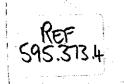
A CATALOGUE OF THE WOODLICE (CRUSTACEA - ISOPODA : ONISCOIDEA) FROM IRELAND AND BRITAIN IN THE COLLECTION OF THE NATIONAL MUSEUM OF IRELAND, DUBLIN

Paul T. Harding

Institute of Terrestrial Ecology Monks Wood Experimental Station Abbots Ripton Huntingdon England

September 1977



CORE

138975-1001

INTRODUCTION

The National Museum of Ireland has a large collection of woodlice from Ireland and Britain. With over 920 items it is probably the largest single collection of such material in existence.

The origins of this collection lie with a few eminent Irish zoologists who took an interest in the group, mainly in the first three decades of this century. Material collected or donated by J.R. Kinahan (1850s?) and by R.F. Scharff, N.H. Foster, D.R. Pack-Beresford, A.W. Stelfox, R. Welch and R.A. Phillips (1890s-1930s) compose the bulk of the collection. It contains voucher specimens to support many of the distribution records given by Scharff (1894), Pack-Beresford & Foster (1911, 1913) and other authors (see Harding 1975).

The original intention in examining the National Museum collection was to provide data on the distribution of woodlice in Ireland. However, because of its size and scope the collection has an intrinsic value. A catalogue based on a complete re-identification of the whole collection has therefore been prepared. This is arranged by species, and the specimens of each species are listed by registration numbers. It is to be hoped that the collection can now be arranged to follow this catalogue, thereby enabling the rapid retrieval of specimens for examination in the future.

PREVIOUS CATALOGUES

A catalogue of the marine Crustacea in the National Museum collection was compiled by Dr. C.E. O'Riordan in 1969. Dr. O'Riordan kindly gave me, in 1969, a copy of a manuscript section dealing with Irish and British woodlouse material. This listed a quantity of unidentified material, subsequently identified by me in 1969; two large collections were listed merely as an unknown number of tubes in sealed jars. Dr. O'Riordan reports that an earlier catalogue of the Crustacea in the museum, published in the 1850s, did not list any woodlice.

EXAMINATION OF COLLECTION

I worked at the National Museum for 5 days each year in 1975, 1976 and 1977.

November 1975

The initial work amounted to sorting out the Irish and British material from a large quantity of foreign woodlouse material, searching for additional collections and examining two large collections attributable to D.R. Pack-Beresford (NMI. 28. 1938 and NMI. 64. 1942). The results of this work are listed in my manuscript "Preliminary Catalogue, Part I".

October 1976

Although a little time was spent searching for additional collections in various parts of the museum and in the "spirit store", most of my time was spent on examining the material listed in my manuscript "Preliminary Catalogue, Part II". This included most of the less common species in the general collection.

June 1977

The contents of 9 bottles containing a large number of specimens of 6 species were examined, together with a quantity of specimens formerly housed dry and mounted in an entomological store box, but rehydrated using Tribasic Sodium Phosphate solution. A small quantity of additional material, found since my previous visit, was also examined.

Examination and relabelling of specimens

The contents of each tube of material were examined using light microscopes and identification to species level was made wherever possible. The species, number of individuals and sexes were recorded, together with any locality or habitat data, date, collector etc and the NMAI registration number, on cards. These cards have been used in compiling the following catalogue.

Each tube was labelled giving the species name, number, sexes, and registration number together with the date and authority of this identification (eg "Det. P.T.H. June 1977"). The original label (or labels) was included in the tube except where it was badly decayed, in which case a facsimile label was written and inserted. The labelling and preservation of specimens was done using the data cards compiled when the specimens were identified, under my overall supervision. However, the medium and style of labelling used was at the discretion of the museum staff. Similarly the materials used in preserving the specimens (tubes, jars, preservative etc) were those selected by the museum staff. No responsibility for deficiencies in the labelling and preservation of material listed in this catalogue can be accepted by the author. Any errors of identification are entirely my own.

CONDITION OF THE COLLECTION

The collection as a whole was in a fair condition, considering the age of much of the material. Two large collections attributable to D.R. Pack-Beresford compose over a quarter of the whole collection. The earlier of these (NMI. 28. 1938) containing 150 items, was in good condition suggesting that the tubes had never dried out and that the storage jars had been kept in darkness. The later collection (NMI. 64. 1942) was donated posthumously and was in a poorer condition with some tubes in storage jars which clearly had been dry at some time.

The collection of over 200 dry, mounted specimens was rehydrated with considerable success. As a result, some of the oldest specimens in the National Museum collection (those attributable to J.R. Kinahan), have been restored to a recognisable and usable condition.

- 3 -

The remainder of the material in the collection was formerly housed in a variety of types of jars and bottles, most of which had fortunately been carefully curated. Most of the specimens were in a fair to good condition, although a few tubes had clearly dried out at some time in the past. Of the 29 items listed as unidentifiable, in fact only 15 items were such because of decay or damage.

The nomenclature and systematic arrangement follow Sutton, Harding & Burn (1972). Author names and dates follow the synonymies given by Vandel (1960, 1962).

Species names

The accepted nomenclature currently used has changed for many species since specimens were donated to the National Museum collection. The specific names used on the original data labels are included in brackets under the current specific names. Where an item was incorrectly identified this is recorded in brackets following the data for that item.

National Museum of Ireland registration numbers

These have been included for all items and a list of the numbers with their register entries is included following the catalogue (Appendix I). The register entries for many register numbers augment the available data for many items. A large quantity of material was found to be <u>apparently</u> unregistered. This material was registered in June 1977 at my request and was given the number NMI. 89. 1977.

Presentation of data

Number and sex: The following symbols have been used - \circ = male(s), Q = female(s), J = juvenile(s), d = damaged specimen(s) (usually impossible to determine the sex), f = fragments of one or more specimens.

Locality data: The place name is given followed by the county or vicecounty. The spelling of many places was variable on the original data labels.

- 4 -

Some attempt has been made to standardise spelling where no ambiguity arises. County or vice-county names were often abbreviated, but these have been written in full in the catalogue. Place and county names which are now obsolete, such as Maryborough (= Portlaoise) and Queen's County (= Co. Leix), but which were current at the time the collections were made, have been retained where used. In cases where the only locality data ambiguously refers to a name which could be a town/city or a county eg. "Limerick", "Galway", it should be taken to mean a county.

Collector/identifier: In most cases where anything is entered, this appears as initials (eg. R.F.S., N.H.F.). In all cases this can be assumed to be the collector and, in the absence of other evidence, also the person who identified the specimens. See Appendix II for a list of the names and initials occurring in this catalogue.

Date: Two standard forms of showing dates have been adopted. Where a day, month and year was shown on the data label, this has been expressed thus - 29-9-1909. Where only a month and year was given, this has been expressed thus - September 1909.

Asterisk: This denotes that additional data - usually about the habitat, and/or a grid reference was included on the data label.

Note 1: One jar registered in NML. 64. 1942, was labelled on the outside "Woodlice Types, Mr. A. Patience". The specimens inside the jar were all labelled with the name A. Patience, or the initials A.P. and were mainly from localities in Scotland. This material probably constituted a voucher collection given to D.R. Pack-Beresford by the eminent Scottish carcinologist Alex Fatience.

Undetermined Material

Specimens in 29 items were unidentifiable because they were either too decayed or too juvenile to be reliably identified. These are listed within

- 5 -

families and in some cases under the specific or generic names originally ascribed to them.

Alien Species

Specimens in 14 items have been tentatively ascribed to five species known to be alien to the British Isles. The taxonomic works used in the identification of these specimens (Edney 1954; Vandel 1960, 1962; Gruner 1966 and Sutton <u>et. al.</u> 1972) are not sufficiently comprehensive to make totally reliable identifications of the species involved. Dissections were not done. The greatest doubt lies in the identity of <u>Chaetophiloscia patiencei</u>.

KINAHAN "TYPE" MATERIAL

Among the collection of formerly dry, mounted specimens were a number of specimens attributable to Kinahan, presumably J.R. Kinahan. Some specimens of three species were clearly labelled "Types", as follows:

Halophiloscia couchi (Xinahan) (= Philoscia couchii Kinahan)

Labelled "British, Kinahan, Types".

Oniscus asellus L. (= Oniscus fossor Kinahan)

Labelled "British, Kinahan, Type".

Metoponorthus cingendus (Kinahan) (= Porcellio cingendus Kinahan)

Labelled "Kent, British, Kinahan, Type".

J.R. Kinahan described <u>Fhiloscia couchii</u> new to science (1858) and <u>Porcellio cingendus</u> new to science (1857) but in these descriptions no reference is made to designated type material or to where the specimens used in the descriptions were deposited. Kinahan is not known to have described a species <u>Oniscus fossor</u>, although he was the first to record (1857) <u>Oniscus fossor Koch (= O. asellus L.)</u> from the British Isles.

Specimens of <u>Metoponorthus cingendus</u> and of <u>Halophiloscia couchi</u>, which are attributed to J.R. Kinahan, are in the collection of the British Museum (Natural History) in London, but in neither case are specimons designated as

- 6 -

type material. Fublished references (Bate & Westwood 1866, Webb & Sillem 1906) provide circumstantial evidence to suggest that these specimens in the British Museum (Natural History) may have some claim to be considered as the material used by Kinahan in preparing the original descriptions.

Similar circumstantial evidence has been provided by Dr. O'Riordan, based on entries in the museum register and on Kinahan's own published papers, to suggest that the specimens of <u>Halophiloscia couchi</u> and <u>Metoponorthus cingendus</u>, listed above, have an equal claim to be considered as the original material used by Kinahan when describing the species.

Before any decision is made on whether any of the specimens of <u>Halophiloscia couchi</u> or <u>Hetoponorthus cingendus</u> listed above, from the collection of the National Museum (or of those in the British Museum (Natural History), can justifiably be selected as lectotypes, more research on the relevant documentation must be done. These specimens, together with the specimen labelled "<u>Oniscus fossor</u> Kinahan, Type", have been given separate National Museum of Ireland registration numbers.

NMI. 160. 1977. <u>Metoponorthus cingendus</u> (Kinahan) - 20, 29 NMI. 161. 1977. <u>Halophiloscia couchi</u> (Kinahan) - 19 NMI. 162. 1977. <u>Cniscus asellus</u> L. - 19

ACKNOWLEDGEMENTS

I wish to thank Dr. J. Raftery, Director, National Museum of Ireland and his predecessor, Dr. A.T. Lucas, for their permission to work on the collection at the Museum. Dr. C.E. O'Riordan, Keeper, Natural History Division, has generously given every possible assistance, facility and encouragement with the project since its conception. Mr. Liam O'Neill and Mr. Mark Holmes, worked at the task of labelling and preserving specimens with thoroughness, patience and necessary good humour. Mr. Holmes also painstakingly undertook the rehydration of dry specimens. All the members

- 7 -

of the Division helped to make my visits to Dublin enjoyable and worthwhile. The tedious tasks of typing and checking the catalogue were done by Mrs. Gladys Sanderson and Mrs. Fhilippa Harding.

My expenses in Dublin were covered by grants generously given by the Royal Irish Academy from the Robert Lloyd Praeger Fund for Field Natural History.

REFERENCES

Bate, C.S. & Westwood, J.C. 1868. <u>A history of the British Sessile-eyed</u> Crustacea. Vol. 2. London.

Edney, E.B. 1953. The woodlice of Great Britain and Ireland - a concise systematic monograph. <u>Proc. Linn. Soc. Lon.</u> <u>164</u>, 49-98.

Gruner, H.E. 1966. <u>Krebstiere oder Crustacea V : Isopoda</u>. Vol. 2. Jena. Harding, P.T. 1975. A bibliography of the occurrence of woodlice (Crustacea: Isopoda : Oniscoidea) in Ireland. <u>J. Soc. Bibliography nat. Hist</u>. <u>7</u>,

285-290.

