A species inventory for the island of Koltur (Faroe Islands): Setting the baseline for long-term monitoring

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Eitt yvirlit yvir plantu- og dýrasløg í Koltri: grundarlagið undir framtíðar yvirvøku

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Abstract

A species inventory was conducted on the island of Koltur (Faroe Islands) between 2019 and 2024, serving as a baseline for future monitoring of the terrestrial ecosystem of the island. The inventory focussed on terrestrial species of birds, plants and invertebrates and resulted in a total of 520 species recorded from the island since 2019. Among those, 56 were birds, 146 plants, and 318

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invertebrates, mainly insects. A high number of invertebrates were new records for Koltur (242) as well as for the Faroe Islands in general (49).

Úrtak

Margfeldið í Koltri var kannað árini 2019 til 2024. Kanningin er grundarlagið fyri framtíðar kanningum, sum fara at vísa, hvussu vistskipanin á oynni fer at broytast. Høvuðsdentur var lagdur á fugl, plantur og ryggleys dýr á landi. Tilsamans vóru 520 sløg skrásett í oynni hesi árini; 56 fuglasløg , 146 plantusløg og 318 sløg av ryggleysum dýrum. 242 av hesum ryggleysu dýrunum eru ongantíð fyrr skrásett í Koltri, og 49 eru nýggj fyri Føroyar.

Keywords: Terrestrial ecology, species diversity, birds, plants, invertebrates, Faroe Islands.
Leitorð: Vistfrøði, lívfrøðiligt margfeldi, fuglar, plantur, ryggleys dýr, Føroyar.

Introduction

In order to better understand ecosystem processes and mitigate the current biodiversity crisis, ecologists and policy makers require high-quality, long-term monitoring data (Montgomery et al. 2021). Ecosystems are dynamic systems which naturally change over time. However, some of these changes are heavily impacted by humans and accelerated by factors such as climate change, invasive species or intense agricultural land use. Understanding the relative contribution of these factors is challenging because few long-term monitoring datasets exist that target whole landscape units such as islands, lakes, or valleys, in a holistic way, i.e., monitoring several different organismal groups and their interactions. In the North Atlantic region, such long-term datasets can be found for example for lake Mývatn, Iceland (Einarsson et al., 2004), Karupelv Valley, Greenland (Gilg et al., 2006) and the island Surtsey, Iceland (Magnússon et al., 2014; Marteinsson et al., 2015; Ólafsson & Ingimarsdóttir, 2009).

Islands harbour a large proportion of Earth's biodiversity and at the same time are especially vulnerable to biodiversity loss (Fernández-Palacios et al., 2021). Fernández-Palacios et al. (2021) provide a list of recommended actions to protect island biota and call for increasing scientific knowledge through biotic inventories of understudied islands and taxa to create baseline knowledge, as well as implementing long-term monitoring projects with standardized sampling protocols. Descriptive studies such as species inventories are often hard to publish but nevertheless crucial to understand basic characteristics of ecosystems, especially in less studied parts of the world. In particular, there is a general lack of data on terrestrial ecosystems in the Faroe Islands, rendering the country a blank space in the North Atlantic region in the context of terrestrial ecological monitoring in the Arctic and Sub-Arctic (Gillespie et al., 2020).

The Faroese biota is characterized by a generally low number of species (Gíslason, 2021; Hannon et al., 2009) and many integral components of ecosystems in other parts of the world are here either entirely absent (e.g., Amphibia, Reptilia, Plecoptera, Ephemeroptera) or represented only by very few species (e.g., terrestrial mammals, woody plants, Apoidea). For such a comparably simple biota, an inventory aiming to record all species of higher plants and animals is thus feasible. Naturally, this goal is more realistic for birds and plants than for arthropods and other invertebrate groups, which often are more species-rich and more challenging to identify. But due to their high numbers in species richness and abundance in terrestrial ecosystems, as well as their importance for ecosystem services, arthropods should have high priority in Arctic monitoring programmes (Gillespie et al., 2020).

On the small island Koltur in the Faroe Islands, we have the unique opportunity to follow potential future changes on a whole island and study the impacts of environmental stressors on communities and species-interactions on a large scale. In addition, we are able to modify some of these environmental stressors on the island to at least some degree, such as the intensity of sheep grazing. Koltur has been chosen as a monitoring site under the Circumpolar Biodiversity Monitoring Program (CBMP) (Christensen et al., 2013), with a focus on sheep grazing as one of the most important stressors on terrestrial ecosystems in the Faroe Islands (Ross et al., 2016). At the outset of the planned long-term monitoring of the island, and before introducing changes to the grazing regime, we have conducted a five-year baseline study. The objective of the baseline study was to conduct a species inventory on the island with the main focus on higher plants, invertebrates and birds.

Material and Methods

The island

The Faroe Islands are an archipelago composed of eighteen small islands and several islets situated in the middle of the North Atlantic Ocean (approx. 62° N and 7° W) about 675 km W of Norway, 300 km NW of Shetland, and 450 km SE of Iceland. They are steep mountainous islands with the highest mountain reaching an elevation of 880 m a.s.l. Vegetation can be divided into three altitudinal zones (Fosaa, 2004): a lowland vegetation zone below 200 m a.s.l. and a temperate vegetation zone between 200 and 400 m a.s.l., while the summits of the high mountains in the Faroes are arctic (Hannon et al., 2009). Although hailed as a location of untouched natural beauty and impressive landscapes, the grassy slopes and fields are the result of a long-term cultural use. Before the first settlement, extensive areas were covered with shrublands and tall herb vegetation (Jóhansen, 1982). But with the introduction of sheep at around AD.

825, the landscape was significantly altered over time and grazed grasslands now prevail.

Koltur is a small (2.5 km^2) island located in the central part of the Faroe Islands (Fig. 1). Despite its small size, a variety of habitats occur on the island, e.g., steep mountain slopes, bird cliffs, sheep-grazed grassland, streams, rocky shore, and a sand beach. The highest part of the island is 477 m a.s.l. Although some major geographic features such as lakes and tall mountains are missing, the island and its variety of habitats seems to be fairly representative for the nature of the Faroes. Koltur is traditionally divided into year-round sheep pastures ('uttangarðs') and winter grazed hay-making fields ('innangarðs'), a land-use division which is typical for the Faroes. Koltur is under the auspices of the Faroe Islands National Museum (Tjóðsavnið) since 2013 and large parts of the island are now declared a Nature Reserve. Apart from one permanent household and 160 sheep grazing on Koltur at the time of the study, there is little human influence. Due to the absence of invasive species like mice, rats, and the New Zealand flatworm, which by now has spread to almost all islands of the Faroese archipelago, Koltur supports supposedly intact native communities.

The baseline study

An extensive biodiversity study was conducted on the island between 2019 and 2024, aiming to inventory all terrestrial species of plants, birds, and invertebrates on the island and to provide a baseline for long-term monitoring of the Koltur Nature Reserve. As there are only few freshwater habitats on the island, i.e., one permanent pond and several small intermittent streams, freshwater plants and invertebrates were included in the inventory. Plant and bird species were recorded by general surveys as well as standardized monitoring methods at fixed plot sites (Fig. 1), e.g., point-intercept method for plants and point-counts for breeding birds. Invertebrates were collected with a wide range of standardized sampling methods such as pitfall traps, Malaise trap, Berlese funnels, sweep netting, dung samples and aquatic Surber samples, as well as manual collection. Methods were employed both at 11 fixed plot sites (Fig. 1) as part of the standardized monitoring routine and in a more opportunistic approach, targeting specific habitats and areas (e.g., rocky shore or steep cliff sites) or taxa (e.g., Tardigrada, Lepidoptera).

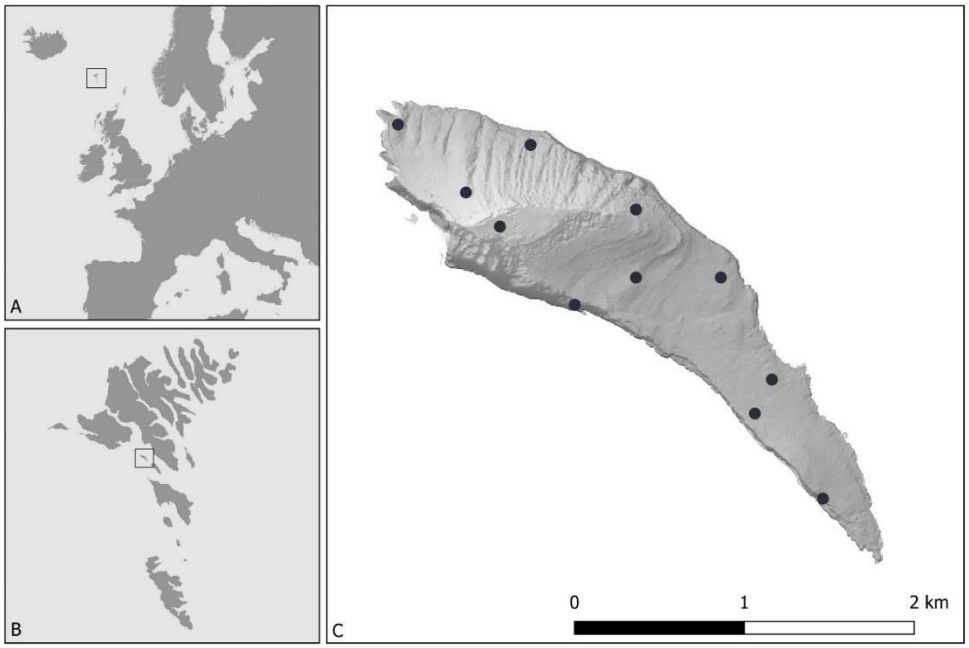

Figure 1: Map of the island Koltur (C) and its location in the Faroe Islands (B) and in the North Atlantic (A). Black points in the main map indicate permanent monitoring plots.

Literature survey

A list of species recorded on the island before 2019 was collated based on various sources. The list of invertebrates is based on specimens in the entomological collection at the Faroe Islands National Museum (FINM) as well as records in literature, mainly the publication series "The Zoology of the Faroes" (Spärck et al., 1928) and the publication series "Terrestrial invertebrates of the Faroe Islands" (Bengtson, 1981; Bengtson & Hauge, 1979; Enckell & Rundgren, 1983; Kauri, 1980; Meidell & Solhøy, 1990; Solhøy, 1981). The list of plants is based on a study by Kjeld Hansen (Hansen, 1964). The list of birds and their breeding status is mainly based on Bjørn Patursson's records since the 1990's as well as some older records (Bengtson, 1988; Bengtson & Bloch, 1983; Boertmann et al., 1986; Bruun, 1969; Frahm et al., 1986; Salomonsen, 1935; Williamson, 1944) and more recent records from eBird (eBird, 2021). All literature records were checked for synonyms and only valid taxa names according to the GBIF Backbone Taxonomy (GBIF Secretariat, 2023) were included in the list (Table 1, 2, 3).

Results

A total of 520 species have been recorded since the project started in 2019. Of them, 146 were plants (Table 1), 56 birds (Table 2), 317 invertebrates (Table

3) and one a fish, the three-spined stickleback (*Gasterosteus aculeatus* Linnaeus, 1758). Together with earlier records, a total of 608 valid species are now recorded on the island (Tables 1, 2, 3). The species checklist is publicly available on GBIF (version 1.0: https://doi.org/10.15468/kufpj7) and is planned to be updated in regular intervals.

Plants

Most plants recorded were Tracheophyta, belonging to Magnoliopsida (81 species), Liliopsida (49), Polypodiopsida (5), and Lycopodiopsida (2) (Table 1). Although a systematic inventory of mosses (Bryophyta and Marchantiophyta) was out of the scope of the study, eleven species were recorded in an incidental manner (Table 1). One in four plant species recorded in the study was a new record for Koltur, and two species present new records for the Faroes.

