



MANX NATURAL HISTORY

Select Bibliography

No. 13

October 2009



The Sulby Valley

General works

Chiverrell, Richard, Thomas, Geoffrey
The Evolution of the Natural Landscape

In New History of the Isle of Man Vol. 1.
Liverpool: Liverpool University Press, 2006
ISBN 0-85323-587-2

Including geology, post-glacial vegetation and fauna,
and the contemporary environment, biodiversity and
conservation.

Library Ref F64/207

Garrad, L.S.

The Naturalist in the Isle of Man

Newton Abbot: David & Charles, 1972
ISBN 0-7153-5628-3

Still of some relevance as a general introduction,
though mostly superseded by later accounts.
Library Ref A38

Garrad, L.S.

In 100 Years of Heritage

Douglas: Manx Museum and National Trust, 1986
ISBN 0-948308-04-4

Chapters on natural history pp. 116-133 and Manx
National Trust lands pp. 168-189.

Library Ref A365q

Two geological events have had a significant effect on the modern wildlife of the Isle of Man; the last ice age and the severance of the land bridge joining the mainland of Britain to the Island. During the period of maximum ice expansion species, which may have previously lived on the Isle of Man, would either have died out or migrated to a warmer climate. It is believed that all vertebrate species now found in the Isle of Man must have either crossed the sea or arrived via the land bridge before it was submerged beneath the Irish Sea. There are few native mammals on the Isle of Man, and many species now considered as Manx wildlife have been introduced by anthropogenic means. In general, the Manx fauna is similar to that which may be found in the neighbouring British Isles, although a number of species, which are considered to be widespread across Britain do not occur in the Isle of Man. Common frog, is the only amphibian species native to the Isle of Man and the only indigenous reptile is the common lizard.

Mammals

The following mammal species occur in the Isle of Man:

Chiroptera (Bats): pipistrelle, soprano pipistrelle, Natterer's, common long eared, Leisler's, Daubenton's, whiskered;

Insectivora: hedgehog, pygmy shrew;

Lagomorpha: rabbit, brown hare, mountain hare,

Rodentia: woodmouse, brown rat, house mouse;

Carnivora: stoat, common seal, grey seal, polecat-ferret (also known as feral ferret);

Cetacea: harbour porpoise, bottle nosed dolphin, Rissos dolphin, minke whale, orca and others.

A few species, such as the grey seal, for which the UK holds much of the global resource, are here in abundance. There are also small, but well established, feral populations of wallabies and goats.

Birds



Common Guillemots

The Manx avifauna is essentially similar to that of mainland Britain. However several common British bird species are rare or absent on the Isle of Man, whilst conversely, some common Manx species are far less common in the UK. Birds not recorded, or recorded only on passage through the Isle of Man, include some woodland species (*e.g.* all three British woodpeckers, jays, hawfinches, tawny owls, nuthatches, willow, and marsh tits) and also common buzzards, dippers, little owls, bullfinches and kingfishers. Also scarce or absent are several species for which the Isle of Man is outside the usual breeding range (*eg.* nightingale, reed warbler, nightjar, Dartford warbler. Notable species which are common on the Isle of Man, include choughs, hen harriers, and peregrine falcons. Corncrakes still breed in very small numbers and there is an expanding population of escaped red-winged laughing thrushes. There are various game bird species, but apart from quails all are likely to have been introduced.

Calf of Man Bird Observatory Reports

1960-date

Douglas: Manx National Heritage
Annual reports.

Library Ref A106

Cullen, J.P.; Jennings, P.P.

Birds of the Isle of Man

Douglas: Bridgeen Publications, 1986

ISBN 0-9511499-0-3

A comprehensive guide to all species of birds recorded in the Isle of Man.

Library Ref A106/22

Kermode, P.M.C.

List of Birds of the IOM with notes

In *Yn Lioar Manninagh* Vol. 3 pp. 516-543

Douglas: IOMNHAS, 1902

With some Manx names for birds.

