellogg, 1896; Waterston 1915: 23

Ex *Fulmarus glacialis* (Linnaeus, 1761)

Ex *Larus hyperboreus* Gunnerus, 1767 STRAGGLER

Ex *Pagophila eburnea* (Phipps, 1774) STRAGGLER

*Saemundssonina (Saemundssonina) scolopaci-sphaeopodis scolopacisphaeopodis* (Schrank, 1803)

“*Docophorus humeralis* Denny, 1842”; Waterston 1915: 21

Ex *Numenius phaeopus* (Linnaeus, 1758)

\* *Saemundssonina (Saemundssonina) thalassidromae incisa* Timmermann, 1950

Ex *Oceanodroma leucorhoa* (Vieillot, 1817)

\* *Saemundssonina (Saemundssonina) thalassidromae thalassidromae* (Denny, 1842)

Ex *Hydrobates pelagicus* (Linnaeus, 1758)

*Saemundssonina (Saemundssonina) tringae tringae* (O. Fabricius, 1780)

*Docophorus fusiformis* Denny, 1842; Waterston 1915: 21

Ex *Calidris maritima* (Brünnich, 1764)

Subgenus *Puffinoecus* Eichler, 1949

*Saemundssonina (Puffinoecus) peusi* (Eichler, 1949)

*Saemundssonina (Puffinoecus) peusi*. – Jensen, Palma & Zonfrillo 1999: 73

Ex *Puffinus griseus* (Gmelin, 1789) STRAGGLER

Genus *Strigiphilus* Mjöberg, 1910

\* *Strigiphilus ceblebrachys* (Denny, 1842)

Ex *Falco rusticolus* Linnaeus, 1758 STRAGGLER

\* *Strigiphilus cursor* (Burmeister, 1838)

Ex *Asio flammeus* (Pontoppidan, 1763)

Genus *Sturnidoecus* Eichler, 1944

*Sturnidoecus sturni* (Schrank, 1776)

*Docophorus leontodon* Nitzsch, 1818; Waterston 1915: 23

Ex *Sturnus vulgaris faroensis* Feilden, 1872

Ex *Falco columbarius subaesaalon* Brehm, 1827

STRAGGLER

Genus *Trabeculus* Rudow, 1866

\* *Trabeculus aviator* (Evans, 1912)

Ex *Puffinus puffinus* (Brünnich, 1764)

*Trabeculus hexakon* (Waterston, 1914)

*Trabeculus hexakon*. – Jensen, Palma & Zonfrillo 1999: 72

Ex *Puffinus gravis* (O’Reilly, 1818)

Ex *Puffinus griseus* (Gmelin, 1789)

Genus *Upupicola* Clay & Meinertzhagen, 1939

\* *Upupicola upupae* (Schrank, 1803)

Ex *Upupa epops* Linnaeus, 1758

Family **TRICHODECTIDAE** Kellogg, 1896

Genus *Bovicola* Ewing, 1929

Subgenus *Bovicola* Ewing, 1929

\* *Bovicola (Bovicola) bovis* (Linnaeus, 1758)

Cattle biting louse

Ex *Bos taurus* Linnaeus, 1758

*Bovicola (Bovicola) ovis* (Schrank, 1781)

Sheep body louse

*Trichodectes sphaerocephalus* Nitzsch [sic]; Henriksen 1929: 1

Ex *Ovis aries* Linnaeus, 1758

Subgenus *Werneckiella* Eichler, 1940

\* *Bovicola (Werneckiella) equi* (Denny, 1842)

Horse biting louse

Ex *Equus caballus* Linnaeus, 1758

Genus *Trichodectes* Nitzsch, 1818

\* *Trichodectes canis* (de Geer, 1778)

Dog chewing louse

Ex *Canis familiaris* Linnaeus, 1758

Suborder **ANOPLURA** Leach, 1815

Family **LINOGNATHIDAE** Webb, 1846

Genus *Linognathus* Enderlein, 1905

\* *Linognathus setosus* (Olfers, 1816)

Dog sucking louse

Ex *Canis familiaris* Linnaeus, 1758

Family **PEDICULIDAE** Leach, 1817

Genus *Pediculus* Linnaeus, 1758

***Pediculus humanus capitis* de Geer, 1778**

Human head louse

*Pediculus capitis* Nitzsch [sic]; Henriksen 1929: 8Ex *Homo sapiens* Linnaeus, 1758Family **PTHIRIDAE** Ewing, 1929Genus ***Pthirus*** Leach, 1815*Pthirus pubis* (Linnaeus, 1758)

Human pubic louse

*Pthirus* [sic] *pubis* Linné; Henriksen 1929: 9Ex *Homo sapiens* Linnaeus, 1758LIST OF HOST-LOUSE ASSOCIATIONS  
IN THE FAROE ISLANDS

## AVES

## Order GAVIIFORMES

Family GAVIIDAE (divers)

***Gavia stellata* (Pontoppidan, 1763)**

Red-throated Diver – Breeding, vagrant (3: dead)

☒\* *Craspedonirmus colymbinus* (Denny, 1842)***Gavia immer* (Brünnich, 1764)**

Great Northern Diver – Vagrant (5: dead)

☒\* *Craspedonirmus immer* Emerson, 1955

## Order PODICIPEDIFORMES

Family PODICIPEDIDAE (grebes)

***Podiceps auritus* (Linnaeus, 1758)**

Slavonian Grebe – Breeding, vagrant (1: dead)

☒\* *Aquanirmus bucomfishi* Edwards, 1965

## Order PROCELLARIIFORMES

Family DIOMEDEIDAE (albatrosses)

***Diomedea melanophris* Temminck, 1828**

Black-browed Albatross – Vagrant (2: skin, dead)

☒\* *Paraclisis diomedae* (J.C. Fabricius, 1775)☒ *Perineus nigrolimbatus* (Giebel, 1874) (F) STRAGGLER (from *Fulmarus glacialis*)

Family PROCELLARIIDAE (petrels)

***Fulmarus glacialis* (Linnaeus, 1761)**

Fulmar – Breeding (249: dead)

☒ *Ancistrona vagelli* (J.C. Fabricius, 1787)☒ *Austromenopon brevifimbriatum* (Piaget, 1880)☒ *Perineus nigrolimbatus* (Giebel, 1874)☒ *Saemundssonina* (*Saemundssonina*)*occidentalis* (Kellogg, 1896)***Puffinus gravis* (O'Reilly, 1818)**

Great Shearwater – Vagrant (1: dead)

☒\* *Halipeurus* (*Halipeurus*) *gravis gravis* Timmermann, 1961☒\* *Trabeculus hexakon* (Waterston, 1914)***Puffinus griseus* (Gmelin, 1789)**

Sooty Shearwater – Vagrant (41: dead)

☒ *Ancistrona vagelli* (J.C. Fabricius, 1787) (F)☒ *Austromenopon paululum* (Kellogg & Chapman, 1899)☒ *Halipeurus* (*Halipeurus*) *diversus* (Kellogg, 1896)☒ *Trabeculus hexakon* (Waterston, 1914)☒ *Halipeurus* (*Halipeurus*) *gravis gravis* Timmermann, 1961 STRAGGLER (from *Puffinus gravis*)☒ *Naubates* (*Naubates*) *harrisoni* Bedford, 1930 (F) (N) STRAGGLERS (from *Puffinus gravis*)☒ *Saemundssonina* (*Puffinoecus*) *peusi* (Eichler, 1949) STRAGGLER***Puffinus puffinus* (Brünnich, 1764)**