Birds

Birds recorded during the study belonged to Charadriiformes (23 species), Passeriformes (13), Anseriformes (8), Procellariiformes (3), Gruiformes (2), Gaviiformes (2), Suliformes (2), Columbiformes (1), Strigiformes (1) and Falconiformes (1) (Table 2). Of the 56 bird species recorded during the study, 23 were observed breeding on the island and three are considered vagrants. It should also be noted, that some seabirds (e.g. Northern Gannet and Red-throated diver) were not recorded on the island itself, but off shore in close vicinity to the island.

Invertebrates

The majority of the invertebrates collected and identified in the study were Arthropoda (306 species), and among them most belonged to Hexapoda (266 species). Five of the recorded invertebrate species were marine (Table 3) but since they were recorded from land, either having been washed ashore or living in the splash water zone, they were included into the list. It was out of the scope of the study to assess the distribution status and associated habitat of the recorded invertebrates, and the list includes not only native “wild” species but also synanthropic (such as *Ptinus tectus* (Coleoptera)) or migrant (such as *Vanessa atalanta* (Lepidoptera)) species without differentiation. One in 1.3 invertebrate species collected in the study was a new record for Koltur and one in 6.5 species even was a new record for the Faroe Islands. Most new additions to the faunistic checklists of both Koltur and the Faroe Islands in general were made in the orders Diptera (flies and midges; 91 and 22, respectively), Collembola (springtails; 45 and 9), Coleoptera (beetles; 39 and 4), Hymenoptera (wasps; 17 and 9), and Tardigrada (water bears; 7 and 3) (Table 3).

Discussion

Despite its small size, Koltur is home to 147 plant species, 29 breeding bird species and more than 390 species of invertebrates. It is outside the scope of this paper to statistically compare the nature and geography of Koltur with the rest of the Faroes, but most species of plants and animals found here are common in other parts of the Faroes as well. In that regard, Koltur can be considered a typical Faroese island, and ecological data collected here will be used to compare to other areas in the Faroes as well as other countries in the North Atlantic region.

Although being generally representative for the nature of the Faroes, it has fewer anthropogenic influences than most of the Faroes and so can be considered representing a more natural state. With only one household in the island for the last 40 years, the light and noise pollution has been very limited. There is an absence of invasive species common in other parts of the Faroes such as mice, rats, the New Zealand flatworm (*Arthurdendyus triangulatus*) and the Garden Lady's-mantle (*Alchemilla mollis*). In addition, there are no cats and since 2010 no dogs on the island (B. Patursson, pers. obs.). It should also be noted, that Koltur is the only island in the Faroes where no Kittiwakes or Guillemot breed.

Probably due to its small size and proximity to Tórshavn, the capital area of the Faroes, Koltur has been included in many collection trips and studies (Bengtson et al., 2004; Christiansen & Hansen, 1998). It might well be the best-studied island in the Faroes – and yet, the high number of new records for the island (287) as well as for the Faroes (51) during our study reveals how much there is still to learn about the Faroese flora and fauna in general. Most of these species are unlikely to have populated the island in recent years but instead will have simply been overlooked in previous studies or belong to a taxonomic group which has not been targeted before (e.g., Tardigrada, Collembola, Mycetophilidae). Likewise, some species recorded before 2019 could not yet be confirmed by us due to lack of taxonomic expertise (e.g., in the groups Gastropoda and Ichneumonidae), although they probably still occur on Koltur. Remarkably, among the new records for Koltur are also rather noticeable species such as the ground beetle *Carabus problematicus*, the largest Faroese insect, and the Wood crane's-bill (*Geranium sylvaticum*). Both of them occur predominantly in the steep cliffs on the northern side of the island, which are difficult to access and were thus likely not visited in previous studies. Other new records apparently hid in plain sight and not far from the settlements, such as European blueberry (*Vaccinium myrtillus*), after dwarf willow (*Salix herbacea*) a second shrub species for the island. Whereas *S. herbacea* grows mostly on mossy rocks inaccessible to sheep at high altitude, *V. myrtillus* was found at lower altitudes in grazed areas where it does presently not grow taller than 2.5 cm. The presence of *V. myrtillus* is of high interest for future monitoring, since growth height and distribution area might increase under lowered grazing pressure.

There are some species which have disappeared from the island during the last decades: The European eel (*Anguilla anguilla*) and the sheep ked (*Melophagus ovinus*, Diptera: Hippoboscidae) (B. Patursson, pers. obs.). Eels were a common sight in the small ditches of the lowland until around 2000 but have not been seen since (B. Patursson, pers. obs.). Sheep keds are flightless flies living as ectoparasites on sheep. They have been extinct from the island since 1997 due to strict quarantene measures for new sheep arriving to Koltur (B. Patursson, pers.obs.). On the other hand, some species have arrived on the island in recent times, among others the synanthropic Long-tailed silverfish, *Ctenolepisma longicaudatum* (Zygentoma). There have been changes in the breeding status of some bird species on the island as well. For example, a colony of Kittiwakes was established in the 1990's, but disappeared again after a decade.

Although aiming to inventory the terrestrial fauna and flora of the island as completely as possible, some gaps still remain. Some habitat specialists might have escaped our collecting efforts, for example coastal species inhabiting decomposing seaweed piles. Some taxonomic groups could not yet be treated systematically due to lack of taxonomic expertise, for example "Acari" (Parasitiformes and Acariformes), Nematoda, Braconidae and Bryophyta. We hope to be able to include those taxa in future monitoring. Likewise, some groups such as fungi and lichens or the marine fauna on the shoreline and around the island were not the focus of this study but should be of interest for future investigations.

After concluding the baseline study, the grazing regime on the island is about to be changed with sheep being excluded from large parts of Koltur. Annual monitoring of plants, invertebrates, and birds has started on permanent sampling plots following CBMP suggestions (Christensen et al., 2013). We hope that this study can provide a baseline to document future changes such as species invasions and local extinctions, and identify stressors affecting the terrestrial ecosystem of the Faroe Islands.

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References

Bengtson, S.-A. (1981). Terrestrial Invertebrates of the Faroe Islands: III. Beetles (Coleoptera): Check-list, distribution, and habitats. *Fauna Norvegica, Series B*, *28*, 52–82.

Bengtson, S.-A. (1988). Färöarnas och islands häckande fåglar—En översikt. *Gardar*, *XIX*, 5–31.

Bengtson, S.-A., & Bloch, D. (1983). Island land bird population densities in relation to island size and habitat quality on the Faroe Islands. *Oikos*, *41*(3), 507–522.

Bengtson, S.-A., Enckell, P. H., Bloch, D., & Erling, H. (2004). Spiders (Araneae) in the Faroe Islands: An annotated checklist and an update on inter-island distributions. *Fróðskaparrit*, *52*, 54–72.

Bengtson, S.-A., & Hauge, E. (1979). Terrestrial Invertebrates of the Faroe Islands: I. Spiders (Araneae): Check-list, distribution, and habitats. *Fauna Norvegica, Series B*, *26*, 59–83.

Boertmann, D., Sørensen, S., & Pihl, S. (1986). Sjældne Fugle på Færøerne i årene 1982-1985. *Dansk Ornitologisk Forenings Tidsskrift*, *80*, 121–130.

Bruun, B. (1969). Nordamerikanske Fugle i Skandinavien. *Dansk Ornitologisk Forenings Tidsskrift*, *63*, 185197.

Christensen, T., Payne, J., Doyle, M., Ibarguchi, G., Taylor, J., Schmidt, N.M., Gill, M. Svoboda, M., Aronsson, M., Behe, C. Buddle, C. Cuyler, C., Fosaa, A.M., Fox, A.D, Heidmarsson, S., Henning Krogh, P., Madsen, J., McLennan, D., Nymand, J., Rosa, C., Salmela, J., Shuchman, R., Soloviev, M., and Wedege, M. (2013). The Arctic Terrestrial Biodiversity Monitoring Plan. CAFF Monitoring Series Report Nr. 7. CAFF International Secretariat. Akureyri, Iceland. ISBN 978-9935-431-26-4

Christiansen, H. G., & Hansen, E. (1998). An Island Biogeographical Analysis of the Flora in the Faroe Islands. *Fróðskaparrit*, *46*, 17–32.

eBird. (2021). *eBird: An online database of bird distribution and abundance [web application]* [Dataset].

Einarsson, Á., Stefánsdóttir, G., Jóhannesson, H., Ólafsson, J. S., Már Gíslason, G., Wakana, I., Gudbergsson, G., & Gardarsson, A. (2004). The ecology of Lake Myvatn and the River Laxá: Variation in space and time. *Aquatic Ecology*, *38*(2), 317–348. https://doi.org/10.1023/B:AECO.0000032090.72702.a9

Enckell, P. H., & Rundgren, S. (1983). Terrestrial inver-tebrates of the Faroe Islands: V. Earthworms (Lumbricidae): Distribution and habitats. *Fauna Norvegica, Series A*, *4*, 11–20.

Fernández-Palacios, J. M., Kreft, H., Irl, S. D. H., Norder, S., Ah-Peng, C., Borges, P. A. V., Burns, K. C., De Nascimento, L., Meyer, J.-Y., Montes, E., & Drake, D. R. (2021). Scientists' warning – The outstanding biodiversity of islands is in peril. *Global Ecology and Conservation*, *31*, e01847. https://doi.org/10.1016/j.gecco.2021.e01847

Fosaa, A. M. (2004). Altitudinal distribution of plant communities in the Faroe Islands. *Fróðskaparrit*, *51*, 217–236.

Frahm, C., Ivan, O., Jensen, S., & Sørensen, S. (1986). *Færøerne [Trip report]*.

GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset https://doi.org/10.15468/39omei accessed via GBIF.org on 2025-06-06.

Gilg, O., Sittler, B., Sabard, B., Hurstel, A., Sané, R., Delattre, P., & Hanski, I. (2006). Functional and numerical responses of four lemming predators in high arctic Greenland. *Oikos*, *113*(2), 193–216. https://doi.org/10.1111/j.2006.0030-1299.14125.x

Gillespie, M. A. K., Alfredsson, M., Barrio, I. C., Bowden, J. J., Convey, P., Culler, L. E., Coulson, S. J., Krogh, P. H., Koltz, A. M., Koponen, S., Loboda, S., Marusik, Y., Sandström, J. P., Sikes, D. S., & Høye, T. T. (2020). Status and trends of terrestrial arthropod abundance and diversity in the North Atlantic region of the Arctic. *Ambio*, *49*(3), 718–731. https://doi.org/10.1007/s13280-019-01162-5

Gíslason, G. M. (2021). The Aquatic Fauna of the North Atlantic Islands with Emphasis on Iceland. In E. Panagiotakopulu & J. P. Sadler (Eds.), *Biogeography in the Sub-Arctic* (pp. 103–112). Wiley. https://doi.org/10.1002/9781118561461.ch5

Hannon, G. E., Arge, S. V., Fosaa, A. M., Mahler, D. L., Olsen, B., & Richard H. (2009). Faroe Islands. In R. G. Gillespie & D. A. Clague (Eds.), *Encyclopedia of Islands* (pp. 291–297). University of California Press.

Hansen, K. (1964). Vascular plants in the Faeroes. *Dansk Botanisk Arkiv*, *24*(3).

Jóhansen, J. (1982). Vegetational development in the Faroes from 10.000 BP to the present. *Danmarks Geologiske Undersøgelser. Årbog 1981*, 111–136.

Kauri, H. (1980). Terrestrial invertebrates of the Faroe Islands: II. Harvest-spiders (Opiliones). *Fauna Norvegica, Series B*, *27*, 72–75.

