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Monograph

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The Earwig Collection (Dermaptera) of the Manchester Museum, UK, with a complete type catalogue

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Abstract. This paper presents a description of the worldwide Dermaptera collection of the Manchester Museum, UK. In total, the collection contains over 16,700 specimens and represents 835 species and subspecies (approximately 44% of the Dermaptera world fauna). The composition of the collection is described and a brief account is given of its history and those instrumental in its development, notably W.D. Hincks (1906–1961) and A. Brindle (1915–2001). Correspondence held at the museum relating to their work on Dermaptera is listed and examples relating to *Labidura herculeana* (Fabricius, 1798) and some of the parasitic earwigs in the collection are explored. Finally, a complete type catalogue of the Manchester Museum’s Dermaptera is presented; it is arranged alphabetically by species name as originally described, with photographs of all holotypes and their corresponding data labels. The collection contains 40 holotypes and 694 secondary types (allotypes, syntypes or paratypes), representing 283 species and subspecies, an estimated 15% of the Dermaptera world fauna.

Key words. Dermaptera, type catalogue, Manchester Museum, W.D. Hincks, A. Brindle.

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Introduction

The collections of arthropods at the Manchester Museum (MMUE) are among the top three in the UK, containing more than three million specimens, including about two and a half million insects (Logunov & Merriman 2012; Logunov 2010a). The worldwide Dermaptera collection is one of the particular strengths of the Entomology Department and it is probably among the most comprehensive in the world (Logunov 2010b), containing almost a half of the species described worldwide (see Table 1).

During the review of the collection, an updated count was made of all its constituent parts (Table 1). The total of over 16,700 specimens is approximately 5,000 more than previously thought (Logunov & Merriman 2012). In the process, accession numbers have been added to all individual dried, mounted primary and secondary type specimens and to all vials of spirit specimens.

The aims of this paper are (1) to briefly describe the composition of the Museum's Dermaptera collection and its history and (2) to provide a complete catalogue of its type material. The Manchester collections are searchable online at <http://www.museum.manchester.ac.uk>; however, the Dermaptera collection is not yet completely databased on the Museum's collection management system to species level and this significant resource is currently very little used. It is hoped that the publication of this paper with a complete type catalogue will encourage and facilitate the use of this important, but underpublicized and underused collection.

Description of the Dermaptera collection

The collection comprises over 16,700 specimens organised in five divisions:

1. Approximately 10,800 worldwide specimens (accession no. F3233) are dry mounted, housed in three Watkins and Doncaster wooden cabinets, each with 20 glass-lidded drawers (Fig. 1). The specimens are pinned or mounted on card and arranged taxonomically. Table 1 gives the numerical composition of the collection and Fig. 2 gives the percentage of World Dermaptera represented at the Manchester Museum, by family. Three drawers (approx. 1300 specimens) contain undetermined material, partially sorted according to the zoogeographical regions. Table 2 shows the geographical distribution of the undetermined material.
2. The British earwig collection is kept separate from the foreign insects and is housed in one drawer of a Hill unit (Fig. 3). The four native species are represented, as well as *Euborellia annulipes* (Lucas, 1847) and *Marava arachidis* (Yersin, 1860), with 250 specimens in total (Table 3). In addition, there is one specimen of *Labidura riparia* (Pallas, 1773) from France in this collection.
3. There are around 2000 undetermined specimens of papered material. 1600 are Indian Dermaptera (accession no. F3254) collected between 1953 and 1972 (Fig. 4). They were supplied by the well-known Indian entomologist and natural history dealer P. Susai Nathan (1891–1976) of Kurumbagaram (the 'P.' is the initial of his father's name, Prabala Nathan; M.A.N. Jayapaul pers. comm., 2015). Following his retirement in 1969, his daughter-in-law Theresa Rajabi Susai Nathan took over the dealership (see comments in the text under 'Alan Brindle'). 185 specimens (accession no. F3241) are from South America, collected by Czeslaw M. Biezanko (1895–1986), a Polish entomologist and recognized authority on South American butterflies. A further 200 specimens are from northern India collected between 1953 and 1956. The collector is identified only as 'F.S'.
4. The spirit collection contains approximately 3500 Dermaptera specimens stored in 70% industrial methylated spirit in glass tubes with polythene caps. The tubes are stored upright in plastic boxes lined with foam plastic. While completing this project, the opportunity was taken to re-curate the spirit collection by topping up where necessary, restoring specimens which had completely dried

Table 1. Composition of the Manchester Museum's Dermaptera collection.