Kinahan, J.R. 1857. Analysis of certain allied genera of Terrestrial Isopoda. <u>Nat. Hist. Review</u>, 4, 258-282.

Kinahan, J.R. 1858. On the Genera <u>Philoscia</u> Latr., <u>Itea Koch</u>, <u>Philougria</u>. Kinahan, comprising descriptions of new British species. <u>Nat. Hist</u>. <u>Review</u>, 6, 194-200.

O'Riordan, C.E. 1969. <u>A catalogue of the collection of Irish Marine</u> <u>Crustacea in the National Museum of Ireland</u>. Stationery Office, Dublin. Pack-Beresford, D.R. & Foster, N.H. 1911. The woodlice of Ireland : their

distribution and classification. <u>Proc. R. Ir. Acad. 29(B)</u>, 165-190. Pack-Beresford, D.R. & Foster, N.H. 1913. Additions to the distributional

records of woodlice in Ireland till the end of 1912. <u>Ir. Nat. 22</u>, 45-48. Scharff, R.F. 1894. The Irish woodlice (with descriptions and figures of all the British species). <u>Ir. Nat. 2</u>, 4-7, 25-29. Sutton, S.L., Harding, P.T. & Burn, D. 1972. <u>Key to British Moodlice</u>. London. Vandel, A. 1960, 1962. Isopodes Terrestres. <u>Faune de France</u>, vols 64, 66. Webb, W.M. & Sillem, C. 1906. <u>The British Moodlice</u>. London.

ļ

- 10 -

TRICHONISCIDAE

ANDRONISCUS DENTIGER Verhoeff 1908 (= TRICHONISCUS ROSEUS Carl 1908 nec Koch 1837)

NMI.	157. 1895 1d. Temp	leogue.
111/7	91 1006	
NMI.	81. 1906 2019	Bagenalstown.
NMI .	353. 1906 2♂2♀	Bagenalstown, given by D.R. Pack-Beresford.
NMT	271. 1912	
14111 0	4059	Glenade. A.W.S.
	1019	Loughgall, Armagh. 12-8-1911.
	29	Hillsborough. April 1908.
	2 d 2 9	
		No data.
	1010	no uaca.
NMI.	275. 1912	
	1 ď + í	Hillsborough, Co. Down. 11-3-1908.
NIMT	136. 1913	
NMI.	1019	Bray. A.W.S. 30-3-1911.
	101¥ 1029	Near Materford, Co. Kilkenny. A.W.S. 10-4-1911.
	1024	Near Materiora, oos Arrikonnys nonozo zo s zyrze
NMI.	28. 1938	
-	3059	Cork E. R.A.P. 4-6-1921.
	5059	Mt. Congreve, Co. Waterford. 20-9-1911.
	1019	Ennis, Co. Clare. R.A.P. 25-4-1926.
	5 d 5 Q	Portumna, Co. Tipperary (10). R.L.P.
	3 0	Kilkenny. R.A.P. 12-8-1927.
	19	New Ross, Wexford. R.A.P. 7-2-1926.
	lo	New Ross, Mexford. R.A.P. 14-7-1927.
	8 Q	Ferbane, King's County.
	2 0	Glasnevin.
	1019	Near Menlough, North Galway. R.A.P. 17-3-1925.
	2 Q	Near Galway, West Galway. R.A.P. 3-4-1927.
	1019	Near Galway, Co. Galway. R.A.P. 21-6-1931.
	5 0 12 0 3 0 5 9	Galway, Mest and North-east. R.A.P. November 1910.
BIB (T	3050	Near Ennis, Co. Clare. R.A.P. 29-11-1931.
NMI.	32. 1938.	
	1 ơ 3 Q	Menlough, North Galway. R.A.P. 19-1-1929.
NMI 🖕	64. 1942.	
	16 ơơ & Ç	PQ Fenagh.
	1 0	No data, specimen loose in storage jar.
		Sennen, Cornwall. (4) H.B.C.
	6 ơ 3 ệ	Glasgow. A. Patience (Note 1).
NMI .	30. 1967.	
-	10	Ballyneety near Ardfinnan, South Tipperary. P.T. Harding.
		/24-5-1967*
NMI.	47. 1968.	
•••••	10	Glenree River, Ballina, East Mayo. P.T. Harding. 16-6-1968*
NMI .	89. 1977.	
		Dundrum, Co. Dublin. R. Southern.
	29	Glasnevin, Orchid House. 24-2-1907.
	4 Q	Leeson Fark. R.F.S. October 1892.
		Leeson Park. R.F.S. May 1893.
. •		Q Leeson Fark. R.F.S. October 1893.
		Kenmare. (Welch). D.R.P.B. & N.H.F. Dickson in Number of R. Melch 10-8-1904
		Dickson's Nursery, Newtownards, R. Welch. 10-5-1904.
	•	British. Kinahan.
	19	Plymouth. British. Kinahan.

- 11 -

ORITONISCUS FLAVUS (Budde-Lund 1906) (= TRICHONISCUS VIVIDUS Budde-Lund 1885 nec Koch 1841) 1895 NMI. 53. 2 0. Borris, Co. Carlow. 2 Q. Borris. NMI. 354. 1906. 8 9. Fenagh, Co. Carlow. Bagenalstown, given by D.R. Pack-Beresford. 1 0 11 9 NMI. 136. 1913. Waterford City. A.W.S. 10-4-1911. 2 Ç Near Waterford, Co. Kilkenny. A.W.S. 10-4-1911. 2 0 Castlebridge, Co. Wexford. A.W.S. 5-4-1911. 3 Q Ballyteige Bay, Co. Wexford. A.W.S. 6-4-1911. 8 9 Pollmounty, Co. Carlow. A.W.S. 11-4-1911. 3 Q NMI. 57 1919. Graiguenamanagh, Co. Kilkenny. 2 0 11 9 Clachganagh near Tinnahinch, Co. Carlow. 13-6-1919. 20 Near St. Mullins, Co. Carlow. 16-6-1919. 6 Q NMI. 28 1938. 4 Q Burnham Woods, Dingle. A.W.S. 21-4-1914. Mt. Congreve, Co. Waterford. May 1920. 12 Q 1039 **Kilgraney**. Limerick. R.A.P. 8-6-1923. 10129 3 Q Limerick. R.A.P. 17-3-1925. 1029 Devil's Bit Mountain, North Tipperary. R.A.P. 23-8-1931. Near Gowran, Co. Kilkenny. D.R.P.B. 21-8-1908. 4 Q Graiguenamanagh, Co. Kilkenny. R.A.P. 27-5-1921. 4 Q Tineranny Mood, Co. Kilkenny. R.A.P. 17-9-1922. 1 0 Rosbercon, Co. Kilkenny. R.A.P. 27-2-1924. 1 0 Mt. Brandon, Co. Kilkenny. R.A.P. 27-9-1925. 1 0 1049 Killaun, Co. Wexford, A.W.S. 8-4-1911. Macmine, Co. Wexford. R.A.P. 14-10-1922. 10 4059 Near Ballickmoyler, Queen's County. 16-2-1909. 1 Ç No data label. NMI. 1938. 32 1019 Enniscorthy, Co. Wexford. R.A.P. 1-4-1920. NMI. 64. 1942. 18 of & QQ Fenagh, Co. Carlow. 2 of 11 Q Fenagh. NMI. 30. 1967. Glenmore, Co. Kilkenny, P.T. Harding. 25-5-1967.* 1 o 1 Q NMI. 89 1977. Burnham Woods, Dingle, South Kerry. H.W.S. 21-4-1914. 5 Ŷ 2 Q Portlaw. Kinahan. Waterford. Kinahan. 1 0 A.W.S. River Barrow, Tankardstown Bridge, Queen's County. 2069 /25-3-1934. 1 0 British. Kinahan. TRICHONISCOIDES SAEROEENSIS Lohmander 1923 1977. NMI. 89. 1 of 1 9 Mallaranny (near high water mark). J.N.H. September 1913.

TRICHONISCOIDES sp.

Speci	mens labelled	Trichoniscoides albidus.
NMI.	271. 1912.	
••••••	1d.	Rathmines. May 1911. (Also labelled " <u>Trichoniscus</u> <u>roseus</u> ? juvenile. N.H.F.")
		Bray Head. A.W.S. 30-3-1911.
NMI.	64. 1942. 1 9 4 9	Mayfield, Rathgar, Co. Dublin. A.W.S. 1-1-1921. Gourock. A. Patience (Note 1).
Speci	men labelled	Trichoniscus vividus.
NMI .	28. 1938. 1 Q Near	Menlo, North Galway. R.A.P. 13-8-1921.
		TRICHONISCUS PUSILLUS Brandt 1833
NMI.	30. 1896. 1 Q	Roundstone, Co. Galway.
NMI.	74. 1901. 3 ♀	Ballymote.
NMI.	10	Sussex. Buckle collection. 20-3-1900. Sussex. Buckle collection, 893. 10-4-1900. Sussex. Buckle collection, 894. 10-4-1900.
NMI.	246. 1909. 1 Ç	St. Helen's, Belfast. R. Welch, det. N.H.F. September 1909.
NMI.	354. 1910. 6 ç	Glenveagh. R.W. 10-7-1910.
NMI .	271. 1912. 17 ♀ 1 ♀ 4 ♀ 3 ♀	Westport. Clare Island. A.W.S. 18-7-1911. Hillsborough. Hillsborough.
NMI.	275. 1912. 1 Q 1 Q	Howth. A.W.S. 10-12-1910. Howth. A.W.S. 10-12-1910.
NI 4I .	125. 1913. 5 Q 2 Q 7 Q 1 Q	Clare Island. F.R.S. June 1909. Achill Island. R.F.S. June 1909. Pikes' Wood, Achill Island. R. Welch. 1909. Dorinich Island, West Mayo. Coll. N.H.F. June 1910.
NMI.	28. 1938. 4 Q 6 Q 6 Q 4 Q 7 Q 1 Q 3 Q 1 Q	Valencia Island. Cahir, Co. Tipperary. Dogs Bay, Roundstone. French Park, Co. Roscommon. Westport, Mayo. Keshcarrigan, Co. Leitrim. Ballycastle, Co. Antrim. Kilrea, Co. Derry.