Library Ref L6

Madoc, H.W.

Bird-Life in the Isle of Man

London: H.F.G. Witherby, 1934

Library Ref A106/10

Sharpe, Chris (editor)

Manx Bird Atlas

Liverpool: Liverpool University Press 2007

ISBN 978-1-84631-039-3

The result of five years detailed survey work to map the populations of breeding and wintering birds in the Isle of Man.

Library Ref A106

Peregrine 1941-date

Manx Ornithological Society

Journal

Journal of the society with much useful information.

Library Ref L6/P3

Ralfe, P.G.

The Birds of the Isle of Man

Edinburgh: David Douglas, 1905

Library Ref A106/7

Ralfe, P.G.

Supplementary notes to the Birds of the Isle of Man July 1923

Edinburgh: David Douglas, 1923

Library Ref A106/7A

Conservation and Land Management



Gob ny Rona

Of course the landscape and biodiversity of the Isle of Man would not be as rich as it is to-day without those who care for or manage our wildlife and the habitats that they depend upon. Manx National Heritage (MNH) plays a major role in the conservation of the landscape. It presently manages areas as diverse as coastal dune systems at the Ayres, the Calf of Man Bird Observatory and Ballaugh Curraghs, an extensive area of wetland bog in the north of the Island. The importance of the natural environment is increasingly being recognized, and MNH aims to balance economic use, nature conservation and recreation to produce workable policies for the sustainable use of our natural environment.

Ayres National Nature Reserve

Annual Reports 2001-02, 2004-05

Douglas: DAFF

Library Ref A38/25

Fullen, M.A.; Harris, J.; Kear, B.S.

Soils of the Isle of Man

Centre for Manx Studies Research Report 5,

Douglas: Centre for Manx Studies, 1996

ISBN 1-899338-04-7

Library Ref A224/78q

Garrad, L.S.

Nature Conservation

In The Isle of Man: Celebrating a Sense of Place

Liverpool: Liverpool University Press, 1990

ISBN 0-85323-036-6

pp. 90-98

Library Ref F68/8

Hopson, T.; Lamb, J.

Manx Hill land Report to Manx Nature Conservation Trust, 1995

St John's: MNCT, 1995

Library Ref D135/9q

Keehan, B.

**Manx Wildlife Sites Handbook:
A handbook describing the practical
implementation of the Manx Wildlife Sites System**

St John's: Manx Wildlife Trust, 1999

Revised by Peter Dullaghan 2000

Library Ref A38/29q

Lamb, John

Ramsey Wildlife Report 1993-94

St John's: Manx Nature Conservation Trust, 1995

Library Ref D135/12q

Lamb, John

A Terrestrial Survey of the Coast of the Isle of Man

Report on a Phase One Habitat Survey of the Manx coast.

St John's: Manx Wildlife Trust, 1999

Library Ref D135/16A

Manx Hill Land Seminar Proceedings

St John's: Manx Nature Conservation Trust, 1997

Library Ref D135/9q

Sayle, T.; Lamb, J.; Colvin, A.; Harris, B.

Isle of Man Habitat Survey Phase 1 Report 1991-1994

Douglas: DAFF, 1995

Library Ref D135/10q

Scott, Angela

River Corridor Survey

St John's: MNCT, 1997-98

Completed for the Manx Nature Conservation Trust, this survey takes in a number of water courses around the Island.

Archive Ref MS 09993

Scott, Angela

Road verge survey project report

Report to the Manx Nature Conservation Trust, 1997

Five volume Survey report in preparation of designation of road verges for conservation treatment.

Library Ref A38/24

Flora and Fungi



Spring Squill

Due to the mild climate, range in rainfall and underlying geology; the Island has a wide diversity of wildlife habitats for its size and supports a rich and varied flora. The Isle of Man cabbage may have originated on Man and is only known to occur in a small number of places in the U.K.

Allen, D.E.