Manx Shearwater – Breeding (17: alive, dead)

☒\* *Austromenopon paululum* (Kellogg & Chapman, 1899)☒\* *Halipeurus* (*Halipeurus*) *diversus* (Kellogg, 1896)☒\* *Trabeculus aviator* (Evans, 1912)

Family HYDROBATIDAE (storm petrels)

***Hydrobates pelagicus* (Linnaeus, 1758)**

Storm Petrel – Breeding (88: alive)

☒\* *Austromenopon pelagicum* Timmermann, 1963☒\* *Halipeurus* (*Synnautes*) *pelagicus* (Denny, 1842)☒\* *Saemundssonina* (*Saemundssonina*) *thalassidromae thalassidromae* (Denny, 1842)***Oceanodroma leucorhoa* (Vieillot, 1817)**

Leach's Storm Petrel – Breeding (17: alive)

- ☐\* *Austromenopon pelagicum* Timmermann, 1963
- ☐\* *Halipeurus (Synnautes) pelagicus* (Denny, 1842)
- ☐\* *Saemundssonina (Saemundssonina) thalassidromae incisa* Timmermann, 1950

## Order PELECANIFORMES

Family SULIDAE (gannets, boobies)

***Sula bassana* (Linnaeus, 1758)**

Gannet – Breeding (16: dead)

- ☐\* *Eidmanniella pustulosa* (Nitzsch, 1866)
- ☐ *Pectinopygus bassani* (O. Fabricius, 1780)

## Family PHALACROCORACIDAE

***Phalacrocorax aristotelis* (Linnaeus, 1761)**

Shag – Breeding (42: dead)

- ☐\* *Eidmanniella pellucida* (Rudow, 1869)
- ☐\* *Pectinopygus brevicornis* (Denny, 1842)

## Order CICONIIFORMES

Family ARDEIDAE (bitterns, herons)

***Egretta garzetta* (Linnaeus, 1766)**

Little Egret – Vagrant (2: dead)

- ☐\* *Ardeicola expallidus* Blagoveshtchensky, 1940

***Ardea cinerea* Linnaeus, 1758**

Grey Heron – Vagrant (1: dead)

- ☐\* *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835)

## Order ANSERIFORMES

Family ANATIDAE (ducks, swans, geese)

Subfamily Anserinae (swans, true geese)

***Cygnus cygnus* (Linnaeus, 1758)**

Whooper Swan – Vagrant (7: dead)

- ☐\* *Anatoecus cygni* (Denny, 1842)
- ☐\* *Ornithobius cygni* (Linnaeus, 1758)
- ☐\* *Trinoton anserinum* (J.C. Fabricius, 1805)

***Anser brachyrhynchus* Baillon, 1833**

Pink-footed Goose – Vagrant (1: dead)

- ☐\* *Anaticola anseris* (Linnaeus, 1758)
- ☐\* *Anatoecus dentatus* (Scopoli, 1763)
- ☐\* *Anatoecus icterodes icterodes* (Nitzsch, 1818)
- ☐\* *Trinoton anserinum* (J.C. Fabricius, 1805)

***Anser anser anser* (Linnaeus, 1758)**

Greylag Goose – Breeding, vagrant (9: dead)

- ☐\* *Anaticola anseris* (Linnaeus, 1758)
- ☐\* *Anatoecus icterodes icterodes* (Nitzsch, 1818)
- ☐\* *Ciconiphilus pectiniventris* (Harrison, 1916)
- ☐\* *Trinoton anserinum* (J.C. Fabricius, 1805)

***Anser anser domesticus* (Linnaeus, 1758)**

Domestic goose – Breeding (5: dead)

- ☐\* *Anaticola anseris* (Linnaeus, 1758)
- ☐\* *Ciconiphilus pectiniventris* (Harrison, 1916)

***Branta leucopsis* (Bechstein, 1803)**

Barnacle Goose – Breeding, vagrant (4: dead)

- ☐\* *Anaticola anseris* (Linnaeus, 1758)
- ☐\* *Anatoecus icterodes icterodes* (Nitzsch, 1818)
- ☐\* *Ciconiphilus pectiniventris* (Harrison, 1916)
- ☐\* *Ornithobius hexophthalmus* (Nitzsch [in Giebel], 1861)

***Branta bernicla bernicla* (Linnaeus, 1758)**

Brent Goose – Vagrant (1: dead)

*Anaticola reinwaldi* Eichler & Vasjukova, 1980 **W**

Subfamily Anatinae (ducks)

Tribe Anatini (dabbling ducks)

***Anas penelope* Linnaeus, 1758**

European Wigeon – Breeding, vagrant (2: dead)

- ☐\* *Anaticola crassicornis crassicornis* (Scopoli, 1763)
- ☐\* *Anatoecus icterodes icterodes* (Nitzsch, 1818)

***Anas platyrhynchos platyrhynchos* Linnaeus, 1758**

Mallard – Breeding (9: dead)

- ☐\* *Anaticola crassicornis crassicornis* (Scopoli, 1763)

***Anas platyrhynchos domestica* Linnaeus, 1758**

Domestic duck – Breeding (2: dead)

☐\* *Anaticola crassicornis crassicornis* (Scopoli, 1763)

***Anas acuta* Linnaeus, 1758**

Pintail – Breeding, vagrant (3: dead)

☐\* *Anaticola crassicornis crassicornis* (Scopoli, 1763)

☐\* *Anatoecus* sp. (F)

☐\* *Trinoton querquedulae* (Linnaeus, 1758)

Tribe **Aythiini** (pochards)

***Aythya fuligula* (Linnaeus, 1758)**

Tufted duck – Breeding, vagrant (3: dead)

☐\* *Holomenopon leucoxanthum* (Burmeister, 1838)

Tribe **Somateriini** (eiders)

***Somateria mollissima faeroeensis* Brehm, 1831**

Eider – Breeding (84: dead)

☐\* *Anaticola crassicornis rubromaculatus* (Rudow, 1869)

☐\* *Anatoecus dentatus* (Scopoli, 1763)

☐\* *Anatoecus icterodes mollissimae* Kéler, 1960

☐\* *Holomenopon loomisii* (Kellogg, 1896)

Tribe **Mergini** (scoters, sawbills, mergansers)

***Clangula hyemalis* (Linnaeus, 1758)**

Long-tailed Duck – Vagrant (9: dead)

☐\* *Anaticola branderi* Eichler & Hackman, 1973

☐\* *Anatoecus dentatus* (Scopoli, 1763)

☐\* *Anatoecus icterodes icterodes* (Nitzsch, 1818)

***Mergus serrator* Linnaeus, 1758**

Red-breasted Merganser – Breeding (3: dead)

☐\* *Anaticola mergiserrati* (de Geer, 1778)

☐\* *Holomenopon loomisii* (Kellogg, 1896)

Order **ACCIPITRIFORMES**

Family **ACCIPITRIDAE** (hawks & eagles)

***Pernis apivorus* (Linnaeus, 1758)**

Honey buzzard – Vagrant (3: dead)

☐\* *Colpocephalum apivorus* Tendeiro, 1958

☐\* *Craspedorrhynchus melittoscopus* (Nitzsch [in Giebel], 1874)

***Accipiter nisus* (Linnaeus, 1758)**

Sparrowhawk – Vagrant (2: dead)

☐\* *Degeeriella nisus* (Giebel, 1866)

***Buteo lagopus sanctijohannis* (Gmelin, 1788)**

Rough-legged Buzzard – Vagrant (1: dead)

☐\* *Degeeriella fulva* (Giebel, 1874)

Family **PANDIONIDAE** (ospreys)

***Pandion haliaeetus* (Linnaeus, 1758)**

Osprey – Vagrant (1: dead)

☐\* *Kurodaia (Kurodaia) haliaeeti* (Denny, 1842)

☐ *Quadriceps normifer normifer* (Grube, 1851)  
STRAGGLER (from *Stercorarius parasiticus*)

Order **FALCONIFORMES**

Family **FALCONIDAE** (falcons & allies)

***Falco tinnunculus* Linnaeus, 1758**

Kestrel – Vagrant (5: dead)

☐\* *Degeeriella rufa* (Burmeister, 1838)

***Falco columbarius subaesalon* Brehm, 1827**

Merlin – Breeding, vagrant (9: dead)

☐\* *Degeeriella rufa* (Burmeister, 1838)

☐\* *Nosopon lucidum* (Rudow, 1869)

☐ *Saemundssonina (Saemundssonina) conica conica* (Denny, 1842) STRAGGLER (from *Phuvisialis* sp.)