Family	No. of species and subspecies				MMUE's representation of World Fauna (%)	No. of specimens		
	World Fauna ¹	MMUE collection		Combined Dry/Spirit ²		Dry	Spirit	Total
		Dry	Spirit					
Anisoblabididae	393	170	16	170	43.3	1426	532	1958
Apachyidae	15	8	0	8	53.3	72	0	72
Arixeniidae	5	2	2	2	40.0	9	20	29
Chelisochidae	95	32	1	32	33.7	463	1	464
Diplatyidae	144	43	0	43	29.9	136	0	136
Forficulidae	470	185	21	185	39.4	3077	820	3897
Hemimeridae	11	5	3	6	54.5	21	15	36
Karschiellidae	12	11	0	11	91.7	88	0	88
Labiduridae	76	36	4	36	47.7	1044	209	1253
Pygidicranidae	185	92	1	92	49.7	734	1	735
Spongiphoridae	510	250	17	250	49.0	2825	1386	4211
Undetermined	–	–	–	–	–	3326 ³	544	3870
Total	1916	834	65	835	43.6	13,221	3528	16,749

¹Hopkins *et al.* (2014) (Extant species).

²Species present in both dry and spirit collections counted only once.

³Includes both mounted and papered material.

out, and adding accession numbers to all vials. There are two species in the spirit collection not represented in the dry collection. One is *Hemimerus hanseni* Sharp, 1895. The other is a species for which the author was unable to find reference to a published description, *Pericomus nigra*, identified by Brindle in 1980. The specimens of this species were part of around 5000 collected by Dr. Henk Wolda in Panama (see below in the type catalogue). Wolda was an entomologist and staff member at the Smithsonian Tropical Research Institute. There is no reference to this species in Brindle's notes from his analysis of the material (MMUE, Brindle archive, items 129, 138), from which he did, however, describe *Pericomus ater* as a new species.

5. 108 specimens of earwigs imported in foodstuffs or plant material form part of a reference collection (accession number F3231) initiated by W.D. Hincks (see section 'Walter Douglas Hincks' below). Five species in 4 genera are represented and include 89 specimens from East Africa, 14 from West Africa and 2 from Saudi Arabia, almost all found in imported bark or logs.

In summary, 835 species and subspecies are represented in the entire collection, approximately 44% of the Dermaptera world fauna. The number of species is comparable to those held at the British Natural History Museum (BMNH; now Natural History Museum), London (855 species). The number of specimens at MMUE is 75% that of BMNH, which holds 450 primary and 1200 secondary Dermaptera types (Natural History Museum 2015b). A complete type catalogue of Dermaptera at MMUE is provided below.

Development of the Dermaptera collection

Two curators of the Manchester Museum Entomology Department, Walter Douglas Hincks (1906–1961) and Alan Brindle (1915–2001), were chiefly responsible for developing the extent and geographical scope of the collection as it is today, both being the world authorities on the order in their time. Hincks was

Table 2. Number of undetermined Dermaptera specimens in the Manchester Museum by geographical region.

Region	No. of specimens			Total
	Dried, mounted	Dried, papered	Spirit	
Oriental	464	1622	0	2086
Afrotropical	288	0	2	290
Australasia	191	0	0	191
Neotropical	300	185	470	955
Palaearctic	46	202	5	253
Nearctic	2	0	0	2
No data	26	0	67	93
	1317	2009	544	3870

Assistant Keeper of Entomology at Manchester Museum from 1947 to 1961 (the title changed to Keeper in the 1950s) and Brindle was the Keeper of Entomology from 1961 to 1982.

The Museum was founded by the Manchester Society for the Promotion of Natural History in 1821. A history of the development of the museum is provided by Alberti (2009). An outline of the establishment of the Entomology Department is given by Johnson (1996) and Logunov (2010a), who pinpoint the department's beginnings to the promotion of John R. Hardy (1844–1921) to Senior Assistant Keeper and Curator of Entomology in January 1908. Prior to this, the insect collections inherited from the



Fig. 1. The author and two of the three cabinets (drawers 21–60) housing the dry, mounted specimens in the worldwide Dermaptera collection, the Manchester Museum.