Flora of the Isle of Man

Douglas: Manx Museum, 1984

ISBN 0-901106-23-2

Library Ref A196/10

Dubbeldam, A.

Wildflowers of Mann

Ramsey: Lily Publications 2004

ISBN 1-899602-37-2

History, folklore and ecology of the Isle of Man's wild flowers and account of project work to promote their conservation.

Library Ref. A196/27

Earland-Bennett, P.M.

A preliminary survey and assessment of the lichen flora of the Isle of Man

In Proceedings of the Isle of Man Natural History and Antiquarian Society, Vol. 8 (1979), pp. 139-155

Library Ref L6

Paton, Jean A.

A Bryophyte Flora of the Isle of Man

Supplement to Proceedings of the IOMNHAS Vol. 7 No. 3 1971.

Library Ref L.6/P

Invertebrates

Literature covering terrestrial invertebrates in the Isle of Man can be patchy, but there are relatively recently updated checklists available for Lepidoptera, Coleoptera, Diptera (Syrphidae), aculeate Hymenoptera and Heteroptera (water bugs). The island supports some rare and localised species for example the Manx robber fly, *Machimus cowini*, discovered as a new species by a Manx naturalist, Will Cowin; the heath beefly of the sandy northern coast; and the lesser mottled grasshopper *Stenobothrus stigmaticus*, which occurs in the rocky outcrops and short grass on Langness Peninsula but nowhere else in the British Isles.

Boyce, D.C.; Fowles, A.P.

Invertebrate conservation in the Isle of Man: an assessment of selected sites of ecological interest 30 April - 5 May 1989

Aberystwyth: D.C. Boyce & A.P. Fowles, 1989

Library Ref A158/5q

Burton, J.F.

The mystery of the Isle of Man's endangered grasshopper

In British Wildlife, 2 (1990), pp. 37-42

Library Ref A158/8q

Craine, Gordon D.

Records and status of the larger moths and butterflies of the Isle of Man

s.l.: G.D. Craine, 1998

Library Ref A.158/10q

Crellin, Steven

Hoverflies in the Isle of Man

In Peregrine, Vol. 6 (1) (1985), pp. 45-47

Library Ref L6/P

Cowin, W.S.

A new Asilid. *Epitriptus cowini*, a Manx Insect New to Science

In Peregrine, Vol. 1 (4) (1947), pp. 9 -10

Library Ref L6/P

Hawkins, Kate

Invertebrates

In A New History of the Isle of Man: Volume 1, The Evolution of the Natural Landscape

Liverpool: Liverpool University Press, 2006

ISBN 0-85323-587-2

Includes references to the more recent literature on various invertebrate groups in the Isle of Man

Library Ref F64/207

Luff, M.L.; Crellin, S; Barclay, M.V.L.

Coleoptera of the Isle of Man updated

In Entomologist's Monthly Magazine, Vol.137 (2001), pp. 59-64

Library Ref A158/16

Manx Loghtan / Loaghtan Sheep



Bazin, Fenella

The Manx loaghtan sheep: the breed that refused to die

s.l: Manx Loaghtan Sheep Society, 1984
Library Ref A72/D

Wade-Martins, Peter

The Manx loghtan story: the decline and revival of a primitive breed

Ashford: Geerings of Ashford, 1990
ISBN 0-9513042-7-5
Library Ref A72D5

Manx Cats

Kelly, Robert

Tales of the tailless

Douglas: Manx Experience, 1996
ISBN 1-873120-22-2
Library Ref A72/A5

Swantek, Marjan

The Manx cat

Neptune City: T.F.H. Publications, 1987
ISBN 0-86622-188-3
Library Ref A72/A3

Marine Life

The seas around the Isle of Man have probably been subject to as much intensive scientific study as any other off the coast of Britain. The Island boasts a diversity of coastal habitat types, ranging from steep, slate cliffs and wide sandy bays to shingle beaches and areas of open saltmarsh. As you may expect, a wide range of species are associated with these habitats.