☐ *Sturmidoecus sturni* (Schränk, 1776) STRAGGLER (from *Sturnus vulgaris*)

***Falco rusticolus* Linnaeus, 1758**

Gyrfalcon – Vagrant (1: dead)

☐\* *Degeeriella rufa* (Burmeister, 1838)

☐ *Strigiphilus ceblebrachys* (Denny, 1842) STRAGGLER (from *Nyctea scandiaca*)

Order **GALLIFORMES**

Family **PHASIANIDAE**

(partridges, quails, pheasants & allies)

***Gallus gallus* Linnaeus, 1758**

Domestic Chicken – Breeding (15: dead)

☐\* *Goniocotes gallinae* (De Geer, 1778)

☐\* *Menacanthus stramineus* (Nitzsch, 1818)

☐\* *Menopon gallinae* (Linnaeus, 1758)

Order **GRUIFORMES**

Family **RALLIDAE**

(rails)



***Rallus aquaticus* Linnaeus, 1758**

Water Rail – Vagrant (6: dead)

- ☒\* *Fulicoffula rallina* (Denny, 1842)
- ☒\* *Pseudomenopon scopulacorne* (Denny, 1842)
- ☒\* *Rallicola (Rallicola) cuspidatus* (Scopoli, 1763)

***Gallinula chloropus* (Linnaeus, 1758)**

Moorhen – Vagrant (2: dead)

- ☒\* *Pseudomenopon pilosum* (Scopoli, 1763)
- ☒\* *Rallicola (Rallicola) minutus* (Nitzsch [in Giebel], 1866)

***Fulica atra* Linnaeus, 1758**

Coot – Vagrant (4: dead)

- ☒\* *Fulicoffula lurida* (Nitzsch, 1818)
- ☒\* *Incidifrons fulicae* (Linnaeus, 1758)
- ☒\* *Laemobothrion (Eulaemobothrion) atrum* (Nitzsch, 1818) (N)
- ☒\* *Pseudomenopon pilosum* (Scopoli, 1763)
- ☒\* *Rallicola (Rallicola) fulicae* (Denny, 1842)

Family **GRUIDAE** (cranes)***Grus grus* (Linnaeus, 1758)**

Crane – Vagrant (1: dead)

- ☒\* *Esthiopterum gruis* (Linnaeus, 1758)
- ☒\* *Gruimenopon longum* (Giebel, 1874)
- ☒\* *Heleonomus macilentus* (Nitzsch [in Giebel], 1866)

*Gruimenopon canadense* Edwards, 1949 STRAGGLER (from *Grus canadensis* (Linnaeus, 1758))Order **CHARADRIIFORMES**Family **HAEMATOPODIDAE** (oystercatchers)***Haematopus ostralegus* Linnaeus, 1758**

Oystercatcher – Breeding, vagrant (39: dead)

- ☒ *Actornithophilus grandiceps* (Piaget, 1880)
- ☒ *Austromenopon haematopi* Timmermann, 1954
- ☒ *Quadriceps auratus* (Haan, 1829)
- ☒ *Saemundssonina (Saemundssonina) haematopi* (Linnaeus, 1758)

Family **CHARADRIIDAE** (plovers, lapwings)***Charadrius hiaticula* Linnaeus, 1758**

Ringed Plover – Breeding (5: dead)

- ☒ *Actornithophilus ochraceus* (Nitzsch, 1818)
- ☒ *Quadriceps fissus* (Burmeister, 1838)
- ☒ *Quadriceps hiaticulae* (O. Fabricius, 1780)

***Pluvialis apricaria* (Linnaeus, 1758)**

Golden Plover – Breeding, vagrant (3: dead)

- ☒\* *Austromenopon squatarolae* Timmermann, 1954
- ☒\* *Quadriceps charadrii* (Linnaeus, 1758)

***Vanellus vanellus* (Linnaeus, 1758)**

Lapwing – Breeding, vagrant (1: dead)

- ☒\* *Actornithophilus gracilis* (Piaget, 1880)
- ☒\* *Quadriceps junceus* (Scopoli, 1763)

Family **SCOLOPACIDAE**

(sandpipers, snipes, curlews &amp; allies)

Subfamily **Calidridinae**

(Arctic sandpipers &amp; allies)

***Calidris canutus* (Linnaeus, 1758)**

Knot – Vagrant (4: dead)

- ☒\* *Actornithophilus umbrinus* (Burmeister, 1838)
- ☒\* *Austromenopon lutescens lutescens* (Burmeister, 1838)
- ☒\* *Carduiceps zonarius* (Nitzsch, 1866)
- ☒\* *Luniceps drosti* Timmermann, 1954

***Calidris alba* (Pallas, 1764)**

Sanderling – Vagrant (2: dead)

- ☒\* *Austromenopon lutescens lutescens* (Burmeister, 1838)
- ☒\* *Carduiceps zonarius* (Nitzsch, 1866)
- ☒\* *Luniceps actophilus* (Kellogg & Chapman, 1899)

***Calidris maritima* (Brünnich, 1764)**

Purple Sandpiper – Breeding, vagrant (8: dead)

*Actornithophilus umbrinus* (Burmeister, 1838)**W**

- ☒\* *Austromenopon lutescens erilis* Zlotorzyska, 1968
- ☒ *Carduiceps meinertzhageni* Timmermann, 1954
- ☒\* *Luniceps nereis* Timmermann, 1954
- ☒ *Saemundssonina (Saemundssonina) tringae tringae* (O. Fabricius, 1780)

***Calidris alpina* (Linnaeus, 1758)**

Dunlin – Breeding, vagrant (2: dead)

- ☐\* *Actornithophilus umbrinus* (Burmeister, 1838)
- ☐\* *Carduiceps meinertzhageni* Timmermann, 1954
- ☐\* *Lunaceps actophilus* (Kellogg & Chapman, 1899)

#### Subfamily Gallinaginae

(snipes & dowitchers)

#### *Lymnocyptes minimus* (Brünnich, 1764)

Jack Snipe – Vagrant (5: dead)

- ☐\* *Actornithophilus multisetosus* Blagoveshchensky, 1940
- ☐\* *Austromenopon* sp.

#### *Gallinago gallinago faeroeensis* (Brehm, 1831)

Snipe – Breeding (9: dead)

- ☐\* *Cummingsiella ambigua* (Burmeister, 1838)
- ☐\* *Rhynonirmus scolopacis* (Denny, 1842)

#### Subfamily Tringinae

(godwits, curlews & sandpipers)

#### *Numenius phaeopus* (Linnaeus, 1758)

Whimbrel – Breeding, vagrant (5: dead)

- ☐ *Austromenopon phaeopodis* (Schränk, 1802)
- ☐ *Lunaceps numenii phaeopi* (Denny, 1842)
- ☐ *Saemundssonina* (*Saemundssonina*) *scolopacisphaeopodis scolopacisphaeopodis* (Schränk, 1803)

*Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)  
W STRAGGLER (from *Larus* sp.)