Table 3. Number of Dermaptera specimens in the British Collection of the Manchester Museum, by species.

Family	Genus	Species	No. of specimens
Anisolabididae	<i>Euborellia</i>	<i>annulipes</i>	32
Forficulidae	<i>Forficula</i>	<i>auricularia</i>	87
Forficulidae	<i>Forficula</i>	<i>lesnei</i>	9
Forficulidae	<i>Apterygida</i>	<i>media</i>	22
Labiduridae	<i>Labidura</i>	<i>riparia</i> ¹	1
Spongiphoridae	<i>Labia</i>	<i>minor</i>	95
Spongiphoridae	<i>Marava</i>	<i>arachidis</i>	4
Undetermined	–	–	1
Total			251

¹ Collected in France.

Manchester Natural History Society were in such a poor state that it was considered necessary to start them again from scratch (Report 1890–94).

In 1951 Hincks wrote:

“... it has been stated of various orders or groups of insects that they are ‘neglected’. To none is the epithet more truly applicable than to the order Dermaptera or Earwigs, the serious students of which, at any one time, could be counted on the fingers of one hand” (Hincks 1951a: 1).

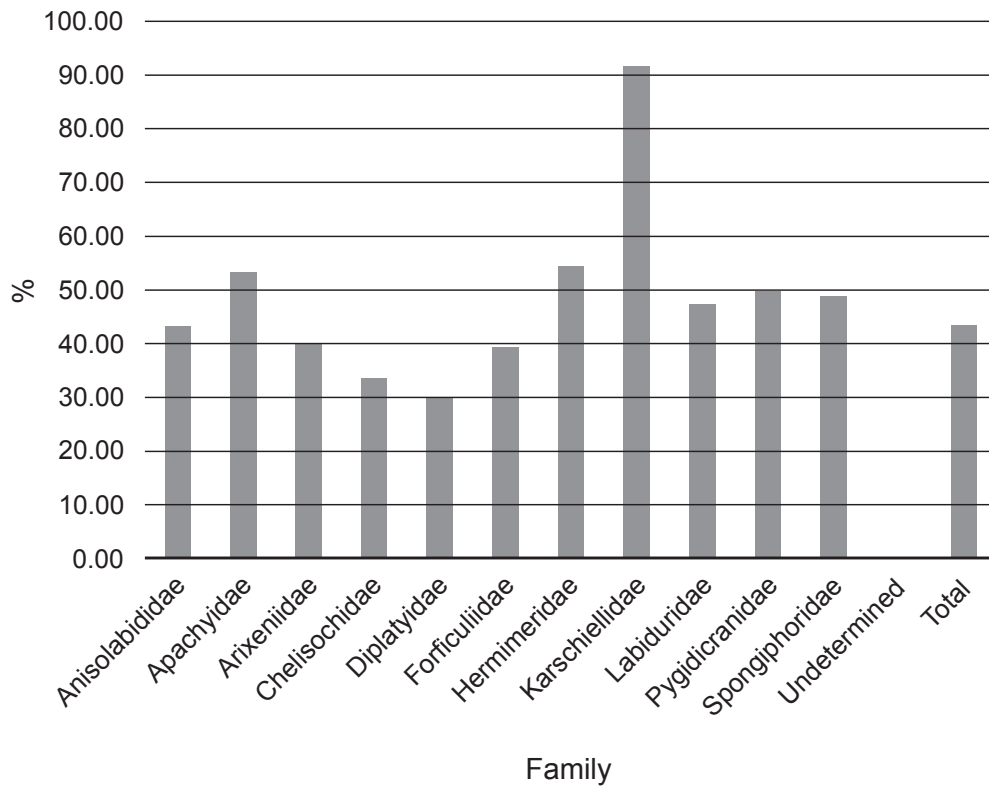


Fig. 2. A graph showing % of World Dermaptera represented at the Manchester Museum, by family.