The Island supports a large percentage of the UK grey seal population; additionally the worlds second largest shark, the basking shark, has for many years been a regular visitor to Manx waters during the summer, when there is an abundance of zooplankton on which this species feeds.

The ecological importance of the Irish Sea has long been recognized. In 1892 a young professor of Natural History at Liverpool University opened a small laboratory and aquarium beside Port Erin Bay. By 1901 means had been found to construct a new, much larger laboratory on the southern limb of Port Erin Bay. The new Port Erin Marine Laboratory was opened in 1902 and continued to carry out biological work that would form the underpinning of the Manx sea fishing industry. It also became a leading light in the creation of fisheries exclusion zones and the protection and management of the marine environment around the Isle of Man until its closure in 2006.

Bates, Mike.; Thompson, Richard.; Veale, Lewis
Isle of Man Sublittoral Survey 1994-97
Port Erin: Port Erin Marine Laboratory, 1998
Library Ref A182/21q

Bloomfield, Helen
A report on the intertidal environment of the Isle of Man for Manx National Heritage'
Port Erin Marine Laboratory, 2002
Project report connected with design of Natural History gallery
Archive Ref MS 10635

Bruce, J.R.; Colman, J.S.; Jones N.S.
Marine Fauna of the Isle of Man and its surrounding seas
Liverpool: Liverpool University Press, 1963
Library Ref A182

Department of Agriculture, Fisheries and Forestry
The Calf of Man, A proposed Marine Nature Reserve
Douglas: DAFF, 1992
Library Ref D135/8q

Forbes, Edward
Malacologia Monensis: a Catalogue of the Mollusca inhabiting the Isle of Man and the neighbouring Sea
Edinburgh: John Carfrae and Son, 1838
Library Ref A.182/1/2



Gubbay, Susan
A Review of Sites of Marine Nature Conservation Importance around the Isle of Man
St John's: Manx Wildlife Trust, 2000
Library Ref A.182/23

Holt, T.J.
An Intertidal survey of the Isle of Man 1996-99
Report to the Manx Wildlife Trust
St Johns: Manx Wildlife Trust
Library Ref D135/16c

Husain, Ellen.; Whateley, Laura
An Intertidal Survey of the Calf [of Man] Sound with Recommendations for Management, Conservation, and Education.
Port Erin: Port Erin Marine Laboratory, 1999
Report commissioned by Manx National Heritage as part of student third year work placement study.
Library Ref A182/22q

Irish Sea Forum
Liverpool: Liverpool University Press
Reports including the following of note:
Seminars:
5. Managing Marine Fisheries: A case study of the Irish Sea.
11. Coastal and Estuarine Management.

22. Monitoring the Marine and Coastal Environment.
24. Concerns about the Irish Sea Environment
Report; An Environmental Review of the Irish
Sea: Conference 2000 at the Manx Museum
18-20 October.

A full list is available on request.

Library Ref D135/6q

Morrow, C.C.; Picton, B.E.; Bishop, J.D.D.

A Sublittoral Survey of the Calf of Man

s.l.: Calf Marine Trust, 1993

Library Ref A182/20q

Societies

**Isle of Man Natural History and Antiquarian
Society**

<http://www.manxantiquarians.com/>

This society established in 1879 has published proceedings which include articles about Natural History. For some years it had a Field Section with annual reports from 1948-1974.

A typescript index is also available for consultation in our search room.

Manx Biological Records Centre

Information on the fauna and flora of the Isle of Man is also available from the Manx Biological Records Centre, maintained by Manx National Heritage. Enquirers should apply to the Curator of Natural History at the Manx Museum.

Web links

Basking Shark Watch

www.manxbaskingsharkwatch.com/

Manx Bird Life (formerly Manx Bird Atlas)

<http://www.manxbirdatlas.org.uk/>

IOM Birding

<http://www.iombirding.co.uk/>

Manx Rivers Improvement Association

<http://www.mria.org.im/>

Manx Wildlife Trust

<http://www.manxwt.org.uk>



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