#### *Numenius arquata* (Linnaeus, 1758)

Curlew – Breeding, vagrant (2: dead)

- ☐\* *Actornithophilus patellatus* (Piaget, 1890)
- ☐\* *Cummingsiella ovalis* (Scopoli, 1763)
- ☐\* *Lunaceps numenii numenii* (Denny, 1842)

#### *Tringa totanus robusta* (Schiøler, 1919)

Redshank – Breeding, vagrant (5: dead)

- ☐\* *Actornithophilus totani* (Schränk, 1803)
- ☐\* *Austromenopon decorosum* Zlotorzycza, 1968 (F)
- ☐\* *Quadriceps obtusus* (Kellogg & Kuwana, 1902)
- ☐ *Carduiceps meinertzhageni* Timmermann, 1954 STRAGGLER (from *Calidris* sp.)

#### Subfamily Arenariinae

(turnstones)

#### *Arenaria interpres* (Linnaeus, 1758)

Turnstone – Vagrant (9: alive, dead)

- ☐\* *Actornithophilus bicolor* (Piaget, 1880)
- ☐\* *Austromenopon lutescens lutescens* (Burmeister, 1838)
- ☐\* *Quadriceps strepsilaris* (Denny, 1842)

#### Family STERCORARIIDAE

(skuas)

#### *Stercorarius pomarinus* (Temminck, 1815)

Pomarine Skua – Vagrant (4: dead)

- ☐\* *Haffneria grandis* (Piaget, 1880)
- ☐\* *Quadriceps normifer stellaepolaris* Timmermann, 1952
- ☐\* *Saemundssonina* (*Saemundssonina*) *euryrhyncha* (Giebel, 1874)

#### *Stercorarius parasiticus* (Linnaeus, 1758)

Arctic Skua – Breeding (20: dead)

- ☐\* *Austromenopon fuscofasciatum* (Piaget, 1880)
- ☐\* *Quadriceps normifer normifer* (Grube, 1851)
- ☐\* *Saemundssonina* (*Saemundssonina*) *cephalus* (Denny, 1842)

#### *Stercorarius longicaudus* Vieillot, 1819

Long-tailed Skua – Vagrant (1: dead)

- ☐\* *Quadriceps normifer parvopallidus* (Eichler, 1951)
- ☐\* *Saemundssonina* (*Saemundssonina*) *inexpectata* Timmermann, 1951

#### *Stercorarius skua* (Brünnich, 1764)

Great Skua – Breeding (19: dead)

- ☐\* *Haffneria grandis* (Piaget, 1880)
- ☐\* *Saemundssonina* (*Saemundssonina*) *euryrhyncha* (Giebel, 1874)
- ☐ *Austromenopon brevifimbriatum* (Piaget, 1880) STRAGGLER (from *Fulmarus glacialis*)
- ☐ *Perineus nigrolimbatus* (Giebel, 1874) (F) STRAGGLER (from *Fulmarus glacialis*)

#### Family LARIDAE

(gulls)

#### *Larus ridibundus* Linnaeus, 1766

Black-headed Gull – Breeding (3: dead)

- ☐\* *Austromenopon transversum* (Denny, 1842)
- ☐\* *Quadriceps punctatus punctatus* (Burmeister, 1838)
- ☐\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)

#### *Larus canus* Linnaeus, 1758

Common Gull – Breeding (4: dead)

- ☒\* *Quadriceps ornatus ornatus* (Grube, 1851)
- ☒\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)

***Larus fuscus graellsii* Brehm, 1857**

Lesser Black-backed Gull – Breeding (11: dead)

- ☒\* *Quadriceps ornatus ornatus* (Grube, 1851)
- ☒\* *Quadriceps punctatus regressus* Timmermann, 1952

☒ *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)

*Myrsidea cornicis* (De Geer, 1778) W STRAGGLER (from *Corvus corone cornix*)

***Larus argentatus* Pontoppidan, 1763**

Herring Gull – Breeding (27: dead)

- ☒\* *Austromenopon transversum* (Denny, 1842)
- ☒\* *Quadriceps ornatus striolatus* (Nitzsch [in Giebel], 1866)
- ☒\* *Quadriceps punctatus regressus* Timmermann, 1952
- ☒\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)

***Larus glaucooides* Meyer, 1822**

Iceland Gull – Vagrant (9: dead)

- ☒\* *Quadriceps ornatus striolatus* (Nitzsch [in Giebel], 1866)
- ☒\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)
- ☒ *Austromenopon merguli* Timmermann, 1954 STRAGGLER (from *Alle alle*)
- ☒ *Quadriceps klatti* (Timmermann, 1954) (F) STRAGGLER (from *Alle alle*)

***Larus glaucooides kumlieni* Brewster, 1883**

Kumlien gull – Vagrant (1: skin)

- ☒\* *Quadriceps ornatus striolatus* (Nitzsch [in Giebel], 1866) (F)

***Larus hyperboreus* Gunnerus, 1767**

Glaucous Gull – Vagrant (14: dead)

- ☒\* *Quadriceps ornatus striolatus* (Nitzsch [in Giebel], 1866)
- ☒\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)
- ☒ *Eidmanniella pellucida* (Rudow, 1869) STRAGGLER (from *Phalacrocorax aristotelis*)
- ☒ *Pectinopygus brevicornis* (Denny, 1842) (F) STRAGGLER (from *Phalacrocorax aristotelis*)
- ☒ *Perineus nigrolimbatus* (Giebel, 1874) STRAGGLER (from *Fulmarus glacialis*)
- ☒ *Saemundssonina* (*Saemundssonina*) *occidentalis* (Kellogg, 1896) STRAGGLER (from *Fulmarus glacialis*)

***Larus marinus* Linnaeus, 1758**

Great Black-backed Gull – Breeding, vagrant (24: dead)

- ☒\* *Quadriceps ornatus striolatus* (Nitzsch [in Giebel], 1866)
- ☒\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)
- ☒ *Austromenopon brevifimbriatum* (Piaget, 1880) STRAGGLER (from *Fulmarus glacialis*)

***Rissa tridactyla* (Linnaeus, 1758)**

Kittiwake – Breeding, vagrant (71: dead)

- ☒\* *Quadriceps ornatus paulschulzei* Timmermann, 1949
- ☒\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)

***Pagophila eburnea* (Phipps, 1774)**

Ivory gull – Vagrant (1: dead)

- ☒\* *Quadriceps* sp.
- ☒\* *Quadriceps ornatus paulschulzei* Timmermann, 1949
- ☒\* *Saemundssonina* (*Saemundssonina*) *lari* (O. Fabricius, 1780)
- ☒ *Saemundssonina* (*Saemundssonina*) *occidentalis* (Kellogg, 1896) STRAGGLER (from *Fulmarus glacialis*)

Family **STERNIDAE** (terns)

***Sterna paradisaea* Pontoppidan, 1763**

Arctic tern – Breeding (5: dead)

- ☒\* *Quadriceps houri* Hopkins, 1949
- ☒\* *Saemundssonina* (*Saemundssonina*) *lockleyi* Clay, 1949

Family **ALCIDAE** (auks)