Magnússon, B., Magnússon, S. H., Ólafsson, E., & Sigurdsson, B. D. (2014). Plant colonization, succession and ecosystem development on Surtsey with reference to neighbouring islands. *Biogeosciences*, *11*(19), 5521–5537. https://doi.org/10.5194/bg-11-5521-2014

Marteinsson, V., Klonowski, A., Reynisson, E., Vannier, P., Sigurdsson, B. D., & Ólafsson, M. (2015). Microbial colonization in diverse surface soil types in Surtsey and diversity analysis of its subsurface microbiota. *Biogeosciences*, *12*(4), 1191–1203. https://doi.org/10.5194/bg-12-1191-2015

Meidell, B. A., & Solhøy, T. (1990). Terrestrial Invertebrates of the Faroe Islands: VI Myriapods: Check-list, distribution, and habitats. In A. Minelli (Ed.), *Proceedings of the 7th International Congress of Myriapodology* (pp. 413–427). Brill.

Montgomery, G.A., Belitz, M.W., Guralnick, R.P. & Tingley, M.W. (2021). Standards and Best Practices for Monitoring and Benchmarking Insects. *Frontiers in Ecology and Evolution,* 8:579193. https://doi: 10.3389/fevo.2020.579193

Ólafsson, E., & Ingimarsdóttir, M. (2009). The land-invertebrate fauna on Surtsey during 2002–2006. *Surtsey Research*, *12*, 113–128.

Ross, L.C., Austrheim, G., Asheim, L.-J., Bjarnason, G., Feilberg, J., Fosaa, A. M., Hester, A.J., Holand, Ø., Jónsdóttir, I.S., Mortensen, L.E., Mysterud, A., Olsen, E., Skonhoft, A., Speed, J.D.M., Steinheim, G., Thompson, D.B.A., Thórhallsdóttir, A.G.(2016). Sheep grazing in the North Atlantic region: A long-term perspective on environmental sustainability. *Ambio*, *45*, 551–566.

Salomonsen, F. (1935). Aves. In S. Jensen, W. Lundbeck, & T. Mortensen (Eds.), *The Zoology of the Faroes, Volume III, Part II* (pp. 1–269). Andr. Fred. Høst & Søn.

Solhøy, T. (1981). Terrestrial invertebrates of the Faroe Islands: IV. Slugs and snails (Gastropoda): Checklist, distribution, and habitats. *Fauna Norvegica, Series A*, *2*, 14–27.

Spärck, R., Tuxen, S. L., Jensen, A. S., Lundbeck, W., & Mortensen, T. (Eds.). (1928). *The Zoology of the Faroes*. Andr. Fred. Høst & Søn.

Williamson, K. (1944). *Regional survey of Koltur, Faeroe Islands*.

Table 1: Plant species recorded from Koltur.

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Conocephalum conicum (L.) Dumort.	Marchantiophyta: Conocephalaceae		x	x		this study
Racomitrium sp. Brid.	Bryophyta: Grimmiaceae		x	x		this study
Hylocomiadelphus triquetrus (Hedw.) Ochyra & Stebel	Bryophyta: Hylocomiaceae		x	x		this study
Hylocomium splendens (Hedw.) Schimp.	Bryophyta: Hylocomiaceae		x	x		this study
Pleurozium schreberi (Willd. ex Brid.) Mitt.	Bryophyta: Hylocomiaceae		x	x		this study
Rhytidiadelphus squarrosus (Hedw.) Warnst.	Bryophyta: Hylocomiaceae		x	x		this study
Mnium hornum Hedw.	Bryophyta: Mniaceae		x	x		this study
Rhizomnium punctatum (Hedw.) T.J.Kop.	Bryophyta: Mniaceae		x	x		this study
Polytrichastrum sp. G.L.Sm.	Bryophyta: Polytrichaceae		x	x		this study
Polytrichum sp. Hedw.	Bryophyta: Polytrichaceae		x	x		this study
Sphagnum sp. L.	Bryophyta: Sphagnaceae		x	x		this study
Huperzia selago (L.) Bernh.	Tracheophyta: Lycopodiopsida: Lycopodiaceae		x	x		this study
Selaginella selaginoides (L.) Schrank & C.F.P.Mart.	Tracheophyta: Lycopodiopsida: Selaginellaceae	x	x			Hansen 1960; this study
Equisetum arvense L.	Tracheophyta: Polypodiopsida: Equisetaceae	x	x			Hansen 1960; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Equisetum palustre L.	Tracheophyta: Polypodiopsida: Equisetaceae		x	x		this study
Botrychium lunaria (L.) Sw.	Tracheophyta: Polypodiopsida: Ophioglossaceae	x	x			Hansen 1960; this study
Cystopteris fragilis (L.) Bernh.	Tracheophyta: Polypodiopsida: Cystopteridaceae	x	x			Hansen 1960; this study
Polypodium vulgare L.	Tracheophyta: Polypodiopsida: Polypodiaceae	x	x			Hansen 1960; this study
Narthecium ossifragum (L.) Huds.	Tracheophyta: Liliopsida: Nartheciaceae		x	x		this study
Juncus articulatus L.	Tracheophyta: Liliopsida: Juncaceae	x	x			Hansen 1960; this study
Juncus bufonius L.	Tracheophyta: Liliopsida: Juncaceae	x	x			Hansen 1960; this study
Juncus bulbosus L.	Tracheophyta: Liliopsida: Juncaceae	x	x			Hansen 1960; this study
Juncus triglumis L.	Tracheophyta: Liliopsida: Juncaceae	x	x			Hansen 1960; this study
Luzula congesta (Thuill.) Lej.	Tracheophyta: Liliopsida: Juncaceae		x	x	x	this study
Luzula multiflora (Ehrh.) Lej.	Tracheophyta: Liliopsida: Juncaceae	x	x			Hansen 1960; this study
Luzula spicata (L.) DC.	Tracheophyta: Liliopsida: Juncaceae	x	x			Hansen 1960; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Luzula sylvatica (Huds.) Gaudin	Tracheophyta: Liliopsida: Juncaceae	x	x			Hansen 1960; this study
Triglochin maritima L.	Tracheophyta: Liliopsida: Juncaginaceae		x	x		this study
Triglochin palustris L.	Tracheophyta: Liliopsida: Juncaginaceae	x	x			Hansen 1960 (as *Triglochin palustre*); this study
Agrostis canina L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Agrostis capillaris L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Agrostis stolonifera l.	Tracheophyta: Liliopsida: Poaceae		x	x		this study
Aira praecox L	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Alopecurus geniculatus L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Anthoxanthum odoratum L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Avenella flexuosa (L.) Drejer	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960 (as *Deschampsia flexuosa*); this study
Danthonia decumbens (L.) DC.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Deschampsia cespitosa subsp. *alpina* (L.) Tzvelev	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960 (as *Deschampsia alpina*); this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Elymus repens (L.) Gould	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Festuca rubra L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Festuca vivipara (L.) Sm.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Holcus lanatus L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Holcus mollis L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Nardus stricta L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Poa alpina L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Poa annua L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Poa pratensis L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Poa trivialis L.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Puccinellia distans (Jacq.) Parl.	Tracheophyta: Liliopsida: Poaceae	x	x			Hansen 1960; this study
Carex bigelowii Torr. ex Schwein.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Carex binervis Sm.	Tracheophyta: Liliopsida: Cyperaceae		x	x		this study
Carex demissa Hornem.	Tracheophyta: Liliopsida: Cyperaceae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Carex echinata Murray	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Carex flacca Schreb.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Carex leporina L.	Tracheophyta: Liliopsida: Cyperaceae		x	x		this study
Carex lyngbyei Hornem.	Tracheophyta: Liliopsida: Cyperaceae		x	x		this study
Carex nigra (L.) Reichard	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Carex oederi Retz.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Carex panicea L.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Carex pilulifera L.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Carex pulicaris L.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Eleocharis uniglumis (Link) Schult.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Eriophorum angustifolium Honck.	Tracheophyta: Liliopsida: Cyperaceae	x	x			Hansen 1960; this study
Dactylorhiza maculata (L.) Soó	Tracheophyta: Liliopsida: Orchidaceae	x	x			Hansen 1960; this study
Dactylorhiza majalis subsp. purpurella (T.Stephenson & T.A.Stephenson) D.M.Moore & Soó	Tracheophyta: Liliopsida: Orchidaceae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Dactylorhiza viridis (L.) R.M.Bateman, Pridgeon & M.W.Chase	Tracheophyta: Liliopsida: Orchidaceae	x	x			Hansen 1960 (as *Coeloglossum viride*); this study
Salix herbacea L.	Tracheophyta: Magnoliopsida: Salicaceae	x	x			Hansen 1960; this study
Koenigia islandica L.	Tracheophyta: Magnoliopsida: Polygonaceae	x	x			Hansen 1960; this study
Oxyria digyna (L.) Hill	Tracheophyta: Magnoliopsida: Polygonaceae	x	x			Hansen 1960; this study
Rumex acetosa L.	Tracheophyta: Magnoliopsida: Polygonaceae	x	x			Hansen 1960; this study
Rumex longifolius DC:	Tracheophyta: Magnoliopsida: Polygonaceae	x	x			Hansen 1960; this study
Rumex obtusifolius L.	Tracheophyta: Magnoliopsida: Polygonaceae		x	x		this study
Montia fontana L.	Tracheophyta: Magnoliopsida: Montiaceae	x	x			Hansen 1960; this study
Cerastium fontanum Baumg.	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960; this study
Cerastium nigrescens (H.C.Watson) Edmondston ex H.C.Watson	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960 (as *Cerastium*