Ĵ

Ì

Ĵ

NMI .	64. 1942. 57	Fenagh. Lanark. A. Patience (Note 1). Glasgow. A. Patience (Note 1). Monaghan. (Also labelled <u>Trichoniscus stebbingi</u>).
NMI.	30• 1967• 4 q	Poulsallagh, Burren, Co. Clare. P.T. Harding. 19-5-1967*
NMI.	47. 1968. 2 Q	East side of River Suck, Ballinasloe, Co. Roscommon. P.T.H. 14-6-1968.*
NMI.	37.1973. 1 Q	Howth, Co. Dublin. P.T.H. 3-9-1972.*
NMI.	89. 1977. 1 Q 3 Q 1 Q 6 Q 1 Q 1 Q 2 Q 1 Q 1 Q 1 Q 2 Q 2 Q 2 Q 2 Q 3 d 1 Q 3 Q 3 Q 15 Q	 Derrynane. R.F.S. July 1892. Killarney. R.F.S. July 1892. Killarney. R.F.S. July 1892. Killarney. R.F.S. July 1892. Killarney. R.F.S. September 1893. Glengarriff. R.F.S. June 1893. Mt. Brandon, 1500-1675 feet, Kerry. R.W. 25-9-1910. Stradbally, Castlegregory, South Kerry. R. Welch, det N.H.F. 26-9-1910. Berehaven, Co. Cork. R.F.S. June 1893. Ardagh, Co. Carlow. A.R. Nichols. November 1893. Leixlip. R.F.S. September 1893. Woodenbridge, Co. Wicklow. R.F.S. April 1893. Tallagh. R.F.S. October 1893. Leeson Park, R.F.S. October 1893. Leeson Park. R.F.S. Mugust 1893. Kells, Co. Meath. Westport. 1910. Rosguill Peninsula above Rosapenna. R. Welch. July 1903. Omagh. Kinahan. 1857. Rostrevor, Co. Down. R.F.S. August 1893. Cave Hill, Belfast. R. Welch. November 1893. Foyle District, 892.
	1 Q 1 Q	British. Kinahan.
		ISCUS PUSILLUS PUSILLUS Brandt 1833
NMI	. 271. 1912 1 0 6 9	Croaghmore, Clare Island, 1300 feet. A.W.S. 19-7-1911.
	TRICHONI	SCUS PUSILLUS FROVISORIUS Racovitza 1908
NMI	2011	Q Ferbane, King's County. Q Howth.
NMJ	1 0 4 9 1 0 4 9 1 0	Lismore, Co. Waterford. R.F.S. September 1893. Leeson Fark. R.F.S. October 1892.
		TRICHONISCUS PYGMAEUS Sars 1899
NM	1. 74. 1901. 2 J 1 9	
NM	1. 214. 1908 2 ර්	Dublin Botanic Gardens. Coll. Bagnall.

e e

Į

271. 1912. NMI . 1029 Kinlough, Leitrim. August 1912. 1019 Monaghan. A.W.S. 3019 Bundoran. Doe Castle, West Donegal. 2 đ Murlough Bay, Antrim. A.W.S. 10 1010 Castlerock. August 1910. 30 No data label. NMI. 275. 1912. 1 Q Howth. A.W.S. 10-12-1910. NMI. 136. 1913. Near Waterford, Co. Kilkenny, A.W.S. 10-4-1911. 4029 Pollmounty, Co. Carlow. A.W.S. 11-4-1911. 1 0 1 0 Bray. A.W.S. 30-3-1911. Bray Head, A.W.S. 20 30-3-1911. 1010 Collin, Co. Antrim. A.W.S. April 1911. NMI. 28. 1938. 1010 4-6-1921. East Cork. R.A.P. 20 Ballinasloe, Co. Galway. R.A.P. 13-4-1924. Ferbane, King's County. 20110 2 0 Coskagh House, near Clondalkin, Co. Dublin. 17-7-1914. 3020 Drumleek, Howth. Botanic Gardens, Glasnevin. 1030 10 Belfast Lough. R.W. 1-10-1910. 1 Q Ballycastle, Co. Antrim. June 1920. NMI. 64. 1942. 2 0 5 Q Fenagh. R.S. Bagnall. 1 7 4 9 Fenagh. D.R.P.B. 2 Q Carton, Co. Kildare. 1029 Glasnevin, R.S. Bagnall. 7059 Hillsborough. Nevin Foster. 30. 1967. NMI. 10 Burren, Co. Clare. P.T. Harding. 18-5-1967.* HAPLOPHTHALMUS DANICUS Budde-Lund (1879) 1885 NMI. 1938. 28. 1 Q Abbotstown. NMI. 64. 1942. 2 0 2 9 Fenagh. 16-10-1908. 25 og & QQ Lanark. A. Patience. (Note 1) HAPLOPHTHALMUS MENGEI (Zaddach 1844) NMI. 214. 1908. 5 d Dublin Botanic Gardens. Coll. Bagnall. NMI . 271. 1912. 3 d Killurin, Wexford. A.H.S. 8-4-1911. 1 Q Manulla, East Mayo. A.W.S. November 1911. 1 d Glenade, Co. Leitrim. A.W.S. 11-7-1907. 1 0 Kinlough, Co. Leitrim. August 1912. 1010 Doe Castle, West Donegal. June 1910. 1 0' Doe Castle, West Donegal. 3039 Loughgall. 12-8-1911. 1 + fBelvoir Park, Down. 29-4-1911. 2 Ç Ballycastle, Antrim. N.H.F. August 1911. 1029 Castlerock. August 1910.

NMI.	136. 1913. 1 d	Bray Head. A.W.S. 30-3-1911.
NMI.	12. 1917. 1 Q	Swanage, Dorset, England. 11-6-1913.
NMI.	28. 1938. 19 1 9	Carrigrohane, Mid Cork. Near Ennis, Co. Clare. R.A.P. 29-11-1931. (Labelled Trichoniscus roseus)
	1 ರ್	Riskaheen Point, Lough Derg, Co. Tipperary. R.A.Z. 25-5-1924.
	1 Q 3 C 2 Q 1 C 1 C 3 Q	Borrisokane, North Tipperary. R.A.P. 25-1-1925. Portumna, South Galway. R.A.P. 3-4-1921. Portumna, South Galway. R.A.P. 24-10-1925. Portumna, South Galway. R.A.P. 7-6-1931.
	5 0 2 9 3 0 3 9 1 0	Ballinasloe, South Galway. R.A.P. 27-5-1945. Ballinasloe, Co. Galway. R.A.P. 13-4-1924. Morcullen, West Galway. R.A.P. 7-11-1931.
	3 C 2 Q 2 C 4 Q 1 Q	Near Menlough, Co. Galway. R.A.P. 10-12-1922. Near Menlough, North Galway. R.A.P. 17-3-1925. Near Menlo, North Galway. R.A.P. 24-6-1925.
	24 cc & çç 2 ç 1 ç	Drumleck, Howth. Near Ballinasloe, Co. Roscommon. R.A.P. 13-6-1925. Tansey Garden. 26-7-1915.
NMI.	32. 1938. 1 Q 1 J J Q	Courtmacsherry, West Cork. R.A.P. 8-8-1930. Near Galway, North Galway. R.A.P. 1-6-1930.
NMI.	64. 1942. 2 J 2 9 2J 4 9 1 J 4 9 3 J 4 9 1 9	Coskagh, Clondalkin. Drumleck, Howth. Botanic Gardens, Glasnevin, Glasnevin. R.S. Bagnall. Castlerock, Co. Derry. N.H.F. August 1910.

.

ļ

LIGIIDAE

LIGIA OCEANICA (Linneaus 1767)

1

NMI.	99. 1892. Jd. 20191J	Dublin Bay. Dublin.
NMI.	128. 1892. 1 c 1 Q	Bundoran. H.L. Jameson.
NMI.	134. 1898 2♀	Achill.
NMI.	42. 1899. 3 ♂	Kenmare.
NMI.	115. 1900. 1 Q	Inishmurry, Co. Sligo. R. Welch.
NMI.	343. 1901. 1 đ	Lahinch, Co. Clare.
NMI.	339. 1904. 1 d 1 (mounted	Foyle district. Buckle collection. specimen). Foyle district. Buckle collection.
NMI.	354. 1910. 2	Tory Island. Coll. Miss J. Agnew. I.F.C.U. 12-8-1910.
NMI .	271. 1912. 2	Armagh. June 1910. Tory Island. July 1910.
NMI.	275. 1912. 1d1♀ 1d	Youghall. Clare Island.
NMI.	125. 1913. 1 d 1 9	Dorinish Island, West Mayo. Coll. N.H. Foster.
NMI.	136. 1913. 1 o	Near Waterford, Co. Kilkenny. A.W.S. 10-4-1911.
NMI.	28. 1938. 1 ♂ 4 ♀ 2 ♂	Howth. Ballycastle. June 1919.
NMI.	64. 1942. 18 co & qq	• No data label.
NMI.	30. 1967. 1 o	Snave, Bantry Bay, West Cork. P.T. Harding. 23-5-1967.*
NMI.	37. 1973. 1 ♀	Kilmicheal Point, Co. Mexford. P.T.H. 7-9-1972.*
NMI.	89. 1977. 2 Q 1 d 1 Q 1 d 1 Q 2 Q 2 Q 1 J 1 Q 2 J 8 dd & QQ 1 d	Glengarriff. R.F.S. May 1891. Glengarriff. R.F.S. May 1891. Berehaven. R.F.S. June 1892. Dingle. R. Welch. 18-9-1910. Farknasilla. R.F.S. 1906. Rostrevor. R.F.S. August 1893. Whitehead, Belfast Lough. R. Welch. October 1897. Murlough Bay, Co. Antrim. F. Jameson. Murlough Bay, Co. Antrim. R.W. May 1894.

NMI.	89. 1977 (co 1 9 1 d 1 d f	ont) Larne, Antrim. R. Welch. Bundoran. 14-7-1892. From water tap. Dunfanaghy, Co. Donegal. J.J. MacGrath. 31-8-1903. No data label.
		LIGIDIUM HYPNORUM (Cuvier 1792)
NMI.	271. 1912. 1 d	Bramber, West Sussex, A.W.S. September 1911.
NMI.	64. 1942. 2♀	Feachase, Sussex.

.

SQUAMIFERIDAE

PLATYARTHRUS HOFFMANNSEGGI Brandt 1833

NMI .	89. 1900. 18 cc & QQ	Cappoquin.
NMI.	339。 1904。 4 oo & qq	Sussex. Buckle collection. 15-4-1900.
NMI.	271. 1912. 2 J 3 Q 2 Q	Mid Cork. Waterford. Coll. H. Wallis Kew.
NMI.	136, 1913, 3 Q 2 Q 8 oor & QQ	Waterford City. A.W.S. 10-4-1911. Near Waterford, Co. Kilkenny. A.W.S. 10-4-1911. Castlebridge, Co. Wexford. A.W.S. March 1911.
NMI.	57. 1919. 30 ơơ & QQ 50 ơơ & QQ	In garden, Graiguenamanagh, Co. Kilkenny. In ant nest (<u>Myrmica</u> sp.). Near St. Mullins. Co. Carlow. 16-6-1919.
NMI .	28. 1938. 5 d 3 9 5 9 1 9 1 d 2 9 2 9 1 d 4 9	Carrigrohane, Co. Cork. East Cork. R.A.P. 4-6-1921. Roscrea, North Tipperary. R.A.P. 22-6-1921. Near Goresbridge. D.R.P.B. 21-8-1908. Kilkenny. R.A.P. September 1922. Wexford. R.A.P. 1910.
NMI.	64. 1935. 1 Q 32 OO & QQ	Near Cork, East Cork, R.A.P. 1935. Northampton.
NMI.	30. 1967. 2 Q	Marlfield, Clonmel, South Tipperary. P.T. Harding. 24-5-1967.*
NMI.		Glengarriff.R.F.S. June 1893. Leixlip. R.F.S. August 1892. Leixlip. R.F.S. September 1892 Leixlip. R.F.S. September 1892. Killarney Wood near Bray. R.F.S.

ONISCIDAE

HALOPHILOSCIA COUCHI (Kinahan 1858) (= PHILOSCIA COUCHI Kinahan 1858)

NMI.	50. 1894. 1 o	Mudhook, Torquay.
NMI.	244. 1908. 2 J 1 Q	Howth. D.R.P.B. August 1908.
NMI.	9. 1917. 2 J 3 Q	Freshwater, Isle of Wight. W. Omer-Cooper. June 1912.
NMI.	28. 1938. 9 d 4 g	Howth.
NMI.	64. 1942. 4 ° 2 Ç	Howth.
NMI.	89. 1977. 4.♀	Howth, Co. Dublin. D.R.P.B. September 1908.
	PHI	LOSCIA MUSCORUM (Scopoli 1763)
NMI.	30. 1896. 1 ♂ 3 ♀ 1 ♂ 3 ♂ 2 ♀	Roundstone, Galway. Roundstone. Inish Macdara.
NMI.	40。 1898。 2 ♂	Cashel.
NMI.	32. 1899. 1 o 1 Q	Plymouth.
MII.	42. 1899. 5 c 9 Q	Kennare.
NMI.	93. 1899. 3 Q	Lough Ree.
NMI.	74. 1901. 1 Q 1 Q	Ballymote, Sligo. R.F.S. Ballymote.
NMI.	339. 1904. 3 Q 2 Q 1 Q 1 Q 1 Q	Foyle district, Buckle collection. Sussex. 3-12-1899. Sussex. Buckle collection. 15-2-1900. Sussex. Buckle collection. 20-3-1900. Sussex. Buckle collection.
NMI.	230. 1909. 1 Ç	Woodford. R.A. Phillips. July 1909.
NMI.	354. 1910. 1 Q	Bunlin, Mulroy Bay. R.W. 13-7-1910.
NMI .	271. 1912. 1 Q 3 d 2 d 1 Q 1 Q 1 Q	Tralee. R. Welch. September 1910. Rathdrum, Wicklow. A.W.S. 12-4-1911. Louisburgh. A.W.S. Clare Island. A.W.S. 18-7-1911. Clare Island. A.W.S. 18-7-1911.