***Uria aalge aalge* (Pontoppidan, 1763)**

Guillemot – Breeding, vagrant (16: dead)

- ☒\* *Austromenopon nigropleurum uriae* Timmermann, 1954
- ☒ *Quadriceps obliquus* (Mjöberg, 1910)
- ☒\* *Saemundssonina* (*Saemundssonina*) *calva* (Kellogg, 1896)

***Uria lomvia* (Linnaeus, 1758)**

Brünnich's Guillemot – Vagrant (2: dead)

- ☒\* *Austromenopon nigropleurum phippi* Eveleigh & Threlfall, 1974
- ☒\* *Quadriceps obliquus* (Mjöberg, 1910)
- ☒ *Saemundssonina* (*Saemundssonina*) *calva* (Kellogg, 1896)

***Alca torda islandica* Brehm, 1831**

Razorbill – Breeding, vagrant (24: dead)

☐\* *Austromenopon nigropleurum nigropleurum* (Denny, 1842)☐\* *Quadriceps alcae* (Denny, 1842)☐\* *Saemundssonina (Saemundssonina) celidoxa* (Burmeister, 1838)***Cephus grylle faeroeensis* Brehm, 1831**

Black Guillemot – Breeding (133: dead)

☐\* *Quadriceps alcae* (Denny, 1842)☐ *Saemundssonina (Saemundssonina) grylle* (O. Fabricius, 1780)***Alle alle* (Linnaeus, 1758)**

Little Auk – Vagrant (46: dead)

☐\* *Austromenopon merguli* Timmermann, 1954☐\* *Quadriceps klatti* Timmermann, 1954☐ *Saemundssonina (Saemundssonina) merguli* (Denny, 1842)***Fratercula arctica grabae* Brehm, 1831**

Puffin – Breeding (1119: dead)

☐\* *Austromenopon nigropleurum nigropleurum* (Denny, 1842)☐\* *Quadriceps helgovauki* (Timmermann, 1974)☐ *Saemundssonina (Saemundssonina) fraterculae* (Overgaard, 1942)☐ *Saemundssonina (Saemundssonina) calva* (Kellogg, 1896) STRAGGLER (from *Uria* sp.)

## Order COLUMBIFORMES

Family COLUMBIDAE (pigeons)

***Columba livia* Gmelin, 1789**

Rock Dove – Breeding (15: alive)

☐\* *Campanulotes bidentatus compar* (Burmeister, 1838)☐\* *Coloceras damicorne* (Nitzsch, 1866)☐\* *Columbicola columbae* (Linnaeus, 1778)***Columba palumbus* Linnaeus, 1758**

Woodpigeon – Breeding, vagrant (2: dead)

☐\* *Campanulotes bidentatus bidentatus* (Scopoli, 1763)☐\* *Coloceras damicorne* (Nitzsch, 1866)☐\* *Columbicola claviformis* (Denny, 1842)***Streptopelia decaocto* (Frivaldszky, 1838)**

Collared Dove – Breeding, vagrant (2: dead)

☐\* *Coloceras chinense* (Kellogg & Chapman, 1902)***Streptopelia turtur* (Linnaeus, 1758)**

Turtle Dove – Vagrant (1: dead)

☐\* *Columbicola bacillus* (Giebel, 1866)

## Order STRIGIFORMES

Family STRIGIDAE (owls)

***Asio flammeus* (Pontoppidan, 1763)**

Short-eared Owl – Vagrant (6: dead)

☐\* *Strigiphilus cursor* (Burmeister, 1838)

## Order APODIFORMES

Family APODIDAE (swifts)

***Apus apus* (Linnaeus, 1758)**

Swift – Vagrant (8: dead)

☐\* *Dennyus (Dennyus) hirundinis* (Linnaeus, 1761)

## Order CORACIFORMES

Family UPUPIDAE (hoopoes)

***Upupa epops* Linnaeus, 1758**

Hoopoe – Vagrant (2: dead)

☐\* *Upupicola upupae* (Schrank, 1803)

## Order PICIFORMES

Family PICIDAE (wrynecks, woodpeckers, &amp; allies)

***Jynx torquilla* Linnaeus, 1758**

Wryneck – Vagrant (2: dead)

☐\* *Penenirmus serrilimbus* (Burmeister, 1838)***Dendrocopos major* (Linnaeus, 1758)**

Great Spotted Woodpecker – Vagrant (3: dead)

☐\* *Menacanthus pici* (Denny, 1842)☐\* *Penenirmus auritus* (Scopoli, 1763)

## Order PASSERIFORMES

Family HIRUNDINIDAE (swallows, martins)

***Hirundo rustica* Linnaeus, 1758**

Swallow – Breeding, vagrant (3: dead)

☒\* *Brueelia domestica* (Kellogg & Chapman, 1899)

☒\* *Myrsidea rustica* (Giebel, 1874)

***Delichon urbica* (Linnaeus, 1758)**

House Martin – Breeding, vagrant (3: dead)

☒\* *Brueelia gracilis* (Burmeister, 1838)

☒\* *Philoaterus excisus* Nitzsch, 1818

Family **MOTACILLIDAE** (pipits, wagtails)

***Anthus pratensis* (Linnaeus, 1758)**

Meadow Pipit – Breeding, vagrant (11: alive, dead)

☒\* *Menacanthus pusillus* (Nitzsch, 1866)

***Anthus spinoletta kleinschmidti* Hartert, 1905**

Rock Pipit – Breeding (8: alive, dead)

☒\* *Ricinus fringillae* de Geer, 1778 (F)

***Motacilla cinerea* Tunstall, 1771**

Grey Wagtail – Vagrant (1: dead)

☒\* *Ricinus fringillae* de Geer, 1778 (FF)

Family **BOMBYCILLIDAE**

(waxwings, hypocoliuses)

***Bombycilla garrulus* (Linnaeus, 1758)**

Waxwing – Vagrant (12: dead)

☒\* *Philoaterus garrulae* (Piaget, 1880) (F)

☒\* *Ricinus elongatus* (Olfers, 1816) (F)

Family **TROGLODYTIDAE** (wrens)

***Troglodytes troglodytes borealis* Fischer, 1861**

Wren – Breeding (25: alive)

☒\* *Menacanthus tenuifrons*

Blagoveshchensky, 1940 (F)

*Myrsidea troglodyti* (Denny, 1842) W

☒ *Penenirmus albiventris* (Scopoli, 1763)

Family **TURDIDAE** (chats, thrushes)

***Erithacus rubeculae* (Linnaeus, 1758)**

Robin – Breeding, vagrant (30: alive, dead)

☒\* *Brueelia tristis* (Giebel, 1874)

☒\* *Ricinus rubeculae* (Schränk, 1776) (F)

☒ *Penenirmus albiventris* (Scopoli, 1763) STRAGGLER  
(from *Troglodytes troglodytes borealis*)

***Turdus merula* Linnaeus, 1758**

Blackbird – Breeding, vagrant (24: alive, dead)

☒\* *Brueelia merulensis* (Denny, 1842)

☒\* *Philoaterus turdi* (Denny, 1842)

☒\* *Ricinus elongatus* (Olfers, 1816)

***Turdus pilaris* Linnaeus, 1758**

Fieldfare – Breeding, vagrant (1: dead)

☒\* *Brueelia marginata* (Burmeister, 1838)

***Turdus philomelos* Brehm, 1831**

Song Thrush – Vagrant (4: alive, dead)

☒\* *Brueelia turdinulae* Ansari 1956

***Turdus iliacus coburni* Sharpe, 1901**

Redwing – Breeding, vagrant (20: alive, dead)

☒\* *Brueelia iliaci* (Denny, 1842)

☒\* *Philoaterus timmermanni* (Zlotorzycska, 1964)

Family **SYLVIIDAE** (old world warblers)

***Acrocephalus scirpaceus* (Hermann, 1804)**

Reed Warbler – Vagrant (5: alive)

☒\* *Menacanthus eisenachensis* Balát, 1981

***Sylvia nisoria* (Bechstein, 1795)**

Barred Warbler – Vagrant (3: alive)

☒\* *Menacanthus curuccae* (Schränk, 1776)

***Sylvia curruca* (Linnaeus, 1758)**

Lesser Whitethroat – Breeding, vagrant (6: alive)

☒\* *Penenirmus speciosus* Mey, 1982

***Sylvia communis* Latham, 1787**

Whitethroat – Vagrant (3: alive)

☒\* *Brueelia* sp.