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
						edmondstonii); this study
Sagina procumbens L.	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960; this study
Silene acaulis (L.) Jacq.	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960; this study
Silene dioica (L.) Clairv.	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960; this study
Silene flos-cuculi (L.) Greuter & Burdet	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960 (as *Lychnis flos-cuculi*); this study
Stellaria media (L.) Vill.	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960; this study
Stellaria palustris (Murray ex Ehrh.) Hoffm.	Tracheophyta: Magnoliopsida: Caryophyllaceae	x	x			Hansen 1960 (as *Stellaria uliginosa*); this study
Caltha palustris L.	Tracheophyta: Magnoliopsida: Ranunculaceae	x	x			Hansen 1960; this study
Ranunculus acris L.	Tracheophyta: Magnoliopsida: Ranunculaceae	x	x			Hansen 1960; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Ranunculus flammula L.	Tracheophyta: Magnoliopsida: Ranunculaceae	x	x			Hansen 1960; this study
Ranunculus repens L.	Tracheophyta: Magnoliopsida: Ranunculaceae	x	x			Hansen 1960; this study
Thalictrum alpinum L.	Tracheophyta: Magnoliopsida: Ranunculaceae	x	x			Hansen 1960; this study
Arabidopsis lyrata subsp. petraea (L.) O'Kane & Al-Shehbaz	Tracheophyta: Magnoliopsida: Brassicaceae	x	x			Hansen 1960 (as *Cardaminopsis petraea*); this study
Brassica rapa L.	Tracheophyta: Magnoliopsida: Brassicaceae	x				Hansen 1960
Capsella bursa-pastoris (L.) Medik.	Tracheophyta: Magnoliopsida: Brassicaceae	x	x			Hansen 1960; this study
Cardamine flexuosa With.	Tracheophyta: Magnoliopsida: Brassicaceae	x	x			Hansen 1960; this study
Cardamine pratensis L.	Tracheophyta: Magnoliopsida: Brassicaceae	x	x			Hansen 1960; this study
Cochlearia officinalis L.	Tracheophyta: Magnoliopsida: Brassicaceae	x	x			Hansen 1960; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Draba norvegica Gunnerus	Tracheophyta: Magnoliopsida: Brassicaceae	x	x			Hansen 1960; this study
Rhodiola rosea L.	Tracheophyta: Magnoliopsida: Crassulaceae	x	x			Hansen 1960; this study
Sedum villosum L.	Tracheophyta: Magnoliopsida: Crassulaceae	x	x			Hansen 1960; this study
Micranthes stellaris (L.) Galasso, Banfi & Soldano	Tracheophyta: Magnoliopsida: Saxifragaceae	x	x			Hansen 1960 (as *Saxifraga stellaris*); this study
Saxifraga cespitosa L.	Tracheophyta: Magnoliopsida: Saxifragaceae		x	x	x	this study
Saxifraga hypnoides L.	Tracheophyta: Magnoliopsida: Saxifragaceae	x	x			Hansen 1960; this study
Saxifraga oppositifolia L.	Tracheophyta: Magnoliopsida: Saxifragaceae	x	x			Hansen 1960; this study
Saxifraga rivularis L.	Tracheophyta: Magnoliopsida: Saxifragaceae	x	x			Hansen 1960; this study
Saxifraga rosacea Moench	Tracheophyta: Magnoliopsida: Saxifragaceae	x	x			Hansen 1960; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Alchemilla filicaulis Buser	Tracheophyta: Magnoliopsida: Rosaceae	x	x			Hansen 1960; this study
Argentina anserina (L.) Rydb.	Tracheophyta: Magnoliopsida: Rosaceae	x	x			Hansen 1960 (as *Potentilla anserina*); this study
Filipendula ulmaria (L.) Maxim.	Tracheophyta: Magnoliopsida: Rosaceae		x	x		this study
Potentilla erecta (L.) Raeusch.	Tracheophyta: Magnoliopsida: Rosaceae	x	x			Hansen 1960; this study
Lathyrus pratensis L.	Tracheophyta: Magnoliopsida: Fabaceae	x	x			Hansen 1960; this study
Trifolium repens L.	Tracheophyta: Magnoliopsida: Fabaceae	x	x			Hansen 1960; this study
Vicia cracca L.	Tracheophyta: Magnoliopsida: Fabaceae	x	x			Hansen 1960; this study
Geranium sylvaticum L.	Tracheophyta: Magnoliopsida: Geraniaceae		x	x		this study
Linum catharticium L.	Tracheophyta: Magnoliopsida: Linaceae		x	x		this study
Bistorta vivipara (L.) Delarbre	Tracheophyta: Magnoliopsida: Polygonaceae	x	x			Hansen 1960 (as *Polygonum viviparum*); this study
Polygala serpyllifolia Hosé	Tracheophyta: Magnoliopsida: Polygalaceae	x	x			Hansen 1960; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Polygala vulgaris L.	Tracheophyta: Magnoliopsida: Polygalaceae		x	x		this study
Hypericum pulchrum L.	Tracheophyta: Magnoliopsida: Hypericaceae		x	x		this study
Viola palustris L.	Tracheophyta: Magnoliopsida: Violaceae	x	x			Hansen 1960; this study
Viola riviniana Rchb.	Tracheophyta: Magnoliopsida: Violaceae	x	x			Hansen 1960; this study
Epilobium alsinifolium Vill.	Tracheophyta: Magnoliopsida: Onagraceae	x	x			Hansen 1960; this study
Epilobium lactiflorum Hausskn.	Tracheophyta: Magnoliopsida: Onagraceae	x	x			Hansen 1960; this study
Epilobium palustre L.	Tracheophyta: Magnoliopsida: Onagraceae	x	x			Hansen 1960; this study
Vaccinium myrtillus L.	Tracheophyta: Magnoliopsida: Ericaceae		x	x		this study
Armeria maritima (Mill.) Willd.	Tracheophyta: Magnoliopsida: Plumbaginaceae	x	x			Hansen 1960; this study
Galium saxatile L.	Tracheophyta: Magnoliopsida: Rubiaceae	x	x			Hansen 1960 (as *Galium hercynicum*); this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Myosotis discolor Pers.	Tracheophyta: Magnoliopsida: Boraginaceae	x	x			Hansen 1960; this study
Myosotis scorpioides L.	Tracheophyta: Magnoliopsida: Boraginaceae		x	x		this study
Galeopsis tetrahit L.	Tracheophyta: Magnoliopsida: Lamiaceae	x	x			Hansen 1960; this study
Prunella vulgaris L.	Tracheophyta: Magnoliopsida: Lamiaceae	x	x			Hansen 1960; this study
Thymus praecox Opiz	Tracheophyta: Magnoliopsida: Lamiaceae	x	x			Hansen 1960; this study
Pinguicula vulgaris L.	Tracheophyta: Magnoliopsida: Lentibulariaceae	x	x			Hansen 1960; this study
Euphrasia officinalis L.	Tracheophyta: Magnoliopsida: Orobanchaceae		x	x		this study
Rhinanthus groenlandicus (Ostenf.) Chabert	Tracheophyta: Magnoliopsida: Orobanchaceaea	x	x			Hansen 1960; this study
Rhinanthus minor L.	Tracheophyta: Magnoliopsida: Orobanchaceae	x	x			Hansen 1960; this study
Callitriche stagnalis Scop.	Tracheophyta: Magnoliopsida: Plantaginaeceae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Plantago lanceolata L.	Tracheophyta: Magnoliopsida: Plantaginaceae	x	x			Hansen 1960; this study
Plantago maritima L.	Tracheophyta: Magnoliopsida: Plantaginaceae	x	x			Hansen 1960; this study
Veronica officinalis L.	Tracheophyta: Magnoliopsida: Plantaginaceae	x	x			Hansen 1960; this study
Veronica serpyllifolia L.	Tracheophyta: Magnoliopsida: Plantaginaceae	x	x			Hansen 1960; this study
Bellis perennis L.	Tracheophyta: Magnoliopsida: Asteraceae	x	x			Hansen 1960; this study
Cirsium palustre (L.) Scop.	Tracheophyta: Magnoliopsida: Asteraceae		x	x		this study
Hieracium sect. oreadea	Tracheophyta: Magnoliopsida: Asteraceae		x	x		this study
Leontodon autumnalis Oeder, 1816	Tracheophyta: Magnoliopsida: Asteraceae	x	x			Hansen 1960; this study
Matricaria discoidea DC.	Tracheophyta: Magnoliopsida: Asteraceae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Matricaria maritima Fries ex Nyman, 1879	Tracheophyta: Magnoliopsida: Asteraceae	x	x			Hansen 1960; this study
Taraxacum officinale agg. Weber ex F.H.Wigg.	Tracheophyta: Magnoliopsida: Asteraceae	x	x			Hansen 1960; this study
Potamogeton polygonifolius Pourr.	Tracheophyta: Magnoliopsida: Potamogetonaceae		x	x		this study
Angelica archangelica L.	Tracheophyta: Magnoliopsida: Apiaceae	x	x			Hansen 1960 (as *Archangelica officinalis*); this study
Angelica sylvestris L.	Tracheophyta: Magnoliopsida: Apiaceae	x	x			Hansen 1960; this study
Succisa pratensis Moench	Tracheophyta: Magnoliopsida: Caprifoliaceae	x	x			Hansen 1960; this study
Total sum	**147**	**110**	**146**	**37**	**2**	

Table 2: Bird species recorded from Koltur. Bird species observed as breeding are indicated with B. Records written as "BP" in the source column refer to observations by Bjørn Patursson between 1994 and 2024.

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Anas crecca Linnaeus, 1758	Anseriformes	x				BP
Anas platyrhynchos Linnaeus, 1758	Anseriformes	x	B			BP; this study
Anser caerulescens (Linnaeus, 1758)	Anseriformes	x				Boertmann et al. 1986
Anser anser (Linnaeus, 1758)	Anseriformes	B	x			BP; this study
Anser brachyrhynchus Baillon, 1834	Anseriformes		x	x		this study
Clangula hyemalis (Linnaeus, 1758)	Anseriformes		x	x		this study
Cygnus cygnus (Linnaeus, 1758)	Anseriformes	x	x			BP
Mareca penelope (Linnaeus, 1758)	Anseriformes		x			this study
Mergus serrator Linnaeus, 1758	Anseriformes	x	x			BP; this study
Somateria mollissima (Linnaeus, 1758)	Anseriformes	B	B			BP; this study
Chordeiles minor (Forster, 1771)	Caprimulgiformes	x				Bruun 1969
Syrrhaptes paradoxus (Pallas, 1773)	Pterocliformes	x				Salomonsen 1935
Columba livia J.F.Gmelin, 1789	Columbiformes	x	B			BP; this study
Rallus aquaticus Linnaeus, 1758	Gruiformes	x	x			BP; this study
Fulica atra Linnaeus, 1758	Gruiformes		x	x		this study
Haematopus ostralegus Linnaeus, 1758	Charadriiformes	B	B			BP; this study
Pluvialis apricaria (Linnaeus, 1758)	Charadriiformes	x	x			BP; eBird
Charadrius hiaticula Linnaeus, 1758	Charadriiformes	x	x			BP; this study
Vanellus vanellus (Linnaeus, 1758)	Charadriiformes	B				Williamson 1944
Numenius phaeopus (Linnaeus, 1758)	Charadriiformes	B	B			BP; this study
Numenius arquata (Linnaeus, 1758)	Charadriiformes	x	x			BP; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Anas crecca Linnaeus, 1758	Anseriformes	x				BP
Anas platyrhynchos Linnaeus, 1758	Anseriformes	x	B			BP; this study
Anser caerulescens (Linnaeus, 1758)	Anseriformes	x				Boertmann et al. 1986
Anser anser (Linnaeus, 1758)	Anseriformes	B	x			BP; this study
Anser brachyrhynchus Baillon, 1834	Anseriformes		x	x		this study
Gallinago gallinago (Linnaeus, 1758)	Charadriiformes	B	B			BP; this study
Phalaropus lobatus (Linnaeus, 1758)	Charadriiformes	B				Frahm et al. 1986
Tringa totanus (Linnaeus, 1758)	Charadriiformes	B	B			BP; this study
Arenaria interpres (Linnaeus, 1758)	Charadriiformes	B	x			Bengtson 1988; this study
Calidris canutus (Linnaeus, 1758)	Charadriiformes	x				Frahm et al. 1986
Calidris alba (Pallas, 1764)	Charadriiformes		x	x		this study
Calidris alpina (Linnaeus, 1758)	Charadriiformes	x	x			BP; this study
Calidris maritima (Brünnich, 1764)	Charadriiformes	B	x			BP; this study
Sterna paradisaea Pontoppidan, 1763	Charadriiformes	B	B			BP; this study
Rissa tridactyla (Linnaeus, 1758)	Charadriiformes	B	x			BP; this study
Chroicocephalus ridibundus (Linnaeus, 1766)	Charadriiformes	B	B			BP; this study
Larus canus Linnaeus, 1758	Charadriiformes	B	x			Frahm et al. 1986; this study
Larus argentatus Pontoppidan, 1763	Charadriiformes	B	B			BP; this study
Larus marinus Linnaeus, 1758	Charadriiformes	B	B			BP; this study
Larus hyperboreus Gunnerus, 1767	Charadriiformes	x	x			BP; this study
Larus fuscus Linnaeus, 1758	Charadriiformes	x	x			BP; this study
Stercorarius parasiticus (Linnaeus, 1758)	Charadriiformes	x	x			BP; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Anas crecca Linnaeus, 1758	Anseriformes	x				BP
Anas platyrhynchos Linnaeus, 1758	Anseriformes	x	B			BP; this study
Anser caerulescens (Linnaeus, 1758)	Anseriformes	x				Boertmann et al. 1986
Anser anser (Linnaeus, 1758)	Anseriformes	B	x			BP; this study
Anser brachyrhynchus Baillon, 1834	Anseriformes		x	x		this study
Stercorarius skua (Brünnich, 1764)	Charadriiformes	B	B			BP; this study
Fratercula arctica (Linnaeus, 1758)	Charadriiformes	B	B			BP; this study
Cepphus grylle (Linnaeus, 1758)	Charadriiformes	B	B			BP; this study
Alle alle (Linnaeus, 1758)	Charadriiformes	x				BP; this study
Gavia stellata (Pontoppidan, 1763)	Gaviiformes	x	x			Bengtson & Bloch 1983; this study
Gavia immer (Brunnich, 1764)	Gaviiformes	x	x			BP; this study
Hydrobates pelagicus (Linnaeus, 1758)	Procellariiformes	B	B			BP; this study
Fulmarus glacialis (Linnaeus, 1761)	Procellariiformes	B	B			BP; this study
Puffinus puffinus (Brunnich, 1764)	Procellariiformes	B	B			BP; this study
Morus bassanus (Linnaeus, 1758)	Suliformes	x	x			This study
Phalacrocorax aristotelis (Linnaeus, 1761)	Suliformes	x	x			BP; this study
Botaurus lentiginosus (Rackett, 1813)	Pelecaniformes	x				Boertmann et al. 1986
Asio flammeus (Pontoppidan, 1763)	Strigiformes	x	x			this study
Falco columbarius Linnaeus, 1758	Falconiformes	x	x			BP; this study
Lanius collurio Linnaeus, 1758	Passeriformes	x				Salomonsen 1935
Corvus cornix Linnaeus, 1758	Passeriformes	B	x			BP; this study
Corvus corax Linnaeus, 1758	Passeriformes	B	B			BP; this study