NMI. 271. 1912 (cont) Tory Island. July 1910. 1 d 2019 Castlereagh Hills, Co. Down. 1 0 Hilltown. 20391J Thames Marshes, Greenhithe. A.W.S. September 1911. 2 Q Witley, Surrey. A.W.S. September 1911. NMI. 275. 1912. 10 00 & 00 Inchigeela. 4 d 1 Q Howth. A.W.S. 10-12-1910. 5 Q Clare Island. 1 Ç Near Rothsay, Bute, Scotland. A.W.S. 26-5-1910. NMI. 125. 1913. 1020 Dooaghtry, West Mayo. Coll. J.W. Milne. Louisburgh district. N.H.F. 19-5-1909. 1030 10 Pikes Wood, Achill Island. R. Welch, det. N.H.F. 1909. 3 Q Clare Island. F.R.S. June 1919. 10192J Clare Island (north and east cliffs, districts 5 and 3). 9-9-1909. 1 Q Clare Island. NMI. 136. 1913. Lough Dan. J.N.H. 28-9-1909. 2 Q 1 Q Clare Island. 1079 Various. A.W.S. March/April 1911. NMI. 28. 1938. 1060 Howth. 19 No data label. NMI. 64. 1942. 3020 Fenagh, Co. Carlow. 2049 Fenagh. NMI. 30. 1967. 1 0 Burron Village, Co. Clare. P.T. Harding. 18-5-1967.* NMI . 47. 1968. 2 Q River Suck, Ballinaslee, South-east Galway. P.T.H. 14-6-1968.* NMI. 1973. 37. 1 Ç Howth, Co. Dublin. P.T.H. 3-9-1972.* NMI. 89. 1977. 1 f Killarney. R.F.S. May 1891. Killarney. R.F.S. 1050 September 1893. 2 0 1 J Killarney. F.F. Connor and G.H.C. November 1893. 3020 Tralee. R. Welch, det. N.H.F. 16-9-1910. ΙÇ Dingle. R. Welch, det. N.H.F. 18-9-1910. 1 Q Gallerus, Dingle. R. Welch, det. N.H.F. 20-9-1910. 9 00 & 99 Inch sandhills, Dingle. R. Welch, det. N.H.F. 21-9-1910. 1 0 Brandon Mountain, Kerry, 1500-1675 ft. R. Welch. 25-9-1910. 2 Q Stradbally, Castlegregory, South Kerry. R. Welch, det. N.H.F. 26-9-1910. 1 Q Dursey Island. F.F.C. 1893. lď Berehaven, Co. Cork. R.F.S. June 1893. 5 d 13 Q Glengarriff. R.F.S. May 1891. 4 Q Glengarriff, Co. Cork. R.F.S. June 1892. Queenstown. R.F.S. May 1891. 2 Q 3 Q Lismore, Co. Waterford. R.F.S. September 1893.

89. 1977 (cont) NMI. Lismore, Co. Waterford. R.F.S. September 1893. 1 Q 1 Q + f. Portlaw. British. Kinahan. Loughrea, Co. Galway. W. de V. Kane. 1892. 2 Q Woodford, South Galway. R.A. Phillips. September 1920. 1019 1010 Leixlip. R.F.S. September 1892. 1 ď 2 Q Greystones, Co. Wicklow. H.L. Jameson. June 1892. 1 0 Altidore, Co. Wicklow. R.F.S. June 1892. Devil's Glen. R.F.S. October 1892. 1 ď 4 Q Woodenbridge, Co. Wicklow. R.F.S. April 1893. Blessington. R.F.S. October 1893. Powerscourt. R.F.S. November 1892. 1 0 2 9 2 Q 1 Q Skerries. R.F.S. September 1892. 3 9 Tallaght. R.F.S. 13-11-1892. Loughlinstown. R.F.S. 12-3-1893. 1 0 16 of & QQ Dundrum, Co. Dublin. R.F.S. July 1893. 1 0 4 9 Clonard, near Dundrum. R.F.S. August 1893. 20 of & QQ Raheny, Dublin. R.F.S. October 1893. 1 0 Royal Canal, Glasnevin. J.N.H. 27-4-1893. 2 d Botanic Gardens, Glasnevin. R. Welch. February 1910. Feltrim Hill. R.F.S. March 1893. 1 Q 1 Q Rathfarnham. October 1893. 3 Q I J Mote Park. 19 Westport. 1910. 19 Cahir Island. Cavan. Coll. Halbert. October 1893. (A.S.R.C.) 1069 5019 Ardagh, Co. Cavan. A.R. Nichols. November 1893. Rostrevor, Co. Down. R.F.S. August 1893. 1049 2029 Whitehead, Belfast Lough. R.W. October 1897. 5 Q Cave Hill, Belfast. R. Welch. November 1893. 1 Q Larne. R. Welch. 1 Q Kenbane, Co. Antrim. R.W. 10 Kent, British. Kinahan. 17 of & QQ Guildford near London. R.F.S. July 1893.

ONISCUS ASELLUS Linnaeus 1758

NMI.	81. 1895. 1 Q	Cahir.
'NMI .	30.1896. 1 of 1 Q	Inish Macdara
NMI.	40. 1898.	Cashel.
NMI.	42. 1899.	
NMI.	2 J 2 Q 115. 1900.	Kenmare.
NMI -	2 Q 339. 1904.	Inishmurry, Co. Sligo. R. Welch.
	3 Q 2 Q	Foyle district. Buckle collection. Sussex. 10-12-1899 and 14-3-1900.
NMI.	3. 1909. 4 ç	Inishmore, Aran Islands.
NMI.	246. 1909. 1 Ç	(Label decayed).
	•	· • • •

- 0 - -

NMI. 354. 1910. 1 ơ 1 Q Bunlin, Mulroy Bay. R.W. 13-7-1910. 1 0 Glenveagh. R.W. 10-8-1910. 28 00 & 00 Tory Island. I.F.C.U. 12-7-1910. 1 Ç Tory Island. Coll. Miss J. Agnew. I.F.C.U. 12-7-1910. NMI. 289. 1911. 1019 North side of Croaghmore, 1000-1300 feet. R. Welch. 18-6-1910. NMI. 374. 1911. 1029 Cahir Island. R. Welch. 21-7-1911. NMI. 271. 1912. 1 0 South Kerry. A.W.S. October 1910. 1 Q Killurin, Wexford. A.W.S. 8-4-1911. 10 Mallaranny, Mayo. A.W.S. 1909. 1010 Louisburgh. A.W.S. 2 Q Hilltown. 3010 Looe, Cornwall. F. Cuffy. March 1911. 1 0 Lewes, Sussex. A.W.S. September 1911. 1010 Thames Marshes, Greenhithe, A.W.S. September 1911. NMI. 1912. 275. 2200 & 99 Inchigeela. 1896. (Also indecipherable word). 1 ď Lisnamai, Zion Road, Dublin. R.W. 1909. 1019 Howth, A.W.S. 10-12-1910. 4059 Clare Island. 10 Near Rothsay, Bute, Scotland, A.W.S. 26-5-1910. NMI. 125. 1913. 2029 Achill Island. R.F.S. June 1909. 3 0 Achill, near Sound. (Listed N.H.F.). 14 00 & 99 Clare Island. R.F.S. June. 1010 Dorinish Island, West Mayo. N.H.Foster. June 1910. 7 00 & 99 Dooaghtry, West Mayo. J.N. Milne. 3 0 Curraun. R.F.S. June 1909. NMI. 136. 1913. 1010 Clare Island. 1 Q Various. A.W.S. March/April 1911. NMI. 28. 1938. 1 Q Howth. NMI . 64. 1942. 1 Q Fenagh. 10 Belvoir Park, Down. 29-4-1911. NMI. 30. 1967. 2 ď Burren Village, Co. Clare. P.T. Harding 18-5-1967.* NMI. 1968. 47. 2 đ Glenree River, Ballina, East Mayo. P.T.H. 16-8-1968.* NMI. 37. 1973. Ullard Church, Co. Kilkenny. P.T.H. 5-9-1972.* 1 Ç NMI. 89. 1977. 1 0 Parknasilla. R.F.S. 1906. 1 d Killarney. R.F.S. July 1892. 33 00 & 99 September 1893. Killarney. R.F.S. 2019 Killarney. F.F. Connor & G.H.C. November 1893.

1977 (cont) 89. NMI 🖕 Dingle. 30-5-1894. 1 d Brandon Mountain, Kerry. 1500-1675 feet. R. Welch. 1 0 25-9-1910. 11 of & QQ Berehaven. R.F.S. June 1893. R.F.S. June 1893. 101J Berehaven. Berehaven. F.F.C. 1893. 1 d 10 do & QQ Baltimore. August 1891. 21 do & 99 Glengarriff, Co. Cork. R.F.S. June 1892. Glengarriff. R.F.S. June 1893. 2 Ç 9 do & 99 Lismore, Co. Waterford. R.F.S. September 1893. Mitchelstown Cave. G.H.C. July 1899. 1 ď Aran Islands. R.F.S. September 1891. 1 Ç 3 d Aran Isles. R.F.S. September. (Remainder of label decayed.) Leixlip. R.F.S. September 1893. 11 J 10 of & QQ Leixlip. Greystones, Co. Wicklow. H.L. Jameson. June 1892. 1 0 October 1892. 7 do & QQ Devil's Glen, Co. Wicklow. R.F.S. Woodenbridge, Co. Wicklow. R.F.S. April 1892. 1 0 Woodenbridge, Co. Wicklow. R.F.S. April 1893. 10 Blessington. R.F.S. October 1893. 2 Ç November 1892. 4 do & QQ Powerscourt. R.F.S. Skerries. September 1892. (Remainder of label decayed.) 2 Ç Tallaght. R.F.S. 13-11-1892. 4 00 & 99 Loughlinstown. R.F.S. 12-5-1893. 1 0 17 of & QQ Clonard near Dundrum. R.F.S. July/August 1893. Mayfield, Rathgar. A.W.S. 1921. 1 0 Howth. R.F.S. May 1891. 1010 Howth. R.F.S. May 1892. 7 d Feltrim Hill. R.F.S. March. 1893 1 0 2 9 2010 Mote Park. 30 of & QQ Trim & Kells, Co. Meath. R.F.S. August 1893. Achill Island. 134. (Remainder of label decayed.) 5 d Ardagh, Co. Cavan. A.R. Nichols. November 1893. 101915 Cavan. Coll. Halbert. October 1893. (A.S.R.C.) 2029 8-7-1893. 1 Ç Dundalk. J.N.H. 1 Q (Remainder of label decayed.) Bundoran. H.L. January. Rostrevor, Down. R.F.S. 1893. d f 2 Q Rostrevor, Down. R.F.S. August 1893. 24 dd & QQ Bangor, Co. Down. Coll. G.H. Carpenter. January 1902. 1 Q Bangor, Co. Down. January 1902. 63 Of & QQ Cave Hill, Belfast. R. Welch. November 1893. 2 Q Whitepark Bay, Co. Antrim. R.W. 10 Larne. R. Welch. 11 of & QQ Murlough Bay, Co. Antrim. (F. & F.C.) Jameson. 1 0 Hacham Mountain. J.N.H. 8-9-1893. 1 0 Kent. British. Kinahan. British. Haliday. (Labelled Porcellio pictus) 1 0 1 9 No data.