It is not surprising then that from the first entry in the Entomology Department's Accession Register (Volume 'F') in 1889 by Hardy until the 1950s, with one exception, there is no specific mention of Dermaptera acquisitions in the Museum's Annual Reports or in the Accession Register. The exception is three specimens of the parasitic *Hemimerus talpoides* Walker, 1871 from the Gold Coast, West Africa, donated by Prof. Hickson in 1919 (accession no. F1809; see Parasitic Earwigs below). That is not to say earwigs were not acquired. In the early part of the century it is likely they were included in the unspecified 'Insects' and possibly 'Orthoptera' received from around the world, and certainly from the time of Hincks in the late 40s onwards, Dermaptera started to flood into the Department. The acquisitions were not, however, entered into the Accession Register as a matter of routine.

Much research would be necessary to identify the sometimes tortuous routes by which many of the early specimens came into the collection; as described below, many were acquired through exchange, particularly by Hincks and Brindle. The earliest dated specimen in the Dermaptera collection is an *Apachyus chartaceus* (Haan, 1842) dated 1878 (Fig. 5). It was collected during a Dutch scientific expedition to Sumatra 1877–1879 under the supervision of the President of the Royal Dutch Geographical Society, Prof. P.J. Veth (Wentholt & Wilschut 2003). Dermaptera material from the expedition was sent to Auguste de Bormans of Belgium for identification (Veth 1892), considered 'the only and final