Species	**Higher taxonomic level**	**Before 2019**	**After 2019**	**New Koltur**	**New Faroes**	**Source**
Anas crecca Linnaeus, 1758	Anseriformes	x				BP
Anas platyrhynchos Linnaeus, 1758	Anseriformes	x	B			BP; this study
Anser caerulescens (Linnaeus, 1758)	Anseriformes	x				Boertmann et al. 1986
Anser anser (Linnaeus, 1758)	Anseriformes	B	x			BP; this study
Anser brachyrhynchus Baillon, 1834	Anseriformes		x	x		this study
Bombycilla garrulus (Linnaeus, 1758)	Passeriformes	x				BP
Hirundo rustica Linnaeus, 1758	Passeriformes	x	x			BP; this study
Sylvia atricapilla (Linnaeus, 1758)	Passeriformes	x				BP
Troglodytes troglodytes (Linnaeus, 1758)	Passeriformes	B	B			BP; this study
Pastor roseus (Linnaeus, 1758)	Passeriformes		x	x		this study
Sturnus vulgaris Linnaeus, 1758	Passeriformes	B	B			BP; this study
Turdus iliacus Linnaeus, 1758	Passeriformes	x	x			BP; this study
Turdus merula Linnaeus, 1758	Passeriformes	B	x			BP; this study
Oenanthe oenanthe (Linnaeus, 1758)	Passeriformes	B	B			BP; this study
Motacilla alba Linnaeus, 1758	Passeriformes	x				BP
Anthus pratensis (Linnaeus, 1758)	Passeriformes	B	B			BP; this study
Anthus petrosus (Montagu, 1798)	Passeriformes	B	B			BP; this study
Spinus spinus (Linnaeus, 1758)	Passeriformes		x	x		this study
Plectrophenax nivalis (Linnaeus, 1758)	Passeriformes		x	x		this study
Total sum	**69**	**61**	**56**	**7**	**0**	

Table 3: Invertebrate species recorded from Koltur. Marine species are marked with an asterix.

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Velella velella (Linnaeus, 1758)*	Hydrozoa: Porpitidae		x	x		this study
Crenobia alpina (Dana, 1766)	Tricladida: Planariidae		x	x		this study
Cestoda sp.	Cestoda		x	x		this study
Patella vulgata Linnaeus, 1758*	Gastropoda: Patellidae		x	x		this study
Arion ater (Linnaeus, 1758)	Gastropoda: Arionidae	x	x			Solhøy 1981; this study
Arion intermedius Normand, 1852	Gastropoda: Arionidae	x				Solhøy 1981
Arion silvaticus Lohmander, 1937	Gastropoda: Arionidae	x				Solhøy 1981
Arion subfuscus (Draparnaud, 1805)	Gastropoda: Arionidae	x				Solhøy 1981
Deroceras agreste (Linnaeus, 1758)	Gastropoda: Agriolimacidae	x				Solhøy 1981
Deroceras reticulatum (O.F.Müller, 1774)	Gastropoda: Agriolimacidae	x	x			Solhøy 1981; this study
Lehmannia marginata (O.F.Müller, 1774)	Gastropoda: Limacidae	x				Solhøy 1981 (as *Limax marginatus*)
Columella aspersa Waldén, 1966	Gastropoda: Truncatellinidae	x				Solhøy 1981
Oxychilus alliarius (Miller 1822)	Gastropoda: Oxychilidae	x	x			Solhøy 1981; this study
Punctum pygmaeum (Draparnaud, 1801)	Gastropoda: Punctidae	x				Solhøy 1981
Vitrea contracta (Westerlund, 1871)	Gastropoda: Pristilomatidae	x				Solhøy 1981
Vitrina pellucida (O.F.Müller, 1774)	Gastropoda: Vitrinidae	x				Solhøy 1981