- 24 -

CYLISTICIDAE

CYLISTICUS CONVEXUS (De Geer 1778)

NMI .	53. 1895. 1 đ	Goresbridge, Kilkenny.
NMI.	339. 1904. 1 d 1 d 1 Q 1 Q	Norton, near Chichester, Sussex. Buckle collection. 8-11-1899. Sussex. Buckle collection. 8-3-1900. Sussex. Buckle collection. 14-3-1900.
NMI.	271. 1912. 1 Q 1 Q 1 Q 2 Q 1 C 1 C 1 C	Mallow, Mid Cork. A.W.S. June 1912. Castlebridge, Co. Wexford. A.W.S. 5-4-1911. Clare Island. A.W. Stelfox. 18-7-1911. Bundoran, East Donegal. August 1912. Belvoir Park, Co. Down. 29-12-1911. Magheralin, Co. Down. (Locality illegible). R.W. April 1910.
NMI.	275. 1912. 1 d 2 Q	Clare Island. Near Rothsay, Bute, Scotland. A.W.S. 26-5-1910.
NMI.	125。 1913。 1d5♀	Clare Island. N.H.F.
NMI.	28. 1938. 2 Q 1 d 1 Q 2 Q 2 d 1 Q 1 Q 1 Q 5 Q 2 Q 2 Q 2 d 6 Q	Mt. Congreve, Co. Waterford. 29-4-1913. Lakeside (near) Killaloe, Co. Tipperary. Tinnahinch, Co. Carlow. R.A.P. 9-7-1924. Tinnahinch, Co. Carlow. R.A.P. 5-4-1930. Athlone, Co. Roscommon. R.A.P. 13-6-1931. Clare Island. Ballyhouse shore, Bangor, Down. Courteenhall, (Northamptonshire).
NMI.	32. 1938. 1 ♂	Kilkenny. R.A.P. 23-7-1930.
NMI.	64. 1942. 4♂3♀	Ayr. A. Patience (Note 1).
NMI.	89.1977. 1 Q 1 Q 4 J 1 C	Leixlip. R.F.S. September 1892. Leixlip. R.F.S. September 1893. (Labelled <u>Porcellio laevis</u> ?) Mayfield, Rathgar, Dublin. A.W.S. 10-5-1920.

PORCELLIONIDAE

TRACHELIPUS RATHKEI (Brandt 1833) (=PORCELLIO RATHKEI Brandt 1833)

NMI. 28. 1938. Northamptonshire. (Labelled Porcellio ratzeburgi) 6079 7 9 Northamptonshire. METOPONORTHUS CINGENDUS (Kinahan 1857) NMI. 42. 1899. 2039 Kenmare. 1904. NMI. 339. Buckle collection. 25-2-1900. 1 đ Sussex. 1 0 Buckle collection. 25-2-1900. Sussex. 1 0 Sussex. Buckle collection. 10-4-1900. NMI. 374. 1911. 1 Q Cahir Island. R. Welch. 1-7-1911. NMI. 271. 1912. 3 Q Valencia Island. 1 Q Mallow, East Cork. A.W.S. June 1912. 20 1 Q Enniskerry, Co. Wicklow, A.W.S. 1-2-1910. Ardcavan, Wexford. A.W.S. 9-4-1911. 1 ď NMI. 275. 1912. 2 Q Roslettan. NMI. 136. 1913. 1 ď Ballyteige Bay, Co. Wexford. A.W.S. 6-4-1911. 1 Q Bray Head. A.W.S. 30-8-1911. NMI . 129. 1)21. Glen of Downs. A.W.S. 1 Q 27-9-1921. NMI. 38. 1929. 2 Q Glengarrif, West Cork. A.E. Boycott & C. Oldham. August 1929. NMI. 98. 1930. 8 Q Above high water mark, Bray Head, Co. Wicklow. E. O'Mahony. 17-9-1930. 28. 1938. NMI. 1 0 Valencia Island. R.J.P.B. 1910. 1010 Parknasilla. D.R.P.B. 24-7-1914. 1 0 Dereen, Co. Kerry. 23-7-1914. 1 Q Kerry. 27 do & QQ Glanmire, Co. Cork. R.A.P. 2 Q Cork. N.H.F. 4 Q Corkbeg, East Cork. R.A.P. July 1927. 30 2 9 Portumna, South-east Galway. R.A.P. 26-8-1921. 1 Q Arklow Head, Co. Wicklow. A.W.S. 22-4-1927. NMI. 64. 1942. 2 0 11 9 Valencia Island. 1 0 2 9 Dundrum, Co. Dublin. R.F.S. NMI 🖉 30. 1967. 1019 Kilcondy House area, near Crookstown, Mid Cork. F.T. Harding. 23-5-1967 *

NMI.	89.	$ \begin{array}{c} 1977 \\ 1 $	 Dingle. R. Welch, det. N.H.F. 18-9-1910. Gallerus, Dingle. R. Welch, det. N.H.F. 20-9-1910. Inch sandhills, Dingle. R. Welch, det. N.H.F. 21-9-1910. Ventry Bay. R. Welch, det. N.H.F. 22-9-1910. Stradbally, Castlegregory, South Kerry. R. Welch, det. N.H.F. 26-9-1910. Killarney, R.F.S. September 1893. Killarney, Co. Kerry. R.F.S. September 1893. Tralee. R. Welch, det. N.H.F. 16-9-1910. Berehaven, Co. Cork. R.F.S. June 1893. Glengarrif, Co. Cork. R.F.S. June 1893. Glengarrif. Glandore. In blackbird nest, Douglas, Co. Cork. R.W. Grainger. April 1942. Aran Isles, Co. Galway. R.F.S. September 1891.
		1 0 1 9 1 0	Woodenbridge, Co. Wicklow. R.F.S. April 1893. Under stones, Lower Glencullen, Co. Wicklow. A.W.S. 25-4-1926.
		2 Q 1 Q 1 Q	Coast, north of Arklow, Co. Wicklow. A.W.S. 29-3-1929. Dundrum. R.F.S. 1893. Dundrum, Co. Dublin. R.F.S. July 1893.
		METOP	ONORTHUS PRUINOSUS (Brandt 1833)
NMI.	68.	1896. 1 Ç	Clonbrock.
NMI.	339.	1904。 1 ♂ 1 ♂ 4 ♀	Foyle district. Buckle collection. Sussex. Buckle collection. 15-11-1899.
NMI.	271.	1912. 1 J J 3 Q 1 Q 1 Q 1 J 1 J J	Rossmore Gardens, Monaghan. Castlewellan. 10-10-1910. Armagh. 18-6-1911. Dorking, Surrey. A.W.S. September 1911.
NMI.	275.	. 1912. 1 Ç	Hillsborough, Co. Down. 11-3-1908.
NMI.	136.	. 1913. 1♂2♀	Botanic Gardens, Glasnevin. R.A.P. February 1910.
NMI.	28.	1938. 6 0 7 9 1 0 1 9 1 9 1 9 1 9	Tinnahinch, Co. Carlow. R.A.P. 5-4-1930. Greystones. N.E. Stephens. Castlewellan. R.W. 3-10-1910. Bloomfield, Co. Antrim. N.E. Stephens. Courtenhall.
NMI.	64.	1942 。 3♀ 2♂2♀	Fenagh. A. Patience. (Note 1).
NMI.	89.	1977. 2 0 3 9 1 9 2 9	Killarney Wood, near Bray. R.F.S. Santry. J.N.H. December 1893. Garden, Dublin. J.N.H.

89. 1977. (cont) NMI. 2 Q Howth. 1 0 Dickson's Nursery, Newtownards. R. Welch. 10-8-1904. 128 of & QQ Bangor, Co. Down. January 1902. 2019 Botanic Park, Belfast. R.V. 1910. 2 Q Kent. 3 Q British. Kinahan. ACAEROPLASTES MELANURUS (Budde-Lund (1879) 1885) (= METOPONORTHUS MELANURUS Budde-Lund (1879) 1885) NMI . 452. 1910. 2039 Howth. J.N.H. 28,1938. NMI. 1029 No data. NMI. 64. 1942. 1019 Howth. J.N.H. 4-10-1909. 9069 Broad Strand, Howth. 1911. 1010 Broad Strand, Howth, Co. Dublin. D.R.P.B. October 1929. 89. 1977. NMI. 1 0 Howth Cliffs, near Needles. A.W.S. & E. O'M. 13-1-1929. 2 f Knox's Bay, Howth. 1019 Howth Cliffs. D.R.P.B. PORCELLIO LAEVIS Latreille 1804 1904. NMI. 339. 1019 Norton near Chichester, Sussex. Buckle collection. 14-11-1899. 1 đ Sussex. Buckle collection. 15-11-1899. NMI. 275. 1912. 2049 Tralee, North Kerry. February 1910. 1069 Drogheda, Louth. R.W. May 1910. NMI. 28. 1938. 2029 Tralee, Kerry. convexus) 1 0 Kilkenny. R.A.P. 3-2-1932. (Labelled Cylisticus 2019 Wack-Wack, Howth. 6-7-1911. 1 0 Howth. June 1913. 7 d 1 9 Corkagh, Clondalkin. D.R.P.B. 17-7-1914. 1019 Rathmines. N.E. Stephens. 1942. NMI. 64. 1010 Cappagh House, Co. Waterford. P.A. Ussher. 2029 Ferrycarrig, Co. Wexford. R.A.P. 21-2-1932. 1 0 Webb. NMI. 89. 1977. 2 Q Tralee. 2 0 3 9 Dundrum, Co. Dublin. 26 dd & QQ Leeson Park, Dublin. 1010 Leeson Park. 1 0 Mayfield, Rathgar. A.H.S. 1921. 1 Q Mayfield, Rathgar. A. J. S. 1921. 1 Q Dublin. May 1894. 1019 British. Kinahan. 1019 British. Haliday.

PORCELLIO DILATATUS Brandt 1833

ł

NMI.	37.	1897 1♂1♀	Surrey.
NMI.	334.	1901. 11 dd & 99	Belfast.
NMI.	339.	2 0 1 0 2 Q 1 0 3 0 1 Q	Belfast. August 1901. Belfast. Buckle collection. August 1901. Belfast. Buckle collection. August 1901. Sussex. Buckle collection. 20-3-1900. Sussex. Buckle collection. Buckle collection.
NMI .	126.	1908. 1 đ	Co. Down. N.H. Foster.
NMI.	271.	1 Q 2 C 1 Q 3 Q	Valencia Island. Killakee. Clare Island. A.W. Stelfox. 18-7-1911. Rossmore Gardens, Monaghan. Loughgall, Co. Armagh. 12-8-1911. Castlewellan hothouses. 10-10-1910.
NMI .	275.	11 ơơ & Q	2 Hillsborough。 28-3-1908。 2 Botanic Gardens, Belfast。 R.W. 10-3-1911。
NMI.	125.	1913. 1 Q	Louisburgh. R.W., det. N.H.F. 1909.
NMI .	136.	1913. 3 of 1 Q	Botanic Gardens, Glasnevin. R.A.P. February 1910.
NMI.	28.	1938. 2 of 1 Q 1 Q 2 Q 1 of 1 Q 1 of 1 Q 1 of 1 Q 3 Q 1 Q 3 of 4 Q	Queen's College, Cork. R.A.P. Mount Congreve, Co. Naterford. 29-4-1913. Milltown, Malbay, Co. Clare. R.A.P. August 1921. Near Galway, West Galway. R.A.P. 3-4-1927. Drumleck, Howth. Castlewellan. R.W. 3-10-1940. Millisle, Donaghadee, Co. Down. D.R.P.B. October 1925, Hothouse, Ballycastle. Glandon, near Kilrea, Co. Antrim. 1920. No data.
NMI.	64.	1942. 1 o 8 ç 2 o 2 ç 1 ç 4 o 1 ç	Fenagh, Co. Carlow. Fenagh. Near Galway, North Galway, R.A.P. 19-5-35. No data. (Labelled <u>P. laevis, type)</u> Lanark. A. Patience. (Note 1).
NMI.	89.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Ventry Bay. R. Welch, det. N.H.F. 22-9-1910. Orchid House, Glasnevin. 24-2-1907. Glasnevin. R. Welch. February 1910. Dundrum, Co. Dublin. Dickson's Nursery, Newtownards, R. Welch. 10-8-1904. Botanic Park, Belfast. R.W. 1910. British. Haliday. British. Kinahan.

