

AN INDEXED BIBLIOGRAPHICAL CHECKLIST OF THE FALSE-SCORPIONS (ARACHNIDA: PSEUDOSCORPIONES) OF IRELAND (1836-2014)

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Dedication

This publication is dedicated to the memory of Harry Wallis Kew (1868-1948), the most significant worker on pseudoscorpions in these islands. His review (1911a) and supplement (1916a) remain important publications. Kew added numerous species to the Irish list, and two of his most important discoveries, *Kewochthonius halberti* (Kew, 1916) and *Neobisium carpenteri* (Kew, 1910) relate to Ireland.

Abstract

A bibliography relating to Ireland's pseudoscorpions is presented. This can be searched for species, counties and some other topics.

Key words: pseudoscorpions, Ireland, bibliography, counties, distribution.

Introduction

The following comprises an indexed bibliography relating to the occurrence of pseudoscorpions in Ireland, which can be searched for topics including species, counties, some habitats etc. In order to save space, references are numbered and these numbers used throughout the text. References which add a species to the Irish list are indicated using **bold** print. Two publications (43 and 52) while not strictly relevant are included for completeness sake.

Pseudoscorpions are small and inconspicuous invertebrates, which need to be deliberately searched for. Specimens will occasionally be found under stones etc, but sieving leaf litter and cowshed/stable debris is rather more productive. Many species have southern tendencies, and others tend to be synanthropic. This last group is likely to be greatly under-recorded. Seventeen species have been reported from Ireland of which only *Chthonius tetrachelatus* (Preysslér, 1790), *C. ischnocheles* (Hermann, 1804), *Neobisium maritimum* (Leach, 1812), *N. carcinoides* (Hermann, 1804) and *Dinocheirus panzeri* (C. L. Koch, 1837) are widespread. *Kewochthonius halberti* (Kew, 1916) and *Chelifer cancroides* (Linnaeus, 1761) have not been seen in Ireland for over a century.

A number of doubtful records have persisted in the literature, some for well over a century. Templeton (1836) reported *Lamprochernes nodosus* (Schrank, 1803) (as *Chelifer parasitica*

Hermann, 1804) from Co. Antrim, however Kew (1916a) suggested that *Pselaphochernes dubius* (O. P.-Cambridge, 1892) was more likely to be the species involved. Stephens' (1910) record for *C. cancroides* was treated by Kew (1916a) as referring to *Lamprochernes savignyi* (Simon, 1881). Carpenter's (1902) record of *Chthonius orthodactylus* (Leach, 1817) was based on a specimen subsequently seen by Kew (1909) who considered it to be *C. tetrachelatus*. *Allochernes powelli* (Kew, 1916) is alluded to as being Irish by Evans and Browning (1954), probably in error. These doubtful references and some other errors, are indicated in the indices by appearing in brackets (). Anon. (1896) reported *Pselaphochernes scorpioides* (Hermann, 1804) (as *Chernes phaleratus* Simon, 1879) from Co. Wicklow, however when Kew (1909) examined this specimen he reported that it was more likely that *P. dubius* was involved. This record is indicated in the index using a question mark "?". *Chernes cimicoides* (Fabricius, 1793) has been erroneously alluded to as occurring in Ireland by Legg and Jones (1988) and Alexander (2002). The status of *C. orthodactylus* in Ireland has been queried (Legg and O'Connor, 1997) and requires clarification. Nomenclature follows Legg and Jones (1988).

Index to the bibliography 1: species

CHTHONIIDAE

***Kewochthonius halberti* (Kew, 1916)**

24, 26, 33, **42**, 45, 46, 48, 50.

***Chthonius tetrachelatus* (Preyssler, 1790)**

7, 22, 24, 26, 33, **34**, 35, 37, 38, 39, 42, 45, 46, 50.

***Chthonius ischnocheles* (Hermann, 1804)**

1, 3, 6, 7, 8, 11, 19, 22, 24, 26, 29, 33, 34, 35, 37, 38, 39, 41, 42, 45, 46, 50.

***Chthonius orthodactylus* (Leach, 1817)**

11, (18), 24, 33, 45, 46, **47**.

NEOBISIIDAE

***Neobisium maritimum* (Leach, 1812)**

16, 22, 24, 26, 33, **34**, 35, 36, 38, 42, 45, 46, 50, 51, 53.

***Neobisium carpenteri* (Kew, 1910)**

13, 14, 22, 24, 26, 33, **35**, 36, 37, 40, 42, 45, 46, 50.