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Aporrectodea caliginosa (Savigny, 1826)	Crassiclitellata: Lumbricidae	x	x			Enckell & Rundgren 1983; this study
Aporrectodea rosea (Savigny, 1826)	Crassiclitellata: Lumbricidae	x				Enckell & Rundgren 1983 (as *Allolobophora rosea*)
Bimastos rubidus (Savigny, 1826)	Crassiclitellata: Lumbricidae	x				Enckell & Rundgren 1983 (as *Dendrobaena rubida*)
Dendrobaena octaedra (Savigny, 1826)	Crassiclitellata: Lumbricidae	x	x			Enckell & Rundgren 1983; this study
Eiseniella tetraedra (Savigny, 1826)	Crassiclitellata: Lumbricidae	x				Enckell & Rundgren 1983
Lumbricus castaneus (Savigny, 1826)	Crassiclitellata: Lumbricidae	x				Enckell & Rundgren 1983
Lumbricus rubellus Hoffmeister, 1843	Crassiclitellata: Lumbricidae	x	x			Enckell & Rundgren 1983; this study
Teladorsagia sp. Andreeva & Satubaldin, 1954	Rhabditida: Trichostrongylidae	x				Bergur Hanusson (pers. comm.)
Nematodirus battus Crofton & Thomas, 1951	Rhabditida: Molineida	x				Bergur Hanusson (pers. comm.)
Trichocephalus ovis Abilgaard, 1795	Trichinellida: Trichinellidae	x				Bergur Hanusson (pers. comm.)
Eudorylaimus carteri (Bastian, 1865) Andrássy, 1959	Dorylaimida: Dorylaimidae	x				Ditlevsen, Hj. (1928) (as *Dorylaimus carteri*)
Dorylaimus stagnalis Dujardin, 1845	Dorylaimida: Dorylaimidae	x				Ditlevsen, Hj. (1928)
Plectus cirratus Bastian, 1865	Plectida: Plectidae	x				Ditlevsen, Hj. (1928)
Diaforobiotus islandicus (Richters, 1904)	Tardigrada: Macrobiotidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Macrobiotus hufelandi group	Tardigrada: Macrobiotidae		x	x		this study
Macrobiotus echinogenitus Richters, 1903	Tardigrada: Macrobiotidae		x	x		this study
Ursulinius sp. Gasiorek, Stec, Morek & Michalczyk, 2019	Tardigrada: Isohypsibiidae		x	x	x	this study
Testechiniscus spitsbergensis (Scourfield, 1897)	Tardigrada: Echiniscidae		x	x	x	this study
Echiniscoides sigismundi M. Schultze, 1865*	Tardigrada: Echiniscidae		x	x		this study
Echiniscoides hoepneri Kristensen & Hallas, 1980*	Tardigrada: Echiniscidae		x	x	x	this study
Nemastoma bimaculatum (Fabricius, 1775)	Opiliones: Nemastomatidae	x	x			Kauri 1980; this study
Mitopus morio (Fabricius, 1779)	Opiliones: Phalangiidae	x	x			Kauri 1980; this study
Damaeus sp. Koch, 1835	Sarcoptiformes: Damaeidae		x	x		this study
"Oribatidae" spp.	Sarcoptiformes: Oribatidae		x	x		this study
Ixodes uriae White, 1852	Ixodida: Ixodidae		x	x		this study
Micaria pulicaria (Sundevall, 1831)	Araneae: Gnaphosidae		x	x	x	this study
Agyneta decora (O.Pickard-Cambridge, 1871)	Araneae: Linyphiidae		x	x		this study
Bolyphantes luteolus (Blackwall, 1833)	Araneae: Linyphiidae	x				Bengtson & Hauge 1979
Centromerita bicolor (Blackwall, 1833)	Araneae: Linyphiidae	x				Bengtson & Hauge 1979
Centromerita concinna (Thorell, 1875)	Araneae: Linyphiidae	x	x			Lissner et al 2016; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Centromerus arcanus (O.Pickard-Cambridge, 1873)	Araneae: Linyphiidae		x	x		this study
Ceratinella brevipes (Westring, 1851)	Araneae: Linyphiidae		x	x		this study
Diplocentria bidentata (Emerton, 1882)	Araneae: Linyphiidae		x	x		this study
Diplocephalus permixtus (O.Pickard-Cambridge, 1871)	Araneae: Linyphiidae		x	x		this study
Diplocephalus cristatus (Blackwall, 1833)	Araneae: Linyphiidae	x				Bengtson & Hauge 1979
Erigone atra Blackwall, 1833	Araneae: Linyphiidae		x	x		this study
Erigone dentigera O.Pickard-Cambridge, 1874	Araneae: Linyphiidae		x	x		this study (as *E. capra*)
Erigone promiscua (O.Pickard-Cambridge, 1873)	Araneae: Linyphiidae		x	x		this study
Gonatium rubens (Blackwall, 1833)	Araneae: Linyphiidae		x	x		this study
Gongylidiellum vivum (O.Pickard-Cambridge, 1875)	Araneae: Linyphiidae	x	x			Bengtson & Hauge 1979; this study
Leptorhoptrum robustum (Westring, 1851)	Araneae: Linyphiidae	x				Bengtson & Hauge 1979
Mecynargus morulus (O.P.-Cambridge, 1873)	Araneae: Linyphiidae	x	x			Bengtson et al 2004; this study
Oreoneta frigida (Thorell, 1872)	Araneae: Linyphiidae	x	x			Bengtson et al 2004 (as *Hilaira frigida*); this study
Oreonetides vaginatus (Thorell, 1872)	Araneae: Linyphiidae	x				Bengtson et al 2004
Palliduphantes ericaeus (Blackwall, 1853)	Araneae: Linyphiidae	x	x			Bengtson & Hauge 1979 (as *Lepthyphantes ericaceus*); this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Savignia frontata Blackwall, 1833	Araneae: Linyphiidae		x	x		this study
Tenuiphantes mengei (Kulczynski, 1887)	Araneae: Linyphiidae	x	x			Bengtson et al 2004
Tenuiphantes tenuis (Blackwall, 1852)	Araneae: Linyphiidae		x	x		this study
Tenuiphantes zimmermanni (Bertkau, 1890)	Araneae: Linyphiidae	x	x			Bengtson & Hauge 1979 (as Lepthyphantes zimmermanni); this study
Tiso vagans (Blackwall, 1834)	Araneae: Linyphiidae	x	x			Bengtson et al 2004; this study
Walckenaeria antica (Wider, 1834)	Araneae: Linyphiidae		x	x		this study
Walckenaeria clavicornis (Emerton, 1882)	Araneae: Linyphiidae	x				Bengtson et al 2004
Walckenaeria cuspidata Blackwall, 1833	Araneae: Linyphiidae		x	x		this study
Walckenaeria nudipalpis (Westring, 1851)	Araneae: Linyphiidae	x				Bengtson & Hauge 1979 (as *Walckenaera nudipalpis*)
Pardosa palustris (L., 1758)	Araneae: Lycosidae	x	x			Bengtson et al 2004; this study
Xysticus cristatus (Clerk, 1757)	Araneae: Thomisidae	x	x			Bengtson et al 2004; this study
Metellina merianae (Scopoli, 1763)	Araneae: Tetragnathidae	x				Bengtson & Hauge 1979 (as *Meta merianae*)
Cylindroiulus latestriatus (Curtis, 1845)	Diplopoda: Julidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Lithobius borealis Meinert, 1868	Chilopoda: Lithobiidae	x				Meidel & Solhøy 1990
Lamyctes emarginatus Newport, 1844	Chilopoda: Henicopidae	x				Meidel & Solhøy 1990 (as *Lamyctes fulvicornis*)
Hypogastrura purpurescens (Lubbock, 1867)	Collembola: Hypogastruridae		x	x		this study
Ceratophysella denticulata (Bagnall, 1941)	Collembola: Hypogastruridae		x	x		this study
Friesea mirabilis (Tullberg, 1871)	Collembola: Neanuridae		x	x		this study
Neanura muscorum (Templeton, 1835)	Collembola: Neanuridae		x	x		this study
Protaphorura cancellata (Gisin, 1956)	Collembola: Onychiuridae		x	x	x	this study
Protaphorura pannonica (Haybach, 1960)	Collembola: Onychiuridae		x	x	x	this study
Protaphorura pseudovanderdrifti (Gisin, 1957)	Collembola: Onychiuridae		x	x	x	this study
Protaphorura tricampata (Gisin, 1956)	Collembola: Onychiuridae		x	x		this study
Protaphorura vanderdrifti (Gisin, 1952)	Collembola: Onychiuridae		x	x		this study
Mesaphorura tenuisensillata Rusek, 1974	Collembola: Onychiuridae		x	x	x	this study
Mesaphorura sp. (nec *tenuisens*.)	Collembola: Onychiuridae		x	x		this study
Tetracanthella arctica Cassagnau, 1959	Collembola: Isotomidae		x	x		this study
Pseudanurophorus binoculatus Ksenemann, 1934	Collembola: Isotomidae		x	x	x	this study
Folsomia brevicauda Agrell, 1939	Collembola: Isotomidae		x	x		this study
Folsomia manolachei Bagnall, 1939	Collembola: Isotomidae		x	x		this study
Folsomia quadrioculata (Tullberg, 1871)	Collembola: Isotomidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Folsomia sexoculata Tullberg, 1871	Collembola: Isotomidae		x	x		this study
Proisotoma minuta (Tullberg, 1871)	Collembola: Isotomidae		x	x	x	this study
Parisotoma notabilis (Schäffer, 1896)	Collembola: Isotomidae		x	x		this study
Desoria olivacea (Tullberg, 1871)	Collembola: Isotomidae		x	x		this study
Desoria grisea (Lubbock, 1869)	Collembola: Isotomidae		x	x		this study
Isotoma anglicana Lubbock, 1862	Collembola: Isotomidae		x	x		this study
Isotoma caerulea Bourlet, 1839	Collembola: Isotomidae		x	x		this study
Isotoma viridis Bourlet, 1839	Collembola: Isotomidae		x	x		this study
Pseudisotoma monochaeta (Kos, 1942)	Collembola: Isotomidae		x	x		this study
Pseudisotoma sensibilis (Tullberg, 1876)	Collembola: Isotomidae		x	x		this study
Isotomurus fucicola (Schött, 1893)	Collembola: Isotomidae		x	x	x	this study
Isotomurus italicus Carapelli et al., 1995	Collembola: Isotomidae		x	x		this study
Isotomurus plumosus Bagnall, 1940	Collembola: Isotomidae		x	x		this study
Isotomurus pseudopalustris Carapelli et al., 2001	Collembola: Isotomidae		x	x	x	this study
Isotomurus unifasciatus (Börner, 1901)	Collembola: Isotomidae		x	x		this study
Entomobrya nicoleti (Lubbock, 1868)	Collembola: Entomobryidae		x	x		this study
Lepidocyrtus lignorum (Fabricius, 1793)	Collembola: Entomobryidae		x	x		this study
Lepidocyrtus violaceus (Geoffroy, 1762)	Collembola: Entomobryidae		x	x		this study
Tomocerus minor (Lubbock, 1862)	Collembola: Tomoceridae		x	x		this study
Arrhoplaites caecus (Tullberg, 1871)	Collembola: Arrhopalitidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Sphaeridia pumilis (Krausbauer, 1898)	Collembola: Sminthurididae		x	x		this study
Sminthurides malmgreni (Tullberg, 1876	Collembola: Sminthurididae		x	x		this study
Sminthurides parvulus (Krausbauer, 1898)	Collembola: Sminthurididae		x	x		this study
Sminthurides schoetti Axelson, 1903	Collembola: Sminthurididae		x	x		this study
Sminthurides signatus (Krausbauer, 1898)	Collembola: Sminthurididae		x	x	x	this study
Sminthurinus aureus (Lubbock, 1862)	Collembola: Katiannidae		x	x		this study
Heterosminthurus claviger Gisin, 1958	Collembola: Bourletiellidae		x	x		this study
Dicyrtomina minuta (O. Fabricius, 1783)	Collembola: Dicyrtomidae		x	x		this study
Dicyrtomina saundersi (Lubbock, 1862)	Collembola: Dicyrtomidae		x	x		this study
Petrobius brevistylis Carpenter, 1913	Archaeognatha: Machilidae		x	x		this study
Ctenolepisma longicaudatum Escherich, 1905	Zygentoma: Lepismatidae		x	x		this study
Forficula auricularia Linnaeus, 1758	Dermaptera: Forficulidae		x	x		this study
Aptinothrips rufus (Haliday, 1836)	Thysanoptera: Thripidae		x	x		this study
Philaenus spumarius (Linnaeus, 1758)	Hemiptera: Aphrophoridae		x	x		this study
Macrosteles sp. Fieber, 1866	Hemiptera: Cicadellidae		x	x		this study
Arctorthezia cataphracta (Olafsen, 1772)	Hemiptera: Ortheziidae		x	x		this study
Livia junci (Schrank 1789)	Hemiptera: Liviidae		x	x	x	this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Pachynematus rumicis (Linnaeus, 1758)	Hymenoptera: Tenthredinidae	x				Kryger & Schmiedeknecht 1938
Braconidae spp.	Hymenoptera: Braconidae		x	x		this study
Ichneumonidae spp.	Hymenoptera: Ichneumonidae		x			this study
Diadromus troglodytes (Gravenhorst, 1829)	Hymenoptera: Ichneumonidae	x				Kryger & Schmiedeknecht 1938
Mesoleptus splendens Gravenhorst 1829	Hymenoptera: Ichneumonidae	x				Kryger & Schmiedeknecht 1938 (as *Exolytus splendens*)
Lissonota coracina (Gmelin, 1790)	Hymenoptera: Ichneumonidae	x				Kryger & Schmiedeknecht 1938 (as *Lissonota bellator*)
Diadegma fenestrale (Holmgren, 1860)	Hymenoptera: Ichneumonidae	x				Kryger & Schmiedeknecht 1938 (as *Angitia fenestralis*)
Tryphon bidentatus Stephens, 1835	Hymenoptera: Ichneumonidae	x	x			Kryger & Schmiedeknecht 1938 (as *Tryphon incestus*); this study (as *Tryphon* sp.)
Ceraphronidea spp.	Hymenoptera: Ceraphronidea		x			this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Aphanogmus nanus (Nees von Esenbeck 1834)	Hymenoptera: Ceraphronidea	x				Kryger & Schmiedeknecht 1938 (as *Calliceras nigriceps*)
Aphanogmus terminalis (Foerster, 1861)	Hymenoptera: Ceraphronidea	x				Kryger & Schmiedeknecht 1938 (as *Calliceras terminalis*)
Aphanogmus fumipennis Thomson, 1858	Hymenoptera: Ceraphronidea	x				Kryger & Schmiedeknecht 1938
Lagynodes sp.	Hymenoptera: Megaspilidae	x	x			Kryger & Schmiedeknecht 1938 (as *Lagynodes niger*)
Conostigmus subfilicornis Kieffer, 1907	Hymenoptera: Megaspilidae	x				Kryger & Schmiedeknecht 1938
Proctotrupidae spp.	Hymenoptera: Proctotrupidae		x	x		this study
Aclista alticollis (Thomson, 1858)	Hymenoptera: Diapriidae		x	x	x	this study; Huebner et al. 2024
Basalys abruptus Thomson, 1858	Hymenoptera: Diapriidae		x	x	x	this study; Huebner et al. 2024
Trichopria ? aptera (Ruthe, 1859)	Hymenoptera: Diapriidae		x	x	x	this study; Huebner et al. 2024
Zygota parallela (Thomson, 1859)	Hymenoptera: Diapriidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Cyrtogaster vulgaris Walker, 1833	Hymenoptera: Pteromalidae	x	x	x		Kryger & Schmiedeknecht 1938; this study
Dirhicnus ramealis (Nees, 1834)	Hymenoptera: Pteromalidae		x	x	x	this study
Halticoptera sp. Spinola, 1811	Hymenoptera: Pteromalidae		x	x	x	this study
Seladerma sp. Walker, 1834	Hymenoptera: Pteromalidae		x	x	x	this study
Pegopus inornatus (Walker, 1834)	Hymenoptera: Pteromalidae	x	x	x		Kryger & Schmiedeknecht 1938 (as *Pegopus montanum*); this study
Spalangia erythromera Forster, 1850	Hymenoptera: Spalangiidae		x	x	x	this study
Spalangia nigra Latreille, 1805	Hymenoptera: Spalangiidae	x				Kryger & Schmiedeknecht 1938
Sympiesis cf. *acalle* (Walker, 1848)	Hymenoptera: Eulophidae			x	x	this study
Anaphes crassicornis (Soyka, 1949)	Hymenoptera: Mymaridae	x				Kryger & Schmiedeknecht 1938 (as *Patasson crassicornis*)
Anaphes sp.	Hymenoptera: Mymaridae		x	x	x	this study
Ooctonus insignis Haliday, 1833	Hymenoptera: Mymaridae	x	x			Kryger & Schmiedeknecht 1938 (as *Ooctonus major*); this study (as *Ooctonus* sp.)