- 28 -

PORCELLIO SPINICORNIS Say 1818

(= PORCELLIO PICTUS Brandt 1833)

1895. NMI. 71. Cashel. 1 đ 1895. 81. NMI. 1 0 1 d Cahir. 1 d Bray. 1904. NMI. 339. Buckle collection. 8-4-1900. 1 0 Sussex. 1912. NMI. 271. Tralee. R. Welch. September 1910. 1 0 2 9 Achill Sound. H.W. Lett. September 1910. 1 0 1 đ Monaghan. Castle Caldwell, Fermanagh. 19-8-1912. 1 Q Armagh. June 1911. 1 0 NMI. 1912. 275. 17 of & QQ Loughgilly, Co. Armagh. NMI. 125. 1913. Curraun, near Sound. "Listed N.H.F.". 20 Curraun. R.F.S. June 1909. 1 0 2039 Clare Island. NMI. 136. 1913. Follmounty, Co. Carlow. A.W.S. 11-4-1911. 1 0 28. 1938. NMI. 1 Q Aghadoe, Kerry. Queen's College, Cork. R.A.P. 1 0 Cashel, South Tipperary. R.A.P. 16-7-1924. 1 0 Near Roscrea, North Tipperary. R.A.P. 16-3-1924. 1 ് Near Goresbridge. D.R.P.B. 21-8-1908. 1 Ç Fenagh, Co. Carlow. 1-1-1923. 1 Ç Athlone, Co. Westmeath. July 1920. 1010 2 Q Ballycastle, Co. Antrim. 1942 NMI. 64. 2 Ç Fenagh. $2 \circ$ Fenagh. 1 0 Fenagh. Courteenhall. (Labelled P. rathkei) 10 Courteenhall. (Labelled P. ratzeburgi) 1 Q Gourock. A. Patience. (Note 1). 1 Ç NMI. 89. 1977. 1 0 1 9 Tralee. R. Welch, det. N.H.F. 16-9-1910. 1 0 1 9 Maryborough, Kinahan. 1 Ç Kent. British. Kinahan. British. Haliday. 1 ơ British. Haliday. 1019 British. Kinahan. 1 0 PORCELLIO SCABER Latreille 1804 1895. NMI. 190. Baltimore, Co. Cork. 1 ơ

1896. NMI. 30. Roundstone. 1058 1898. NMI. 40. 7 00 & 99 Cashel. 1898. 134. NMI. Achill Island. 5 Q 1899. NMI. 42. Kenmare. 3 Ç 1899. NMI. 93. Lough Ree. (Labelled Philoscia muscorum). 3 Ç 1900. NMI. 115. Inishmurray, Co. Sligo. R. Welch. 1 0 1 9 1904. 339. NMI. 1-11-1899. Kilmarnock, Dublin. Buckle collection. 19 Foyle district. Buckle collection. 1 0 2 9 Foyle district. Buckle collection. 19 Foyle district. Buckle collection. 2 J Sussex. Buckle collection. 21-11-1899. 1 Q 1909. 246. NMI 。 St. Helen's, Belfast. R. Helch. September 1909. 2 0 1910. NMI. 354. Murder Hole, Melmore, on Rough Island. R.W. 9-7-1910. 1029 33 dd & QQ Tory Island. I.F.C.U. 12-7-1910. Tory Island. Miss J.Agnew. I.F.C.U. 12-8-1910. 1029 281. 1911. NMI . From Puffin nest, The Bills, Clare Island. R. Welch. 5 00 & 99 21-6-1910. 374. 1911. NMI. R. Welch. 21-7-1911. 1 ơ 3 ệ Cahir Island. NMI. 231. 1912. Great Blasket, Co. Kerry. 1 **♀**+ f 1912. NMI. 271. South Kerry. A.W.S. October 1910. 1 Ç Louisburgh. A.W.S. 1 Q Bills of Achill, West Mayo. R. Welch. 21-6-1910. 2 QClare Island. A.W.S. 18-7-1911. 1 0 1 9 Tory Island. July 1910. 1 0 3 9 Lewes, Sussex. A.W.S. September 1911. 1 Q 1912. NMI. 275. 6 00 & 99 Kinsale. Lisnamai, Zion Road, Dublin. R.W. det. N.H.F. 1909. 9 00 & 99 Howth. A.W.S. 10-12-1910. 1 ď Clare Island. 4 J 3 9 1913. NMI. 125. Inishmore, Galway Bay. March 1909. 1 0 1 9 Clare Island. R.F.S. June. 3 0 R.F.S. June. 1 0 2 9 Clare Island. Clare Island, stations 3 and 5. R. Welch. 10-9-1909. 10 8 of & 99 Curraun, R.F.S. June 1909. Dorinish Island, West Mayo. N.H. Foster. June 1910. 2 Ç 17 do & QQ Blacksod Bay. R. Southern, det. N.H.F. September 1909.

NMI.	136.	1913。 3 ♀ 2 ♀ 3 ♂ 5 ♀	Clare Island. Outfall works, Gardens, Belfast. R.W. 1910. Various. A.W.S. March/April 1911.
NMI.	28.	1938. 1 ♀ 1 ♂ 1 ♂ 2 ♀ 2 ♀ 4 ♀	Ennistymon Glen, Co. Clare. R.A.P. 18-5-1922. (Labelled Carraroe, Co. Galway. Howth. Clare Island. Brigg, Lincolnshire. (Labelled <u>P. rathkei</u>)
NMI.	64.	1942。 3♂3♀ 2♀	Fenagh. Fenagh.
NMI .	30.	1967. 2019	Poulsallagh, Burren, Co. Clare. P.T. Harding. 19-5-1967*
NMI.	47.	1968 . 2 Q	River Suck, Ballinasloe, Co. Roscommon, East side of river. P.T.H. 14-6-1968.*
NMI.	37•	1973. 2 ්	Howth, Co. Dublin. P.T.H. 3-9-1972.*
NMI.	89.	10 dd & qq 3 d 1 d 2 q 1 d 1 q 1 d 1 q 1 d 3 q 1 q 2 q 1 d 1 d 1 q 3 d 1 d 1 q 9 dd & qq 6 dd & qq 1 q 1 q 1 q 1 q 1 q 1 d	 Dingle. 30-5-1894. Dingle. R. Welch, det. N.H.F. 18-9-1910. Ventry Bay. R. Welch, det. N.H.F. 12-9-1910. Killarney. R.F.S. September 1893. Killarney. R.F.S. September 1893. Killarney. R.F.S. September 1893. Killarney. F.F. Connor & G.H.C. November 1893. Tralee. R. Welch, det. N.H.F. 16-9-1910. Berehaven, Co. Cork. R.F.S. June 1893. Baltimore. August 1891. Glandore. Lismore, Co. Waterford. R.F.S. September 1893. Leixlip. R.F.S. September 1892. Leixlip. R.F.S. September 1892. Leixlip. R.F.S. September 1892. Leixlip. R.F.S. September 1893. Altidore, Co. Wicklow. H.L. Jameson. June 1892. Woodenbridge, Co. Wicklow. R.F.S. April 1893. Altidore, Co. Wicklow. R.F.S. June 1893. Clonard, Dundrum. R.F.S. July 1893. Clonard, near Dundrum. R.F.S. August 1893. Howth. R.F.S. May 1892. Howth. R.F.S. May 1892. Howth. R.F.S. May 1892. Powerscourt. R.F.S. 19-11-1892. Powerscourt. R.F.S. 13-11-1892. Dodder bank, Terenure. J.N.H. December 1893. J Tallaght. R.F.S. 13-11-1892. Dodder bank, Terenure. J.N.H. December 1893. Trim & Kells, Co. Meath. R.F.S. August 1893. Mardiel, Co. Carlow. A.R. Nichols. November 1893. Carlingford. J.N.H. 8-7-1893. Rosguill Peninsula above Rosapenna, R. Welch. July 1903. Fathom Mountain. J.N.H. 8-7-1893. Rostrevor, Co. Down. R.F.S. August 1893.

NMI.	89.	39 00 & QQ 1 Q 2 d	Bangor, Co. Down. January 1902. Murlough Bay, Co. Antrim. F. & F.C. Jameson. Murlough Bay, Co. Antrim. F. & F.C. Jameson. Murlough Bay, F. & F.C. Jameson. Guildford, near London. R.F.S. July 1893. Sussex. 3-12-1899. Kent. British. Kinahan.
------	-----	--------------------------	---

.

ARMADILIDIIDAE

	A (MADI) LIDIIDAD				
	ELUMA PURPURASCENS Budde-Lund (1879) 1885				
NMI.	244.	1908. 2 с 9 Ф	Howth. D.R. Pack-Beresford.		
NMI.	275.	1912 . 1 Q	Howth. A.W.S. 10-12-1910.		
	64.	3 0 3 9 16 00 & 99 3 0 3 9 11 00 & 99 2 0 1 9 4 0 4 9 17 00 & 99 82 00 & 99 1 0	Howth. Kilbarrack, Co. Dublin. E. O'M. 27-1-1929. Portmarnock. August. June 1913. October.		
	47.	1019	Portmarnock Point, Co. Dublin. F.T.H. 11-6-1968. *		
NMI .		1973. 2 J 2 9	Howth, Co. Dublin. P.T.H. 3-9-1972.*		
NMI.	89.		Howth cliffs. J.N.H. 1909. High tide mark, Baily, Co. Dublin. A.W.S. 10-5-1928. Southern cliffs, near Needles, Howth. A.W.S. 13-1-1929. Howth.		
			IDIUM NASATUM Budde-Lund (1879) 1885 MADILLIDIUM SPEYERI Jackson 1923)		
NMI.	69.	1895 . 1 Q	Tunbridge Wells.		
NMI.	21.	1899. 1 Q	Cheddar Cliffs, Somerset.		
NMI.	125.		MI. 171. 1908 - See register. Belvoir Park, Co. Down. N.H. Foster.		
NMI.	271.	2019	Belvoir Park, Down. 29-4-1911. Hillsborough. April 1908. Kew Gardens, London.		
NMI.	275.		Belvoir Park. May 1908.		
NMI.	136.	1913. 1 Q	Baronscourt, Co. Tyrone. 1-7-1911.		
NMI.	4 :4 .		ee register (Paratypes of <u>Armadillidium speyeri</u> Jackson). Cheshunt, Herts. E. Speyer. 22-11-1922.		
NMI.	28.	1938。 1 ♂ 4 ♂ 3 ♀ 1 ♂	Templemore, Co. Tipperary. R.A.P. 3-9-1922. Botanic Gardens, Glasnevin, Dublin. Bangor, Down.		