☒\* *Menacanthus curuccae* (Schränk, 1776)

***Sylvia borin* (Boddaert, 1783)**

Garden Warbler – Breeding, vagrant (6: alive)

☒\* *Menacanthus curuccae* (Schränk, 1776)

***Sylvia atricapilla* (Linnaeus, 1758)**

Blackcap – Breeding, Vagrant (55: alive, dead)

☒\* *Brueelia paratricapillae* Price, Hellenthal & Palma, 2003

☒\* *Menacanthus curuccae* (Schränk, 1776)

***Phylloscopus inornatus* (Blyth, 1842)**

Yellow-browed Warbler – Vagrant (7: alive)

☒\* *Brueelia* sp. (FF)

***Phylloscopus collybita* (Vieillot, 1817)**

Chiffchaff – Breeding, Vagrant (12: alive, dead)

- ☐\* *Menacanthus agilis* (Nitzsch, 1866)  
 ☐\* *Penenirmus rarus* (Zlotorzyccka, 1976)

***Phylloscopus trochilus* (Linnaeus, 1758)**  
 Willow warbler – Breeding, vagrant (21: alive)  
 ☐\* *Menacanthus agilis* (Nitzsch, 1866) (F)

***Regulus regulus* (Linnaeus, 1758)**  
 Goldcrest – Breeding, vagrant (34: alive, dead)  
 ☐\* *Philopterus reguli* (Denny, 1842)  
 ☐\* *Ricinus frenatus* (Burmeister, 1838)

Family **PARIDAE** (tits & chickadees)

***Parus major* Linnaeus, 1758**  
 Great Tit – Vagrant (2: alive)  
 ☐\* *Menacanthus sinuatus* (Burmeister, 1838)  
 ☐\* *Penenirmus pari* (Denny, 1842) (F)

Family **ORIOOLIDAE** (old world orioles)

***Oriolus oriolus* (Linnaeus, 1758)**  
 Golden Oriole – Vagrant (2: dead)  
 ☐\* *Brueelia munda* (Nitzsch [in Giebel], 1866)

Family **CORVIDAE** (crows & allies)

***Corvus monedula spermologus* Vieillot, 1817**  
 Jackdaw – Vagrant (2: dead)  
 ☐\* *Brueelia varia* (Burmeister, 1838)  
 ☐\* *Myrsidea anathorax* (Nitzsch, 1866)  
*Philopterus guttatus* (Denny, 1842)

***Corvus frugilegus* Linnaeus, 1758**  
 Rook – Vagrant (1: dead)  
 ☐\* *Brueelia varia* (Burmeister, 1838)  
 ☐\* *Colpocephalum fragili* Denny, 1842  
 ☐\* *Myrsidea isostoma* (Nitzsch, 1866)  
 ☐\* *Philopterus atratus* Nitzsch, 1818

***Corvus corone cornix* Linnaeus, 1758**  
 Hooded Crow – Breeding (25: dead)  
 ☐ *Myrsidea cornicis* (De Geer, 1778)  
*Philopterus ocellatus* (Scopoli, 1763)

***Corvus corax varius* Brünnich, 1764**  
 Raven – Breeding (85: dead)  
*Brueelia* sp. (N) W  
*Menacanthus gonophaeus* (Burmeister, 1838)  
 W  
*Philopterus corvi* (Linnaeus, 1758)

Family **STURNIDAE** (starlings)

***Sturnus vulgaris farnoensis* Feilden, 1872**  
 Common Starling – Breeding (32: dead)  
 ☐\* *Brueelia nebulosa* (Burmeister, 1838)  
 ☐ *Menacanthus eurysternus* (Burmeister, 1838)  
 ☐ *Sturnidoecus sturni* (Schrank, 1776)

Family **PASSERIDAE** (sparrows)

***Passer domesticus* (Linnaeus, 1758)**  
 House Sparrow – Breeding (84: alive, dead)  
 ☐\* *Brueelia cyclothorax* (Burmeister, 1838)

Family **FRINGILLIDAE** (finches)

***Fringilla montifringilla* Linnaeus, 1758**  
 Brambling – Breeding, vagrant (12: alive, dead)  
 ☐\* *Philopterus rapax* Zlotorzyccka, 1964

***Carduelis chloris* (Linnaeus, 1758)**  
 Greenfinch – Vagrant (1: dead)  
 ☐\* *Ricinus fringillae* de Geer, 1778 (F)

***Carduelis spinus* (Linnaeus, 1758)**  
 Siskin – Breeding, vagrant (3: dead)  
 ☐\* *Brueelia chrysoomytris* Blagoveshtchensky, 1940  
 ☐\* *Philopterus* sp.

***Carduelis flammea* (Linnaeus, 1758)**  
 Redpoll – Vagrant (3: dead)  
 ☐\* *Brueelia sibirica* Mey, 1982  
 ☐\* *Philopterus linariae* (Piaget, 1885)

***Loxia curvirostra* Linnaeus, 1758**  
 Red Crossbill – Vagrant (8: dead)  
 ☐\* *Brueelia limbata* (Burmeister, 1838)  
 ☐\* *Myrsidea quadrimaculata* (Carriker, 1902)  
 ☐\* *Philopterus curvirostrae* (Schrank, 1776)

***Carpodacus erythrinus* (Pallas, 1770)**  
 Scarlet Rosefinch – Vagrant (4: alive)  
 ☐\* *Philopterus erythrini* (Mey, 1982)

***Pyrrhula pyrrhula* (Linnaeus, 1758)**  
 Bullfinch – Vagrant (4: alive, dead)  
 ☐\* *Ricinus fringillae* de Geer, 1778 (F)

Family **EMBERIZIDAE** (buntings & allies)

***Plectrophenax nivalis* (Linnaeus, 1758)**



Snow Bunting – Breeding, vagrant (5: dead)

☒\* *Philopterus hamatus* (Packard, 1870)

☒\* *Ricinus thoracicus* (Packard, 1870) (FF)

***Emberiza schoeniclus* (Linnaeus, 1758)**

Reed Bunting – Breeding, vagrant (1: alive)

☒\* *Brueelia* sp.