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Platygastridae spp.	Hymenoptera: Platygastridae		x			this study
Platygaster striolata Nees von Esenbeck, 1834	Hymenoptera: Platygastridae	x				Kryger & Schmiedeknecht 1938 (as *Polygnotus striolatus*)
Platygaster dictys Walker, 1836	Hymenoptera: Platygastridae	x				Kryger & Schmiedeknecht 1938
Platygaster splendidula Ruthe, 1859	Hymenoptera: Platygastridae	x				Kryger & Schmiedeknecht 1938 (as *Platygaster leptocerus*)
Trimorus ovatus (Thomson, 1859)	Hymenoptera: Scelionidae	x				Kryger & Schmiedeknecht 1938 (as *Hoplogryon ovata*)
Alloxysta sp. Förster, 1869	Hymenoptera: Figitidae		x	x		this study
Phaenoglyphis sp. Förster, 1869	Hymenoptera: Figitidae		x	x		this study
Trybliographa atra (Hartig, 1840)	Hymenoptera: Figitidae	x				Kryger & Schmiedeknecht 1938 (as *Cothonaspis atra*)
Trybliographa sp. Förster, 1869	Hymenoptera: Figitidae		x	x		this study
Hexacola hexatoma (Hartig, 1841)	Hymenoptera: Figitidae	x				Kryger & Schmiedeknecht 1938
Calathus fuscipes (Goeze, 1777)	Coleoptera: Carabidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Calathus melanocephalus (Linnaeus, 1758)	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Carabus problematicus Herbst, 1786	Coleoptera: Carabidae		x	x		this study
Loricera pilicornis (Fabricius, 1775)	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Nebria rufescens (Ström, 1768)	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Nebria salina Fairmaire & Laboulbène, 1854	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Notiophilus biguttatus (Fabricius, 1779)	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Patrobus septentrionis Dejean, 1828	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Pterostichus nigrita (Paykull, 1790)	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Trechus obtusus Erichson, 1837	Coleoptera: Carabidae	x	x			Bengtson 1981; this study
Agabus bipustulatus (Linnaeus, 1767)	Coleoptera: Dytiscidae		x	x		this study
Helophorus aequalis Thomson 1868	Coleoptera: Helophoridae	x				Bengtson 1981 (as *H. aquaticus*)
Helophorus flavipes (Fabricius, 1792)	Coleoptera: Helophoridae	x	x			Bengtson 1981 (as *H. viridicollis*); this study
Helophorus brevipalpis Bedel 1881	Coleoptera: Helophoridae	x	x			Bengtson 1981 (as *H. guttulus*); this study
Anacaena globula (Paykull, 1798)	Coleoptera: Hydrophilidae	x	x			Bengtson 1981; this study
Cercyon haemorrhoidalis (Fabricius, 1775)	Coleoptera: Hydrophilidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Megasternum concinnum (Marsham, 1802)	Coleoptera: Hydrophilidae		x	x		this study
Acrotrichis sp. Motschulsky, 1848	Coleoptera: Ptiliidae		x	x		this study
Agathidium laevigatum Erichson, 1845	Coleoptera: Leiodidae		x	x	x	this study
Hydnobius punctatus (Sturm, 1807)	Coleoptera: Leiodidae		x	x		this study
Sciodrepoides watsoni (Spence, 1813)	Coleoptera: Leiodidae		x	x		this study
Aleochara sparsa Heer, 1839	Coleoptera: Staphylinidae	x				Bengtson 1981
Aloconota gregaria (Erichson, 1839)	Coleoptera: Staphylinidae	x	x			Bengtson 1981; this study
Atheta trinotata (Kraatz, 1856)	Coleoptera: Staphylinidae	x				Bengtson 1981 (as *Alaobia trinotata*)
Atheta graminicola (Gravenhorst, 1806)	Coleoptera: Staphylinidae		x	x		this study
Atheta excellens (Kraatz, 1856)	Coleoptera: Staphylinidae		x	x		this study
Atheta celata (Erichson, 1837)	Coleoptera: Staphylinidae	x				Bengtson 1981 (as *Datomicra celata*)
Atheta atramentaria (Gyllenhal, 1810)	Coleoptera: Staphylinidae		x	x		this study
Atheta amicula (Stephens, 1832)	Coleoptera: Staphylinidae	x	x			Bengtson 1981; this study
Atheta melanocera (C.G.Thomson, 1856)	Coleoptera: Staphylinidae	x	x			Bengtson 1981 (as *Philhygra melanocera*); this study
Boreophilia islandica (Kraatz, 1857)	Coleoptera: Staphylinidae		x	x		this study
Cypha laeviuscula (Mannerheim, 1830)	Coleoptera: Staphylinidae	x	x			Bengtson 1981; this study
Mocyta fungi (Gravenhorst, 1806)	Coleoptera: Staphylinidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Arpedium brachypterum (Gravenhorst, 1802)	Coleoptera: Staphylinidae	x	x			Bengtson 1981 (as *Eucnecosum brachypterum*)
Lesteva longoelytra Goeze, 1777	Coleoptera: Staphylinidae	x	x			Bengtson 1981; this study
Lesteva monticola Kiesenwetter, 1847	Coleoptera: Staphylinidae		x	x		this study
Olophrum fuscum (Gravenhorst, 1806)	Coleoptera: Staphylinidae		x	x		this study
Omalium excavatum Stephens, 1834	Coleoptera: Staphylinidae	x				Bengtson 1981
Omalium rivulare (Paykull, 1789)	Coleoptera: Staphylinidae		x	x		this study
Xylodromus concinnus (Marsham, 1802)	Coleoptera: Staphylinidae		x	x		this study
Stenichnus collaris (P.W.J.Müller & Kunze, 1822)	Coleoptera: Staphylinidae		x	x		this study
Othius angustus Stephens, 1833	Coleoptera: Staphylinidae		x	x		this study
Othius punctulatus (Goeze, 1777)	Coleoptera: Staphylinidae		x	x		this study
Othius subuliformis Stephens, 1833	Coleoptera: Staphylinidae	x				Bengtson 1981 (as *O. myrmecophilus*)
Philonthus marginatus (O.F.Müller, 1764)	Coleoptera: Staphylinidae		x	x		this study
Quedius curtipennis Bernhauer, 1908	Coleoptera: Staphylinidae		x	x		this study
Quedius nitipennis (Stephens, 1833)	Coleoptera: Staphylinidae		x	x		this study
Quedius umbrinus Erichson, 1839	Coleoptera: Staphylinidae		x	x		this study
Stenus nitidiusculus Stephens, 1833	Coleoptera: Staphylinidae	x	x			Bengtson 1981; this study
Stenus brunnipes Stephens, 1833	Coleoptera: Staphylinidae		x	x		this study
Stenus impressus Germar, 1823	Coleoptera: Staphylinidae		x	x		this study
Tachinus rufipes (Linnaeus, 1758)	Coleoptera: Staphylinidae	x	x			Bengtson 1981; this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Palporus nitidulus (Fabricius, 1781)	Coleoptera: Staphylinidae		x	x		this study
Agrilinus ater (Degeer, 1774)	Coleoptera: Scarabaeidae		x	x		this study
Planolinoides borealis (Gyllenhal, 1827)	Coleoptera: Scarabaeidae		x	x	x	this study
Calyptomerus dubius (Marsham, 1802)	Coleoptera: Clambidae		x	x	x	this study
Elodes pseudominuta Klausnitzer, 1971	Coleoptera: Scirtidae		x	x		this study
Cytilus sericeus (Forster, 1771)	Coleoptera: Byrrhidae		x	x	x	this study
Simplocaria semistriata (Fabricius, 1794)	Coleoptera: Byrrhidae	x	x			Bengtson 1981; this study
Hypnoidus riparius (Fabricius, 1792)	Coleoptera: Elateridae	x	x			Bengtson 1981; this study
Ptinus tectus Boieldieu, 1856	Coleoptera: Ptiniidae		x	x		this study
Atomaria apicalis Erichson, 1846	Coleoptera: Cryptophagidae	x	x			Bengtson 1981; this study (as *Atomaria* sp.)
Latridius minutus (Linnaeus, 1767)	Coleoptera: Latridiidae	x	x			Bengtson 1981; this study
Apion cruentatum Walton, 1844	Coleoptera: Brentidae		x	x		this study
Barynotus squamosus Germar, 1823	Coleoptera: Curculionidae		x	x		this study
Notaris aethiops (Paykull & G.de, 1792)	Coleoptera: Curculionidae		x	x		this study
Otiorhynchus arcticus (Fabricius, 1780)	Coleoptera: Curculionidae	x	x			Bengtson 1981; this study
Otiorhynchus nodosus (O.F.Müller, 1764)	Coleoptera: Curculionidae		x	x		this study
Tropiphorus obtusus (Bonsdorff, 1785)	Coleoptera: Curculionidae	x	x			Bengtson 1981; this study
Chrysoperla carnea (Stephens, 1836)	Neuroptera: Chrysopidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Hepialus humuli (Linnaeus, 1758)	Lepidoptera: Hepialidae	x	x			Jensen & Sivertsen 2010; this study
Monopis laevigella (Denis & Schiff., 1775)	Lepidoptera: Tineidae	x				Jensen & Sivertsen 2010
Eana osseana (Scopoli, 1763)	Lepidoptera: Tortricidae	x				Jensen & Sivertsen 2010
Catoptria furcatellus Zetterstedt, 1840	Lepidoptera: Pyralidae		x	x		this study
Nomophila noctuella (Denis & Schiffermüller)	Lepidoptera: Pyralidae	x				Jensen & Sivertsen 2010
Scoparia ambigualis Treitschke, 1829	Lepidoptera: Pyralidae		x	x		this study
Vanessa atalanta (Linnaeus, 1758)	Lepidoptera: Nymphalidae		x	x		this study
Vanessa cardui (Linnaeus, 1758)	Lepidoptera: Nymphalidae		x	x		this study
Crambus pascuella Linnaeus, 1758	Lepidoptera: Crambidae		x	x		this study
Perizoma didymata (Linnaeus, 1758)	Lepidoptera: Geometridae	x	x			FINM collection (as *Mesotype didymata*); this study
Xanthorhoe decoloraria (Esper)	Lepidoptera: Geometridae	x	x			Jensen & Sivertsen 2010; this study
Xanthorhoe fluctuata (Linnaeus, 1758)	Lepidoptera: Geometridae		x	x		this study
Apamea crenata (Hufnagel, 1766)	Lepidoptera: Noctuidae	x	x			Jensen & Sivertsen 2010; this study
Autographa gamma (Linnaeus, 1758)	Lepidoptera: Noctuidae	x	x			Jensen & Sivertsen 2010; this study
Cerapteryx graminis Linnaeus, 1758	Lepidoptera: Noctuidae	x	x			Jensen & Sivertsen 2010; this study
Diarsia mendica Fabricius, 1775	Lepidoptera: Noctuidae		x	x		this study
Noctua pronuba Linnaeus, 1758	Lepidoptera: Noctuidae	x				Jensen & Sivertsen 2010

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Standfussiana lucernea Linnaeus, 1758	Lepidoptera: Noctuidae	x				Jensen & Sivertsen 2010
Apatania muliebris McLachlan, 1866	Trichoptera: Apataniidae	x				Henriksen 1937
Limnephilidae sp.	Trichoptera: Limnephilidae		x	x		this study
Plectrocnemia conspersa (Curtis, 1834)	Trichoptera: Polycentropodidae		x	x		this study
Prionocera turcica (Fabricius, 1787)	Diptera: Tipulidae		x	x		this study
Tipula oleracea Linnaeus, 1758	Diptera: Tipulidae		x	x	x	this study
Tipula paludosa Meigen, 1830	Diptera: Tipulidae	x	x			Pedersen 1971; this study
Tipula subnodicornis Zetterstedt, 1838	Diptera: Tipulidae		x	x		this study
Dicranomyia sp. Stephens, 1829	Diptera: Limoniidae		x	x		this study
Dicranophragma nemorale (Meigen, 1818)	Diptera: Limoniidae		x	x	x	this study
Erioconopa trivialis (Meigen, 1818)	Diptera: Limoniidae	x	x			Pedersen 1971; this study
Erioptera flavata (Westhoff, 1882)	Diptera: Limoniidae		x	x	x	this study
Erioptera fuscipennis Meigen, 1818	Diptera: Limoniidae		x	x		this study
Euphylidorea meigenii (Verrall, 1886)	Diptera: Limoniidae		x	x		this study
Gonomyia dentata de Meijere, 1920	Diptera: Limoniidae		x	x		this study
Molophilus sp. Curtis, 1833	Diptera: Limoniidae		x	x		this study
Ormosia hederae (Curtis, 1835)	Diptera: Limoniidae	x	x			Pedersen 1971; this study
Tricyphona immaculata (Meigen, 1804)	Diptera: Pediciidae		x	x		this study
Bibio nigriventris Haliday, 1833	Diptera: Bibionidae		x	x		this study
Dilophus femoratus Meigen, 1804	Diptera: Bibionidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Allodia lugens (Wiedemann, 1817)	Diptera: Mycetophilidae		x	x		this study
Brevicornu cf. *sericoma* (Meigen, 1830)	Diptera: Mycetophilidae		x	x		this study
Boletina trivittata (Meigen, 1818)	Diptera: Mycetophilidae		x	x		this study
Coelosia cf. *tenella* (Zetterstedt, 1852)	Diptera: Mycetophilidae		x	x	x	this study
Exechia fusca (Meigen, 1804)	Diptera: Mycetophilidae		x	x		this study
Mycomya lambi Edwards 1941	Diptera: Mycetophilidae		x	x		this study
Mycomya griseovittata (Zetterstedt 1852)	Diptera: Mycetophilidae		x	x	x	this study
Sceptonia sp. Winnertz, 1863	Diptera: Mycetophilidae		x	x	x	this study
Sciophila nigronitida Landrock, 1912	Diptera: Mycetophilidae		x	x		this study
Zygomyia cf. *notata* (Stannius, 1831)	Diptera: Mycetophilidae		x	x	x	this study
Sciaridae spp.	Diptera: Sciaridae		x			this study
Bradysia nitidicollis (Meigen, 1818)	Diptera: Sciaridae	x				Pedersen 1971
Bradysia pallipes (Fabricius, 1787)	Diptera: Sciaridae	x				Pedersen 1971
Cecidomyiidae spp.	Diptera: Cecidomyiidae		x	x		this study
Pericoma pseudoexquisita Freeman 1950	Diptera: Psychodidae		x	x		this study
Psychoda albipennis Zetterstedt 1850	Diptera: Psychodidae		x	x		this study
Psychoda griscecens Tonnoir 1922	Diptera: Psychodidae		x	x		this study
Psychoda trinodulosa Tonnoir 1922	Diptera: Psychodidae		x	x	x	this study
Sylvicola cinctus (Fabricius, 1787)	Diptera: Anisopodidae		x	x	x	this study
Scatopse notata (Linnaeus, 1758)	Diptera: Scatopsidae	x	x			Pedersen 1971; this study
Simulium sp.	Diptera: Simuliidae		x	x		this study
Chaetocladius perennis (Meigen, 1830)	Diptera: Chironomidae	x				Pedersen 1971