•

1942. NMI. 64. Hillsborough, Co. Down. N.H.F. 4019 Hillsborough, Co. Down. N.H.F. 1039 Toad. Bristol. H.B.C. June 1932. 3029 Bute. A. Patience. (Note 1). 3 0 5 Q 30 of & QQ No data. 1977. NMI. 89. Orchid House, Glasnevin. 24-2-1907. 3 ♀ Botanic Gardens, Glasnevin. R. Welch. February 1910. 1019 ARMADILLIDIUM DEPRESSUM Brandt 1833 NMI. 64. 1942. Bristol. H.B.C. June 1932. 5 d 1 Q Toad. ARMADILLIDIUM VULGARE (Latreille 1804) 1895. NMI. 53. 12 dd & QQ Borris, Co. Carlow. 1898. 40. NMI. Cashel. 10 NMI. 68. 1899. 19 do & QQ Courtown. 1904. NMI. 339. Sussex. 10-12-1899. 1010 Sussex. Buckle collection. 20-3-1900. 1 0 Sussex. Buckle collection. 1029 271. 1912. NMI. Naas. 19-6-1908. 2019 Carlingford. 4-8-1908. 1039 Armagh. June 1910. 1049 Armagh. 18-6-1911. 1 0 Killough, Down. A.W. Stelfox. 26-6-1909. 2029 Newry, Down. N.H.F. 11-10-1911. 30 Label torn and indecipherable. R.W. 27-8-190? 5 C 2 Q Looe, Cornwall. F. Cuffy. March 1911. 2019 Lewes, Sussex. A.V.S. September 1911. 2 Ç Thames Marshes, Greenhithe. A.W.S. September 1911. 1 0 Greenhithe, Kent. A.J.S. September 1911. 1 Q (+ f)Dorking, Surrey. A.W.S. September 1911. 1 0 1912. 275. NMI. 16 do & QQ Youghal. Howth. A.W.S. 10-12-1910. Iď 16 of & 99 Inch Abbey, Co. Down. 31-7-1909. 45 do & QQ Magheramorne, Co. Antrim. A.W.S. 1+11-1910. 14 of & QQ Magheramorne. 12-11-1910. NMI. 136. 1913. Waterford City. A.W.S. 10-4-1911. 2 0 34 dd & 99 Magheramorne. 12-11-1910. Various. A.W.S. March/April 1911. 4039 28. 1938. NMI. New Ross, Co. Wexford. R.A.P. 18-1-1931. 30 Fenagh. July 1908. 4 Q Durrow, Queen's County. R.A.P. 1 0 19 00 & 99 No data.

MMI. 64. 1942. 2029 Fenagh. Largs. A. Patience. (Note 1). 30 2 0 1 9 No data. 1967. NMI. 30. Banna Dunes, Ardfert, North Kerry. P.T. Harding. 2019 22-5-1967.* 1968. NMI. 47. East side of River Suck, Ballinasloe, Co. Roscommon. 1019 P.T.H. 14-6-1968.* NMI. 37. 1973. 3-9-1972.* Howth, Co. Dublin. P.T.H. 1 0 89. 1977. NMI. 1029 Glandore. Lismore, Co. Waterford. R.F.S. September 1893. 1 🖓 Greystones, Co. Wicklow. H.L. Jameson. June 1892. 4 ď Woodenbridge, Co. Wicklow. R.F.S. April 1893. 1 0 Howth. R.F.S. May 1891. 1019 2-5-1892. 1019 Howth. 1019 Howth. R.F.S. June 1892. Howth cliffs. J.N.H. 1 0 4 9 1909. Skerries. R.F.S. September 1892. 1 0 Tallagh. R.F.S. October 1892. 1019 9 JO & QQ Clonard near Dundrum. R.F.S. July and August 1893. 18 of & QQ Mornington, Co. Meath. R.F.S. Carlingford. J.N.H. 8-7-1893. 2019 Guildford near London. R.F.S. July 1893. 4 Q Kent. British. Kinahan. 1 0 No data. 1 9 ARMADILLIDIUM PULCHELLUM (Zencker 1799) 1901. NMI. 74. Ballymote, Co. Sligo. R.F.S. 7 00 & 99 1912. NMI. 271. Kiltoom, Co. Roscommon. A.W. Stelfox. April 1910. 2 Ç 136. 1913. NMI. Bagenalstown, Co. Carlow. A.W.S. April 1911. 1 Ç NMI. 28. 1938. 31-5-1922. Borrisokane, North Tipperary. R.A.P. 10 6-5-1923. R.A.P. Borrisokane, North Tipperary. 1 0 3 9 Borrisokane, North Tipperary. 4-6-1931. R.A.P. 3 0 2 9 Roscrea, North Tipperary. R.A.P. 22-6-1921. 3 Q 6 J R.A.P. 18-10-1931. Bog near Eglish, North Tipperary. 1 Ç 10-4-1926. Killedmond, Co. Carlow. D.R.P.B. 1 ơ Maryborough, Queen's County. R.A.P. 7-12-1930. 1 Q Near Galway, North Galway. R.A.P. 21-6-1931. 2 0 Dromakane, King's County. R.A.P. 22-4-1923. 2 0 3 Q Gloster, King's County. R.A.P. October 1924. 1 ơ 3 ệ Under bark of log, Avondale, Co. Wicklow. A.M.S. 1 9 24-8-1924. Lough Dargan, Co. Sligo. N.H.F. 15-4-1914. 3019

NMI	64.	1942.	
		1 ර	Borrisokane, Co. Tipperary. R.A.P.
		1 Ç	Near Roscrea, Co. Tipperary. R.A.P. 15-4-1934.
		1 9	Fenagh. 1-4-1908.
		3 ೆ	Kilcarry, Co. Carlow. Near Brosna, King's County. R.A.P. 7-7-1935.
		1 0	Near Brosna, King's County, Runsier 1 1 2000
			Ballyquintin Point, Co. Down. June 1910.
		3 ° 1 Q	Sennen, Cornwall. H.B.C.
NMI.	89.	1977.	
		1 d	Kilcorry, Co. Cork.
		2 J	Portunna, South Galway. R.A. Phillips. September 1920.
		1 0 1 9	Near Carrickmines. J.N.H. 5-4-1908.
		2 J 1 9	Ballymote, Co. Sligo. R.F.S.
			ADILLIDIUM ALBUM Dollfus 1387
		Ad	
NMI.	30.	1967.	
		2029	Raven Point, Curracloe, Mexford Harbour, Co. Wexford.
			P.T. Harding. 25-5-1967.*
NMI.	47.	1968.	
101. P9 0	-1-	2029	Donabate Dunes, Co. Dublin. P.T.H. 10-6-1968.*
		+	

Cahore Dunes, Co. Wexford. P.T.H. 7-9-1972.*

NMI. 37. 1973.

10

- 36 -

UNDETERMINED MATERIAL

TRICHONISCIDAE

(<u>Tric</u>	nonisc	us vividus)	
NMI.	53.	1895. 2 d	Bagenalstown.
(Tric	honisc	us pusillus)	
NMI.	339.	1904. 1 J	Foyle district. Buckle collection.
(<u>Tric</u>	honisc	us pygmaeus)	
NMI.	493.	1906. 4 d	Winlaton-on-Tyne.
NMI.	354.	1910. 1 d	Tory Island. I.F.C.U. July 1910.
NMI.	271.	1912. 1 Q	Manulla Jn., East Mayo. A.W.S. November 1911.
NMI.	28. 1	1938. 1 d 1 Q	Near Menlo, North Galway, R.A.P. 13-3-1921. Maryborough, Co. Laois, R.A.P. 8-5-1926.
(<u>Hapl</u>	ophtha	almus_danicus)
NMI.	21.	1899 . 2 d	Berkhamstead, Herts.
NMI.	214.	1908. 1 d	Botanic Gardens, Dublin, R.S. Bagnall.
(<u>Hapl</u>	ophtha	almus mengei)	
NMI 。	271.	1912. 1 d	Mallow, East Cork. A.W.S.
(Unna	med)		
NMI.	135.		il. 64. 1942. c Gardens, Belfast. 10-11-1911.
			ONISCIDAE
(Onis	cidae)	
NMI.	89.	1977 . 24 J	Leixlip. R.F.S. September 1892.
(Onis	cus)		
NMI.	271.	1912 . 2 J	Clare Island (Wood). 18-7-1911.
			PORCELLIONIDAE
(Meto	ponor	thus pruinosu	<u>us</u>)
		1912. d	Hillsborough.

(<u>Metor</u>	onort	hus)	
NMI.	271.	1912. 1 J 6 d	No data. South Kerry. A.M.S. October 1910.
(Porce	<u>ellio</u>))	
NMI.	271.	1912. 2 d 7 J	Clare Island, North-east shore. A.∜.S. 18-7-1911. Carrick-on-Suir.
NMI.	125.	1913 . 20 J	Mest of Mweelrea at Dooaghtry. R. Welch. September 1909.
		d	Clare Island. North and East Cliffs, Dist. 523. 9-9-1909.
NMI.	89.	1977. 1 J	Stradbally, Castlegregory, South Kerry. R. Welch, det N.H.F. 26-9-1910.
(Unnai	med)	2 J	Kenbane, Co. Antrim. R.W.
NMI .	93.	1899 . 32 J	Priest's Island, Lough Rea. 28-6-1899.
NMI.	136.	1913. 3 J 12 J	Baronscourt, Tyrone. Clare Island.
NMI.	64.	1942. 1 J	Burnham Woods, Dingle, South Kerry. A.W.S. 4-11-1914.
NMI .	89.	1977. circa 70 J	Rosguill Peninsula, above Rosapenna. R.W. July 1903.
			ARMADILLIDIIDAE
(<u>Arma</u>	dilli	dium)	
NMI .	136.	1913. 1 J	Baronscourt, Tyrone.
			FRAGMENTS ONLY

NMI.	271.	1912. 1 f	Bundoran.	2.
NMI.	89.	1977. 1 d	Dundrum.	R. Southern.

ALIEN SPECIES

CORDIONISCUS STEBBINGI (Patience 1907)

(= TRICHONISCUS STEBBINGI Patience 1907)

NMI.	106. 1911. 1 ♂ 2 ♀	Hillsborough. N.H. Foster. March 1911.
NMI.	3 Q 1 of 1 Q	Botanic Gardens, Belfast. N.H.F. 10-7-1911.
		NISCUS SFINOSUS (Patience 1907) HONISCUS SPINOSUS Patience 1907)

NMI.	64. 1942.		
	5 Q 14 Q	<pre>Glasgow. A. Patience. (Note 1). Glasgow. A. Patience. (Note 1). (labelled "wit <u>T. stebbingi</u> - ? <u>T. spinosus</u>")</pre>	h

SQUAMIFERIDAE

TRICHORHINA TOMENTOSA (Budde-Lund 1893)

NMI. 64. 1942. 2 Q

Botanic Gardens, Belfast. N.H.F. & R.W. March 1911.
4 Q Botanic Gardens, Belfast.

ONISCIDAE

<u>CHAETOPHILOSCIA PATIENCEI</u> (Bagnall 1908) (<u>= PHILOSCIA PATIENCEI</u> Bagnall 1908)

NMI.	64.	1942.			
		2029	Glasgow.	A. Patience.	(Note 1).
		1 ơ 2 ♀	No data.		

PORCELLIONIDAE

AGABIFORMIUS LENTUS (Budde-Lund 1885) (= ANGARA LENTA Budde-Lund 1885)

MMI. 64. 1942.

1 of Hothouses, Dickson's, Chester. A.R.J.

- 39 -

Appendix I

NMI. 99. 1892

Several invertebrates from Dublin Bay, Ringsend. Ligia oceanica and other animals of different groups. Fresented by V. Boshell.

NHI. 128. 1892

Collection of marine and terrestrial invertebrates - Co. Sligo and Co. Donegal. Presented by H.L. Jameson, Loughgilly.

NMI. 50. 1894

Philoscia couchi Kinahan from Torquay. Presented by T.R.R. Stebbing.

NMI. 53. 1895

Collection of vertebrates and invertebrates from counties Carlow and Kilkenny. Collected by the Flora and Fauna Committee (R.F. Scharff and J.N. Halbert). Presented by the Royal Irish Academy.

NMI. 69. 1895

Armadillidium nasatum B.-L. Tonbridge Mells, England. Presented by T.R.R. Stebbing.

NMI. 71. 1895

Porcellio pictus Brandt. Cashel, Co. Tipperary. Presented by Miss Kelsall.

NMI. 81. 1895

Porcellio pictus Brandt. Marlhill, Cahir. Presented by Miss Rice.