☒\* *Menacanthus* sp. (F)

## MAMMALIA

### Order ARTIODACTYLA

#### Family BOVIDAE

***Bos taurus* Linnaeus, 1758**

Cattle

☒\* *Bovicola (Bovicola) bovis* (Linnaeus, 1758)

(FF)

***Ovis aries* Linnaeus, 1758**

Domestic Sheep

☒ *Bovicola (Bovicola) ovis* (Schrank, 1781)

### Order PERISSODACTYLA

#### Family EQUIDAE

***Equus caballus* Linnaeus, 1758**

Horse

☒\* *Bovicola (Werneckiella) equi* (Denny, 1842)

(FF)

### Order CARNIVORA

#### Family CANIDAE

***Canis familiaris* Linnaeus, 1758**

Dog

☒\* *Linognathus setosus* (Olfers, 1816)

☒\* *Trichodectes canis* (de Geer, 1778)

### Order PRIMATES

#### Family HOMINIDAE

***Homo sapiens* Linnaeus, 1758**

Human

☒ *Pediculus humanus capitis* de Geer, 1778

☒ *Pthirus pubis* (Linnaeus, 1758)

## Order RODENTIA

### Family CAVIIDAE

***Cavia porcellus* (Linnaeus, 1758)**

Domestic guinea pig

☒\* *Gliricola porcelli* (Schrank, 1781)

## DISCUSSION

There are 309 species and subspecies of birds (including three domesticated taxa) recorded from the Faroe Islands, regardless of their status or abundance (Jensen, Bloch & Olsen 2004). However, there are only 85 breeding bird taxa, including all categories such as those breeding in very small numbers and species introduced by human agency. Therefore, there is a great proportion (72.5%) of species which visit the islands but do not breed on them. The elevated number of vagrant birds which land on the Faroe Islands is due to the special geographic location of the archipelago, situated in the North Atlantic Ocean about 400 km northwest of Scotland, and half way between Iceland and Norway. Many birds use the islands as a resting and feeding place during their migrations.

All terrestrial mammal species have been introduced by humans. Apart from domestic animals, there are hares, brown rats and mice, but no lice have been recorded from these three species yet. The only native mammal breeding in the Faroe Islands is a marine species: the grey seal, *Halichoerus grypus* (Fabricius, 1791). Despite our efforts, no lice were found on the several grey seals examined.

### Breeding birds

Only four subspecies of birds breeding in the Faroes are endemic to the islands, i.e., *Somateria mollissima faeroeensis*, *Cephus grylle faeroeensis*, *Troglodytes troglodytes borealis* and *Sturnus vulgaris faeroensis*. However, the lice recorded from these hosts in this paper are not endemic to the Faroe Islands. This is not surprising because, in most cases, all the subspecies of a given bird species share the same louse fauna.

From a total of 85 species and subspecies breeding in the Faroe Islands, we have collected and identified lice from 69 of them, including

three domesticated taxa. Among the 16 bird species without louse records, only one species breeds in large numbers: the wheatear – *Oenanthe oenanthe oenanthe* (Linnaeus, 1758) – with 2,500 breeding pairs (Jensen, Bloch & Olsen 2004). The remaining 15 species without louse records are rare or introduced by humans, and have been recorded in low numbers varying between 1 and 25 breeding pairs. For example: the red-necked phalarope – *Phalaropus lobatus* (Linnaeus, 1758) – is recorded with 25 breeding pairs; the skylark – *Alauda arvensis* Linnaeus, 1758 – with 10 breeding pairs; and the pied wagtail – *Motacilla alba* Linnaeus, 1758 – with only 2 to 5 breeding pairs (Jensen, Bloch & Olsen 2004).

In most cases, the lack of louse records from the 16 bird species mentioned above is the result of our inability to obtain specimens to search for lice, but it does not mean that those birds have no lice. On the contrary, all of them are known to harbour lice in other areas of their geographical distribution, with some bird species having as many as seven species of lice recorded from them. For example, the red-necked phalarope is parasitised by five louse species, while the skylark and the pied wagtail have, respectively, five and six different louse species recorded from them (Price, Hellenenthal & Palma 2003).

Three louse species have been recorded from wheatears elsewhere (Price, Hellenenthal & Palma 2003: 359), but it appears to be difficult to collect lice from them at the Faroe Islands. Several dead specimens were examined for lice without success, and catching live wheatears in the *Helgoland trap*, where thousands of other passerines have been caught, has not yet succeeded. A new method to catch live wheatears needs to be developed.

### Vagrant birds

Among the very long list of bird taxa which visit the Faroe Islands, a few of them have also been occasionally recorded as breeding in small numbers. However, the great majority of the vagrant birds have never been recorded breeding on the islands. We have been able to collect and identify lice from 54 species of vagrant birds, which is only 24.1% of the total 224 species recorded as common, occasional or rare visitors to the Faroe

Islands in Jensen, Bloch & Olsen (2004). As in the case of breeding birds discussed above, the dearth of louse records from the remaining unexamined 170 species of birds which visit the Faroe Islands is due to a lack of collecting opportunities rather than an absence of lice, as most are known to harbour lice elsewhere (Price, Hellenenthal & Palma 2003).

### Records of lice

We have listed 215 species and subspecies of lice (including nine louse records identified at the generic level only) from 123 bird taxa of all categories and six introduced mammal species including humans (see above). A total of 171 species and subspecies (79.5%) are new louse records for the Faroe Islands (marked with an asterisk \* in the louse list). Among them, two species of *Quadriceps* found on the ivory gull (*Pagophila eburnea*) and an undetermined species of *Austromenopon* from the jack snipe (*Lymnocyptes minimus*) represent new host-lice associations for the world, additional to those listed in Price, Hellenenthal & Palma (2003: 292, 296) under those two host species.

The nomenclature and classification of the chewing lice identified and listed in this paper follow those published by Price, Hellenenthal & Palma (2003) with some exceptions, in particular regarding the recognition of subspecies. In the genus *Anaticola*, we recognise *Lipeurus rubromaculatus* as a subspecies of *Anaticola crassicornis*, and not as a junior synonym of *A. mergiserrati* as listed in Price, Hellenenthal & Palma (2003: 144). We list as valid the subspecies *Anatoecus icterodes mollissimae* and not as a synonym of *Anatoecus icterodes* sensu stricto (see Price, Hellenenthal & Palma 2003: 146). Also, we regard the louse taxa *Campanulotes bidentatus bidentatus* and *Campanulotes bidentatus compar* as subspecies, instead of separate species as in Price, Hellenenthal & Palma (2003: 160). Further, we treat *Austromenopon erilis* as a subspecies of *A. lutescens*, while Price, Hellenenthal & Palma (2003: 91) regard it as a full species. Finally, we recognise as valid three subspecies of *Austromenopon nigropleurum*, which Price, Hellenenthal & Palma (2003: 91–93) regard as junior synonyms of the latter species.

Considering the additional species of lice re-

corded from the same hosts in other parts of the world, as well as the large number of vagrant bird taxa that have not been searched for lice yet, there are still a great number of lice to be discovered in the Faroe Islands. Most new louse records will be found on birds belonging to the orders Anseriformes, Accipitriformes, Charadriiformes and Passeriformes, as these groups contain the largest number of species in the Faroe Islands.

### Straggling lice

This category of louse records is often difficult to distinguish from louse contamination caused by human error (see *Material and methods* above). However, we have been able to identify clear cases of straggling lice and these have been marked as such in the *List of host-lice associations*. They can all be explained by a variety of reasons.

The three species of lice recorded as stragglers on *Puffinus griseus* have been extensively discussed by Jensen, Palma & Zonfrillo (1999). The 21 other cases of straggling lice recorded in this study can be grouped according to various kinds of interactions among the hosts involved. Most of them are due to predator-prey interactions, for example the louse *Quadriceps normifer normifer*, originally from a parasitic skua found on an osprey; the two louse species – one from a starling and another from a plover – collected on merlins; and the many stragglers found on great skuas and several species of gulls. It is well known that the osprey, the merlin, the great skua and the gulls are all predators of other birds such as passerines, petrels, shags and auks (J-KJ personal observation).