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Chironomus riparius Meigen, 1804	Diptera: Chironomidae		x	x	x	this study
Diamesa cf. *arctica* (Boheman, 1865)	Diptera: Chironomidae		x	x	x	this study
Diamesa bohemani/zernyi gr.	Diptera: Chironomidae		x	x	x	this study
Eukiefferiella claripennis (Lundbeck, 1898)	Diptera: Chironomidae		x	x		this study
Eukiefferiella minor (Edwards, 1929)	Diptera: Chironomidae	x	x			Pedersen 1971; this study
Halocladius fucicola (Edwards, 1926)	Diptera: Chironomidae		x	x		this study
Halocladius variabilis (Staeger, 1839)	Diptera: Chironomidae	x				Pedersen 1971 (as *Cricotopus vitripennis*)
Macropelopia nebulosa (Meigen, 1804)	Diptera: Chironomidae	x	x			Pedersen 1971; this study
Metriocnemus fuscipes (Meigen, 1818)	Diptera: Chironomidae	x				Pedersen 1971
Micropsectra atrofasciata (Kieffer, 1911)	Diptera: Chironomidae	x	x			Pedersen 1971; this study
Micropsectra cf. *radialis* Goetghebuer, 1939	Diptera: Chironomidae		x	x		This study
Orthocladius fuscimanus (Kieffer & Thienemann, 1908)	Diptera: Chironomidae	x				Pedersen 1971
Parochlus kiefferi (Garrett, 1925)	Diptera: Chironomidae		x	x		this study
Smittia pratorum (Goetghebuer, 1927)	Diptera: Chironomidae	x				Pedersen 1971
Synorthocladius semivirens (Kieffer, 1909)	Diptera: Chironomidae		x	x		this study
Tanytarsus gracilentus Holmgren, 1883	Diptera: Chironomidae		x	x	x	this study
Telmatogeton murrayi Saether, 2009	Diptera: Chironomidae		x	x	x	this study
Thienemanniella sp. Kieffer, 1911	Diptera: Chironomidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Tvetenia calvescens (Edwards, 1929)	Diptera: Chironomidae		x	x		this study
Platypalpus longicornis (Meigen, 1822)	Diptera: Hybotidae		x	x		this study
Platypalpus nigritarsis (Fallén, 1816)	Diptera: Hybotidae		x	x		this study
Tachypeza sp. Meigen, 1830	Diptera: Hybotidae		x	x		this study
Chelifera precatoria (Fallén, 1816)	Diptera: Empididae		x	x		this study
Hilara sp. Meigen, 1822	Diptera: Empididae		x	x		this study
Rhamphomyia erythrophthalma Meigen, 1830	Diptera: Empididae		x	x		this study
Wiedemannia sp. Zetterstedt, 1838	Diptera: Empididae		x	x		this study
Campsicnemus armatus (Zetterstedt, 1849)	Diptera: Dolichopodidae	x	x			Lyneborg 1968; this study
Dolichopus brevipennis Meigen, 1824	Diptera: Dolichopodidae		x	x	x	this study
Dolichopus nubilus Meigen, 1824	Diptera: Dolichopodidae		x	x		this study
Dolichopus plumipes (Scopoli, 1763)	Diptera: Dolichopodidae	x	x			Lyneborg 1968; this study
Dolichopus cf. *simplex* Meigen, 1824	Diptera: Dolichopodidae		x	x	x	this study
Sympycnus pulicarius (Fallén, 1823)	Diptera: Dolichopodidae	x	x			Lyneborg 1968 (as *Sympycnus desoutteri*); this study (as *Sympycnus* sp.)
Syntormon pallipes (Fabricius, 1794)	Diptera: Dolichopodidae	x	x			Lyneborg 1968; this study
Teuchophorus sp. Loew, 1857	Diptera: Dolichopodidae		x	x		this study
Diplonevra funebris (Meigen, 1830)	Diptera: Phoridae		x	x		this study
Megaselia hyalipennis (Wood, 1912)	Diptera: Phoridae		x	x	x	this study
Megaselia pumila (Meigen, 1830)	Diptera: Phoridae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Megaselia quadriseta Schmitz, 1918	Diptera: Phoridae		x	x	x	this study
Megaselia sordida (Zetterstedt, 1838)	Diptera: Phoridae	x	x			Lyneborg 1968; this study
Phora sp. Latreille, 1796	Diptera: Phoridae		x	x	x	this study
Lonchoptera lutea Meigen	Diptera: Lonchopteridae	x	x			Lyneborg 1968; this study
Helophilus pendulus (Linnaeus, 1758)	Diptera: Syrphidae	x				FINM collection
Lejogaster metallina (Fabricius, 1777)	Diptera: Syrphidae	x				Lyneborg 1968
Melanostoma scalare (Fabricius, 1794)	Diptera: Syrphidae		x	x		this study
Platycheirus albimanus (Fabricius, 1781)	Diptera: Syrphidae		x	x		this study
Platycheirus clypeatus (Meigen, 1822)	Diptera: Syrphidae	x	x			Lyneborg 1968
Platycheirus occultus Goeldlin de Tiefenau, Maibach & Speight, 1990	Diptera: Syrphidae		x	x		this study
Psilidae sp.	Diptera: Psilidae		x	x		this study
Lauxaniidae sp.	Diptera: Lauxaniidae		x	x		this study
Themira arctica (Becker, 1915)	Diptera: Sepsidae		x	x		this study
Themira lucida (Staeger, 1844)	Diptera: Sepsidae	x	x			Lyneborg 1968; this study
Agromyzidae spp.	Diptera: Agromyzidae		x	x		this study
Geomyza balachowskyi Mesnil, 1934	Diptera: Opomyzidae		x	x		this study
Heleomyzidae sp.	Diptera: Heleomyzidae		x	x		this study
Cetema elongatum (Meigen, 1830)	Diptera: Chloropidae		x	x		this study
Chlorops hypostigma Meigen, 1830	Diptera: Chloropidae	x	x			Lyneborg 1968; this study
Oscinella cf. *frit* (Linnaeus, 1758)	Diptera: Chloropidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Copromyza nigrina (Gimmerthal, 1847)	Diptera: Sphaeroceridae		x	x		this study
Crumomyia nitida (Meigen, 1830)	Diptera: Sphaeroceridae		x	x		this study
Ischiolepta denticulata (Meigen, 1830)	Diptera: Sphaeroceridae		x	x	x	this study
Ischiolepta pusilla (Fallén, 1820)	Diptera: Sphaeroceridae		x	x		this study
Leptocera fontinalis (Fallén, 1826)	Diptera: Sphaeroceridae		x	x		this study
Lotophila atra (Meigen, 1830)	Diptera: Sphaeroceridae	x	x			Lyneborg 1968; this study
Minilimosina vitripennis (Zetterstedt, 1847)	Diptera: Sphaeroceridae		x	x		this study
Spelobia clunipes (Meigen, 1830)	Diptera: Sphaeroceridae		x	x		this study
Thoracochaeta zosterae (Haliday, 1833)	Diptera: Sphaeroceridae		x	x		this study
Drosophilidae sp.	Diptera: Drosophilidae		x			this study
Scaptomyza pallida (Zetterstedt, 1847)	Diptera: Drosophilidae	x				Lyneborg 1968
Hydrellia griseola (Fallén, 1813)	Diptera: Ephydridae		x	x		this study
Ilythea spilota (Curtis, 1832)	Diptera: Ephydridae		x	x		this study
Limnellia quadrata (Fallén, 1813)	Diptera: Ephydridae	x				Lyneborg 1968
Melophagus ovinus (Linnaeus, 1758)	Diptera: Hippoboscidae	x				BP pers. comm.
Ornithomya chloropus (Bergroth, 1901)	Diptera: Hippoboscidae		x	x		this study
Scathophaga furcata (Say, 1823)	Diptera: Scathophagidae		x	x		this study
Scathophaga stercoraria (Linnaeus, 1758)	Diptera: Scathophagidae	x	x			Lyneborg 1968; this study
Alliopsis conifrons (Zetterstedt, 1845)	Diptera: Anthomyiidae		x	x		this study
Botanophila rubrigena (Schnabl, 1915)	Diptera: Anthomyiidae		x	x	x	this study
Botanophila striolata (Fallén, 1824)	Diptera: Anthomyiidae		x	x		this study
Delia lophota (Fallén, 1824)	Diptera: Anthomyiidae		x	x		this study

Species	Higher taxonomic level	Before 2019	After 2019	New Koltur	New Faroes	Source
Delia echinata (Séguy, 1923)	Diptera: Anthomyiidae		x	x		this study
Lasiomma picipes (Meigen, 1826)	Diptera: Anthomyiidae		x	x	x	this study
Pegomya bicolor (Wiedemann, 1817)	Diptera: Anthomyiidae		x	x		this study
Pegoplata infirma (Meigen, 1826)	Diptera: Anthomyiidae		x	x		this study
Fannia postica (Stein, 1895)	Diptera: Fanniidae	x	x			Lyneborg 1968; this study (as *Fannia* sp.)
Myospila meditabunda (Fabricius, 1781)	Diptera: Muscidae	x				Lyneborg 1968
Schoenomyza litorella (Fallén, 1823)	Diptera: Muscidae	x				Lyneborg 1968
Hydrotaea dentipes (Fabricius, 1805)	Diptera: Muscidae	x				Lyneborg 1968
Helina evecta (Harris, 1780)	Diptera: Muscidae		x	x		this study
Cynomya mortuorum (Linnaeus, 1761)	Diptera: Calliphoridae		x	x		this study
Protophormia terraenovae (Robineau-Desvoidy, 1830)	Diptera: Calliphoridae	x				FINM collection
Siphonaptera sp.	Siphonaptera		x	x		this study
Isopoda sp.	Isopoda		x	x		this study
Gammarus sp. Fabricius, 1775	Amphipoda: Gammaridae		x	x		this study
Chthamalus stellatus (Poli, 1791)*	Sessilia: Chthamalidae		x	x		this study
Total sum	**391**	**147**	**317**	**242**	**49**	