NMI. 157. 1895

Trichoniscus roseus Koch. Templeogue, Co. Dublin. Found under stone. Presented by E.C. Farran.

NMI. 190. 1895

Collection of marine invertebrates - Baltimore, Co. Cork. Collected by A.R. Nichols, presented by Royal Irish Academy.

NMI. 30. 1896

Collection of Insects, Spiders etc - Roundstone, Co. Galway. Collected by J.N. Halbert, Presented by the Royal Irish Academy.

NMI. 68, 1896

Collection of Invertebrates. Clonbrock. Presented by Dr. Scharff.

NMI. 37. 1897

Porcellio dilatatus Brandt. Surrey, England. Given by Rev. T.R.R. Stebbing.

NMI. 40. 1898

Collection of invertebrates. Ulster, Kenmare etc. Given by R. Welch.

NMI. 134. 1898

Crustacea. Achill Island. Collected by W. Williams, given by Ed. Williams.

NMI. 21. 1899

Haplophthalmus danicus - Berkhamstead. Armadillidium depressum - France. Armadillidium nasatum - Somerset. Given by Canon Norman.

NMI. 32. 1899

Collection of Invertebrates. Plymouth. Given by Dr. Scharff.

NMI. 42. 1899

Collection of Insects, Spiders etc. Kenmare, Co. Kerry. Collected by J.N. Halbert. Given by the Fauna and Flora Committee of the Royal Irish Academy.

NMI. 68. 1899

Collection of animals. Courtown. Given by Dr. Scharff.

NMI. 93. 1899

Collection of Insects and Spiders - Athlone district. Collected by J.N. Halbert for the Flora and Fauna Committee. Given by the Royal Irish Academy.

NMI. 89. 1900

Collection of Coleoptera, Neuroptera, Arachnida etc. Glandore and Cappoquin. Collected by J.N. Halbert & G.P. Farran for the Flora and Fauna Committee of the Poyal Irish Academy. Given by the Royal Irish Academy.

NMI. 115. 1900

Collection of Insects and Spiders. Enniskillen. Given by R. Welch.

NMI. 74. 1901

Collection of Coleoptera, spiders, etc. Co. Sligo. Collected for the Fauna and Flora Committee of the Royal Irish Academy by R.F. Scharff and J.N. Halbert. Given by the Royal Irish Academy.

NMI. 334.. 1901

Porcellio dilatatus (many specimens in spirit) from a scullery of 1 Thorndale Terrace, Antrim Road, Belfast. Given by C.W. Buckle.

NMI. 339. 1904

Collection of Insects (Coleoptera, Hemiptera etc). British. Donegal, Derry, Antrim, Down, and many English localities. Bought from Mrs. P.W. Buckle, Southampton.

NMI. 343. 1901

Collection of Lepidoptera. Lehinch, Co. Clare. Given by P.H. Grierson.

NMI. 81. 1906

Trichoniscus roseus (3 specimens). Bagenalstown. Given by D.R. Back-Beresford.

NMI. 353. 1906

Trichoniscus roseus. Bagenalstown. Given by D.R. Back-Seresford.

NMI. 354. 1906

Trichoniscus vividus. Bagenalstown. Given by D.R. Pack-Beresford.

NMI. 493. 1906

Trichoniscus pygmaeus Sars. (6 specimens). Winlaton-on-Tyne. November 1906. Given by R.S. Bagnall, The Groves, Winlaton-on-Tyne. NMI. 55. 1908

Trichoniscus pygmaeus. G.O. Sars. Hillsborough, Co. Down. Microscope slide (Canada Balsam, made by R.F.S.). First record for Ireland. Collected by Foster. Given by N.H. Foster.

NMI. 125. 1908

<u>Armadillidium nasatum</u> (5 specimens). Hillsborough, Co. Down. Given by N.H. Foster. One specimen measures 12 mm. (<u>A. pictus</u> deleted and overwritten as <u>A. nasatum</u> B.-L.). <u>A. nasatum</u> has been wrongly determined as <u>A. pictus</u>. R.F.3.

NMI. 126. 1908

P. dilatatus (1 specimen). Hillsborough, Co. Down. Given by N.H. Foster.

NMI. 171. 1908

Armadillidium nasatum (16 specimens), Belvoir Park, Co. Down. Given by N.H. Foster. (<u>A. pictum</u> deleted and overwritten as <u>A. nasatum</u>). A. nasatum has been wrongly determined as <u>A. pictum</u>. R.F.S.

NMI. 214. 1908

A few woodlice, including three species : <u>Trichoniscus pygmaeus</u>, <u>Haplophthalmus danicus</u> and <u>H. mengei</u>. Dublin, Botanic Gardens, September 1908. Given by R.S. Bagnall.

NMI. 244. 1908

Woodlice (18 sp.). <u>Eluma purpurascens</u> B.L. (new species) and <u>Philoscia</u> <u>couchi</u> K. 4 specimens. Howth, Co. Dublin. Given by D.R. Pack-Beresford. <u>E. purpurascens</u> fig. 1 described Ir. Nat. Dec 1908 p 255, plate 10. (2 specimens sent to Joseph Omer-Cooper 7.2.1917).

NMI. 3. 1909

Small collection of insects, woodlice, spiders etc. Inishmor, Arran Islands. Collected and presented by R.A. Phillips 1908.

NMI. 230.1909

A few woodlice etc. Ireland. July 1909. Given by R.A. Phillips.

NMI. 246. 1909

Small collection of Invertebrates, Ireland. Given by R. Welch.

NMI. 354. 1910

Collection of Invertebrates, Donegal and Tory Island. Collected on I.F.C.U. Conference 1910. Given by R. Welch. (Including also a few Myriapods collected later.)

NMI. 452. 1910

Metoponorthus melanurus B.-L. 4 specimens. Howth. Given by J.N. Halbert.

NMI. 289. 1911

Small collection of invertebrates given by R. Welch. Clare Island. On Croaghmore, 1000-1300 feet, north side. 18.6.1910.

NMI. 106. 1911

Trichoniscus stebbingi. 4 specimens. Hillsborough, Co. Down. Given by N.H. Foster.

NMI. 281. 1911

Small collection of Insects etc. The Bills off Clare Island. In nests of Black Backed Gull and Puffin. Given by R. Welch.

NMI. 374. 1911

Small collection of Insects, Spiders etc. Clare Island, Caher Island, Co. Cavan and Co. Tyrone. Given by R. Welch.

NMI, 231. 1912

Woodlice (5 species) Great Blacket Island, Co. Kerry. Given by N.H. Foster, Belfast. Collected by A.W. Stelfox in June 1912 (see Irish Nat.). For names of species see Foster's letter.

NMI. 271. 1912

Collection of Woodlice. Ireland. Includes a few foreign specimens. Given by N.H. Foster.

NMI. 275. 1912

Collection of Woodlice. Ireland. Given by N.H. Foster.

NMI. 125. 1913

Collection of Hoodlice. Clare Island and surrounding district. Collected by R.F. Scharff, R. Helch and N.H. Foster during the Clare Island Survey.

NMI. 135. 1913

Collection of Spiders. Clare Island and district. Collected during Clare Island Survey.

NMI. 136. 1913

Collection of Woodlice, Ireland. Given by D.R. Pack-Beresford.

NMI. 9. 1917

A small collection of Isopoda (7-12.1917) including <u>Philoscia couchii</u> (5 specimens). Isle of Wight. Received in exchange for specimens of <u>Eluma purpurascens</u> and <u>Metoponorthus cingendus</u>. Given by Joseph Omer-Cooper.

NMI. 12. 1917

A small collection of Isopoda (7-12.1917) including <u>Haplophthalmus mengei</u> (1 specimen), Swanage, Dorset. Received in exchange for specimens of <u>Eluma purpurascens</u> and <u>Metoponorthus cingendus</u>. Given by Joseph Omer-Cooper.

NMI. 57. 1919

Woodlice (<u>Trichoniscus vividus</u> and <u>Platyarthrus hoffmannseggi</u>) and a horse leech. Co. Carlow and Co. Kilkenny. Collected June 1919. Given by Jane Stephens.

NMI. 129. 1921

Collection of Hymenoptera from Dublin district. Collected during 1921, subsequent to 1st July. Given by A.W. Stelfox.

NMI. 44. 1923

Armadillidium speyeri Jackson, & Q. Cheshunt, Herts. Labelled "Paratypes". <u>A. speyeri</u> area described in Ann. Mag. nat. Hist. for February 1923. Given by Harold G. Jackson. Birkbeck College, London.

MMI. 38. 1929

Woodlice (Metoponorthus cingendus, Kinahan). Glengariff, Co. Cork (West). Given by Prof. A.E. Boycott, F.R.S. and Mr. Charles Oldham.

NMI. 98. 1930

Woodlice. <u>Metoponorthus cingendus Kinahan</u>. Above high water mark, Bray Hill, Co. Wicklow. Found on 27 September 1930. Given by E. O'Mahony.

NMI. 28. 1938

Two glass jars of Irish woodlice. Records. Given by Denis Pack-Beresford, Fenagh, Bagenalstown, Co. Carlow.

NMI. 32. 1938

Four glass jars of common species of Irish spiders. Becords. Given by Denis Fack-Beresford, Fenagh, Bagenalstown, Co. Carlow.

NMI. 64. 1942

Collection of material presented by D.J. Pack-Beresford, the property of his brother, the late Denis R. Pack-Beresford. Including 10 jars Irish woodlice, 6 jars foreign woodlice, 9 jars miscellaneous and 4 tin boxes containing tubes of spiders and woodlice from the stomachs of (English) toads and frogs.

NMI. 30. 1967

Collection of Woodlice. Presented by Faul T. Harding (12 species. Irish. Locality, habitat and date listed.)

NMI. 47. 1968

Collection of Isopoda. Presented by Paul T. Harding. (8 species. Irish. Locality listed.)

NMI. 37. 1973

A small collection of woodlice (Crustacea, Isopoda, Oniscoidea) Ireland. Presented by Paul T. Harding. (8 species plus 1 aquatic Isopod. Irish. Localities listed.)

NMI. 89. 1977

Tubes of terrestrial Isopods (Woodlice) previously apparently unregistered material within Museum Collection. Ireland. Sundry donors including Scharff, Foster, Welch, Phillips, Pack-Beresford and others. This sundry assemblage is given a number - 89. 1977 - at the request of Mr. P.T. Harding, Monks Wood Experimental Station. Appendix II

ļ

COLLECTORS, IDENTIFYING EXPERTS ETC.

Name	Initials
Miss J. Agnew	-
R.S. Bagnall	R.S.B.
A.E. Boycott	-
C.W. Buckle	-
G.H. Carpenter	G.H.C.
F.F. Connor	-
H.B. Cott	H.B.C.
F. Cuffy	-
N.H. Foster	N.H.F.
R.W. Grainger	-
J.N. Halbert	J.N.H.
A.H. Haliday	-
P.T. Harding	P.T.H.
A.R. Jackson	A.R.J.
F. & F.C. Jameson	-
H.L. Jameson	-
W. de V. Kane	-
H. Wallis Kew	-
J.R. Kinahan	-
H.W. Letts	-
J.J. McGrath	-
J.W. Milne	-
A.R. Nichols	-
E. O'Mahony	E. O'M.
C. Oldham	-
W. Omer-Cooper	-

Appendix II (cont)

D.R. Fack-Beresford	D.R.P.B.
R.J. Fack-Beresford	R.J.P.B.
A. Patience	A.P.
R.A. Phillips	R.A.P.
R.F. Scharff	R.F.S.
R. Southern	-
A.W. Stelfox	A.W.S.
N.E. Stephens	-
P.A. Ussher	-
R. Welch	R.W.
(Royal Irish) Academy Scientific Research Committee	A.S.R.C.
Irish Field Club Union	I.F.C.U.
Uncertain - Possible Errors on original (labels (R.F.P. F.R.S. H.V.S.