The finding of a “foreign” louse species on the gyrfalcon, but host-specific to the snowy owl, is more difficult to explain, although it is quite possible that a gyrfalcon would kill and eat a snowy owl if other prey were not available (J-KJ personal observation).

The remaining cases of straggling lice listed above can be explained by their hosts being in close contact with the donor hosts at any time during feeding, nesting, roosting, flocking, etc. The single female straggler found on a black-browed albatross, as well as those collected from species of shorebirds (family Scolopacidae), alcids (family Alcidae) and passerines (family

Turdidae) all fall in this kind of host interaction.

The most intriguing case of a straggling louse recorded in this paper is that of the species *Gruimenopon canadense* found on the crane *Grus grus* in March 1995. This louse species is otherwise host-specific to the sandhill crane, *Grus canadensis*, from North America. The identity of the single, straggling male of *Gruimenopon canadense* was confirmed by Professor Roger D. Price (Arkansas, U.S.A.). Furthermore, *G. canadense* is clearly distinguished from its congener *G. longum* by the male genitalia. The same crane examined for lice by J-KJ in March 1995 harboured three other host-specific louse species, all previously recorded from *Grus grus*, including *G. longum* (see above). We can only conclude that there must have been an earlier contact between the crane deloused by J-KJ and a sandhill crane for that single louse to be able to switch hosts. Jensen, Bloch & Olsen (2004) listed *Grus grus* as a regular visitor to the Faroe Islands, but in small numbers (one or two per year), and listed the sandhill crane as recorded only once in the Faroe Islands. That record was a bird found dead on 14 Oct 1980 and reported by Sørensen & Jensen (1986). Therefore, the chances of a close encounter between these two crane species at the Faroe Islands are practically nil. We can only assume that the deloused specimen of *Grus grus* picked up that single male *Gruimenopon canadense* from a straggler sandhill crane somewhere else in Europe. According to *Eurobirding* of March 2004 (link: [http://www.eurobirding.co.uk/sandhill\\_crane.HTM](http://www.eurobirding.co.uk/sandhill_crane.HTM)), the sandhill crane is: “An extremely rare vagrant to the Western Palearctic recorded on Galley Head in County Cork, Ireland (September 1905), Akrabergi in the Faroes (October 1980), and two in Britain, on Fair Isle, Shetland in April 1981 and again in Shetland in September 1991. The last bird was later recorded in the Netherlands”. Presumably, contact could have been made in 1991 or later, when the last recorded *Grus canadensis* left Shetland and went to the Netherlands where *Grus grus* regularly assemble during migration. However, there may have been other unrecorded sandhill cranes in Europe, and one of them could have passed the male louse *Gruimenopon canadense* onto the crane deloused in March 1995 at the Faroe Islands.

### Hyperparasites

Several specimens of the mite *Myialges* (*Myialges*) *ancistronae* Fain, 1965 were found attached onto a female *Ancistrona vagelli* collected from a Fulmar. Five species of mites are included in the subgenus *Myialges* (*Myialges*), with three of them ectoparasitic on louse-flies (Diptera: Hippoboscidae), and the other two on lice (Fain 1965: 65), including *M. (M.) ancistronae*.

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### REFERENCES

- Cramps, S. 1985–1992. (ed) *Handbook of the Birds of Europe, the Middle East and North Africa. The Birds of the Western Palaearctic*, volumes IV–VI. – Oxford University Press, Oxford, New York.
- Cramps, S. & C. M. Perrins. 1993–1994. (eds) *Handbook of the Birds of Europe, the Middle East and North Africa. The Birds of the Western Palaearctic*, volumes VII–IX. – Oxford University Press, Oxford, New York.
- Cramps, S. & K. E. L. Simmons. 1977–1983. (eds) *Handbook of the Birds of Europe, the Middle East and North Africa. The Birds of the Western Palaearctic*, volumes I–III. – Oxford University Press, Oxford, New York.
- Fain, A. 1965. A review of the family Epidermoptidae Trouessart parasitic on the skin of birds (Acarina: Sarcopitiformes) Parts 1 & 2. – *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen* 27(84): 1–176, 1–185.
- Fowler, J. A. & S. Cohen 1983. A method for the quantitative collection of ectoparasites from birds. – *Ringings and Migration* 4: 185–189.
- Gylfe, Á., B. Olsen, D. Straševičius, N. Marti Ras, P. Weihe, L. Noppa, Y. Östberg, G. Baranton & S. Bergström. 1999. Isolation of Lyme disease *Borrelia* from puffins (*Fratricula arctica*) and seabird ticks (*Ixodes uriae*) on the Faeroe Islands. – *Journal of Clinical Microbiology* 37: 890–896.
- Henriksen, K. L. 1929. Mallophaga and Anoplura. Chapter 37. Pp. 1–11 in A.S. Jensen, W. Lundbeck, & T. Mortensen (eds): *Zoology of the Faroes*. Copenhagen.
- Jensen, J.-K. 1995. Ringmærkning på Færøerne i 1994 [Ringings on the Faeroe Islands 1994]. – *Ringmerkaren* 7: 193–197.
- Jensen J.-K. & B. Olsen. 2003. A comparison of two methods for collecting feather lice from dead birds. – *Atlantic Seabirds* 5: 119–126.
- Jensen, J.-K., D. Bloch & B. Olsen. 2004. *Liste over Fugle der er set på Færøerne* [List of Birds seen in the Faroe Islands]. 2<sup>nd</sup> ed. – Føroya Náttúrugripasavn, Tórshavn.
- Jensen, J.-K., R. L. Palma & B. Zonfrillo. 1999. Feather lice from Sooty Shearwaters *Puffinus griseus* in the Faroe Islands. – *Atlantic Seabirds* 1: 71–76.
- Landt, J. 1800. (Reprinted 1965) *Forsøg til en beskrivelse over Færøerne*. – Einars Prent, Tórshavn, 274 pp.
- Palma, R. L. 1978. Slide-mounting of lice: a detailed description of the Canada balsam technique. – *New Zealand Entomologist* 6: 432–436.
- Price, R. D. & R. A. Henthall. 1998. Taxonomy of *Philoapterus* (Phthiraptera: Philopteridae) from the Corvidae (Passeriformes), with descriptions of nine new species. – *Annals of the Entomological Society of America* 91: 782–799.
- Price, R. D., R. A. Henthall & R. L. Palma. 2003. World checklist of chewing lice with host associations and keys to families and genera. Pp. 1–448 in R. D. Price, R. A. Henthall, R. L. Palma, K. P. Johnson & D. H. Clayton (eds): *The Chewing Lice: World Checklist and Biological Overview*. – Illinois Natural History Survey Special Publication 24, pp. i–x + 1–501.
- Price, R. D., R. L. Palma & D. H. Clayton. 2003. Review of the genus *Saemundssonia* Timmermann (Phthiraptera: Philopteridae) from the Alcidae (Aves: Charadriiformes), including a new species and new host records. – *Proceedings of the Entomological Society of Washington* 105: 915–924.
- Sørensen, S. & J.-K. Jensen. 1986. Rare birds in the Faeroe Islands in 1982–85. – *Dansk Ornitologisk Forenings Tidsskrift* 80: 121–130.
- Waterston, J. 1915. Fauna Faerøensis. II. On some Mallophaga in the Kgl. Zoologisches Museum, Königsberg, being a collection made in the Faeroe Islands, by Dr. A. Dampf, 1912. – *Zoologische Jahrbücher, Abteilung für Systematik* 39 (1): 17–42.

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