***Neobisium carcinoides* (Hermann, 1804)**

11, 15, 17, 18, 19, 20, 22, 24, 26, 29, 33, 34, 35, 36, 37, 38, 42, 45, 46, **49**, 50.

***Roncus lubricus* L. Koch, 1873**

22, 24, 25, **27**, 28, 33, 42, 45, 46, 50.

***Roncocreagris cambridgei* (L. Koch, 1873)**

24, **28**, 33, 39, 42, 45, 46, 50.

CHEIRIDIIDAE

Cheiridium museorum (Leach, 1817)

9, 22, 24, 26, 33, 34, 38, 39, 42, 45, 46, 50, **55**.

CHERNETIDAE

Lamprochernes savignyi (Simon, 1881)

4, 24, 26, 30, 33, **37**, 42, 45, 46, 50.

Lamprochernes nodosus (Schrank, 1803)

5, 22, 24, 26, 33, 42, 45, 46, 50, (55).

Pselaphochernes dubius (O. P.-Cambridge, 1892)

24, 33, 34?, **39**, 42, 45, 46, 47, 50.

Pselaphochernes scorpioides (Hermann, 1804)

(2), 22, 24, 33, **44**, 45, 46.

Allochernes powelli (Kew, 1916)

24, (26), **46**.

Dinocheirus panzeri (C. L. Koch, 1837)

21, 22, 23, 24, 26, 31, 33, **39**, 42, 45, 46, 50.

CHELIFERIDAE

Chelifer cancroides (Linnaeus, 1761)

10, 24, 26, (32), 33, **34**, 42, 45, 46, 50, (54).

Index to the bibliography 2: counties

Antrim

24, 33, 34, 36, 38, 39, 42, 45, 46, 47, 50, 55.

Armagh

3, 24, 33, 34, 36, 38, 42, 45, 46.

Carlow

22, 24, 33, 34, 36, 38, 44, 45, 46.

Cavan

24.

Clare

22, 24, 33, 45, 46.

Cork

13, 14, 22, 23, 24, 26, 28, 33, 34, 35, 36, 38, 42, 45, 46, 50.

Derry

22, 24, 28, 33, (34), 39, 45, 46.

Donegal

24, 33, 42, 45, 46.

Down

5, 10, 24, 27, 28, 31, 33, 38, 39, 42, 45, 46, 50.

Dublin

1, 10, 22, 24, 26, 30, 32, 33, 34, 36, 37, 38, 42, 45, 46, 47, 48, 50, 54.

Fermanagh

22, 23, 24, 33, 42, 45, 46.

Galway

16, 17, 22, 24, 33, 34, 36, 38, 45, 46.

Kerry

14, 22, 24, 26, 28, 33, 34, 35, 36, 38, 42, 45, 46.

Kildare

24, 33, 45, 46.

Kilkenny

22, 23, 24, 33, 42, 45, 46.

Laois

11, 22, 23, 24, 33, 45, 46, 47.

Leitrim

22, 24, 33, 41, 42, 45, 46.

Limerick

10, 22, 24, 33, 34, 42, 45, 46, 50.

Longford

22, 24, 33, 42, 45, 46.

Louth

6, 7, 24, 33, 45, 46.

Mayo

22, 24, 26, 33, 34, 36, 38, 45, 46, 53.

Meath

7, 22, 24, 33, 45, 46.

Monaghan

8, 9, 24, 33, 42, 45, 46.

Offaly

22, 24.

Roscommon

15, 22, 24, 33, 42, 45, 46.

Sligo

22, 23, 24, 25, 33, 41, 42, 45, 46.

Tipperary

22, 24, 33, 45, 46.

Tyrone

22, 24, 33, 38, 42, 45, 46.

Waterford

22, 23, 24, 33, 42, 45, 46.

Westmeath

22, 24, 33, 45, 46.

Wexford

22, 24, 33, 42, 45, 46.

Wicklow

2, 24, 33, 34, 36, 38, 42, 45, 46, 47, 50.

Index to the bibliography 3: additional topics

Behaviour

5, 13, 22, 30, 31, 32, 35, 36, 37, 38, 40, 42, 54.

Coastal

16, 22, 24, 35, 36, 38, 42, 45, 46, 53.

Farms

21, 22, 23, 24, 39, 42, 46.

Offshore islands

22, 24, 26, 33, 38, 45, 46, 47, 53.

Taxonomy

26, 30, 36, 37, 42, 45, 48.

Uplands

24, 35, 46.

Woodlands

13, 14, 15, 17, 22, 24, 35, 36, 38, 41, 44, 46.

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