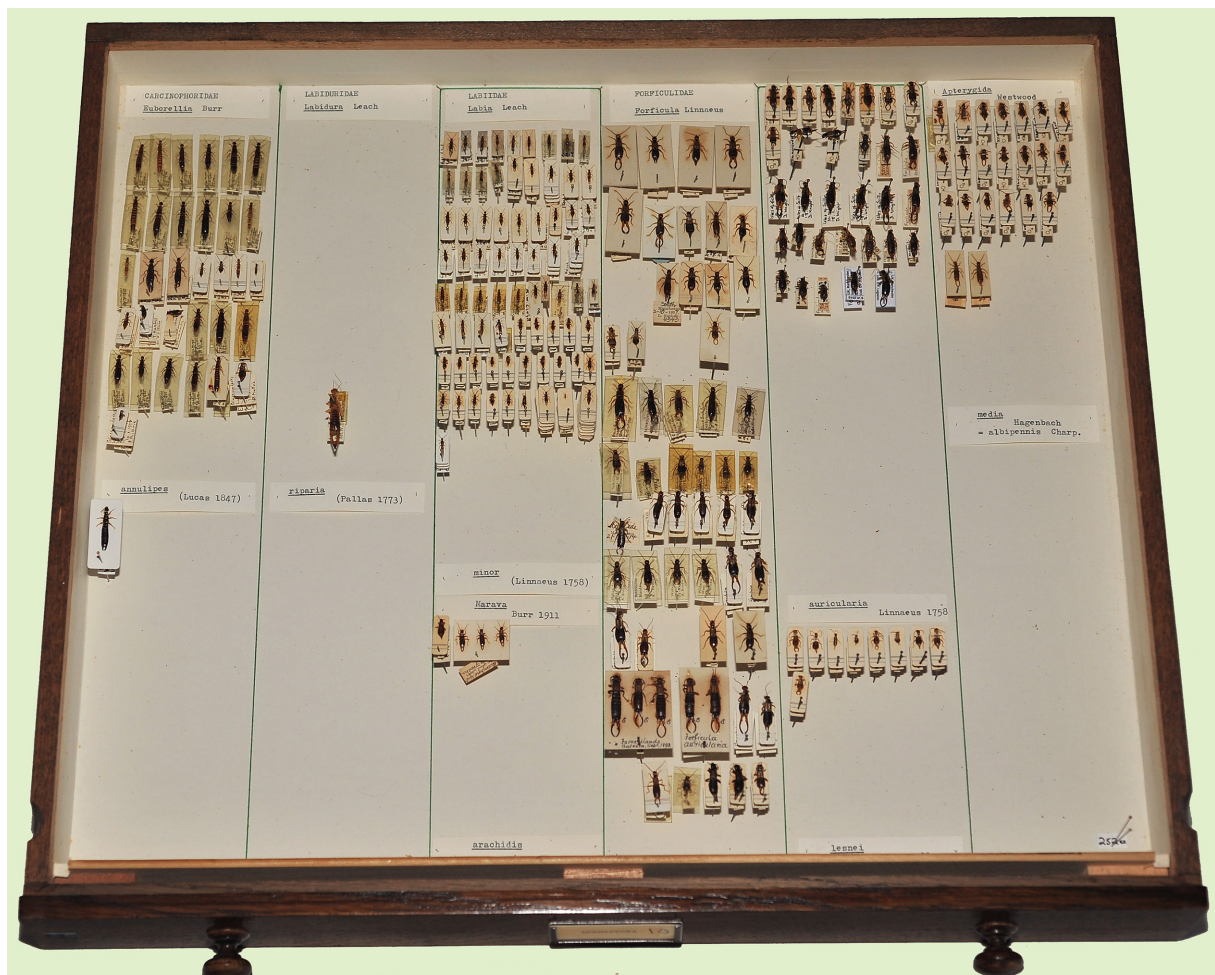


Fig. 3. A drawer of the British Dermaptera collection, the Manchester Museum.

authority' on Dermaptera at the time (Burr 1901: 85). De Bormans' collection was acquired by Malcolm Burr (see below) and later sold to BMNH in the early 1900s (letter from Burr to Hincks, MMUE, Hincks archive, item 54; Natural History Museum 2015a).

Other specimens dating from the end of the 19th century were collected by Leonardo Fea (1852–1903) in Burma (now Myanmar), and by Hans Frühstorfer (1866–1922) in Java in 1893 and Lombok, Lesser Sunda Islands in 1896. Fea was an Italian zoologist who worked at the Genoa Natural History Museum and made several foreign trips to collect specimens, exploring extensively in Burma in the late 1880s (Gorman 1892). Frühstorfer was described as "...a purely entomological and systematic genius, the like of which we have never met before and are not likely to meet again" (Martin 1922: 97). In Lombok he met and worked with William Doherty (1857–1901), "Prince of collectors" (Martin 1922: 99), who collected MMUE's specimen of *Cordax armatus* (de Haan, 1842) in Macassar, Indonesia in 1896.

In 1919, Harry Britten (1870–1954) was appointed as Hardy's successor as Assistant Keeper at Manchester Museum. According to Hincks, Britten was "the greatest British entomologist since the days of Curtis and Stephens" (Hincks 1954a: 225). He particularly added to the extent of almost all orders of British insects in the collection and improved their arrangement (Report 1923–24). He and Hincks each provided 50–60 British earwig specimens and between them collected almost 50% of the specimens in the British collection. Britten's specimens are almost entirely from Lancashire and Cheshire, collected between 1919 and 1948, overlapping Hincks' which date from 1932 to 1951. The earliest dated specimens are *Forficula auricularia* Linnaeus, 1758 collected in 1892 in the Farne Islands, the label only identifying the collector as 'Bateson'. The most recent specimen (also *F. auricularia*) was collected in 2013 at Manchester University by the current Curator of Arthropods, Dmitri Logunov.

There is little information about the contribution to the Dermaptera collection of Geoffrey Kerrich (1909–2003), who followed Britten as Assistant Keeper in 1937. He was seconded away from the museum to other duties a year after the start of the war and only returned half-time in 1943. His particular interest was parasitoid Hymenoptera (Noyes 2003). The Annual Report of 1940–41 notes that he began to build up "... a collection of immature forms in fluid preservative ...", although it is not specified whether this included any earwigs (Report 1940–41: 7).



Fig. 4. Papered material from India collected by P.S. Nathan and T.R.S. Nathan between 1953 and 1972. Arrows indicate Brindle's identifications (see comments in the text under 'Alan Brindle').

Walter Douglas Hincks (1906-1961)

The development of the Dermaptera collection really took off when Hincks (Fig. 6) was appointed Assistant Keeper in August 1947. When he took over, “with the aid of his assistant Stanley Shaw, and later Alan Brindle, the rearrangement and combination of these collections was commenced with the object of making the Museum’s Entomology Department the finest reference and study centre in the North” (Kloet 1961: 183). Hincks developed his interest in entomology as a member of the Leeds Naturalists’ Club while studying to qualify as a pharmacist (Thimann 1961). He went on to work for a large firm of manufacturing chemists. Kloet (1961) describes how Hincks developed his expertise first as



Fig. 5. The collection’s earliest dated specimen, *Apachyus chartaceus* (Haan, 1842), dated 1878, the Manchester Museum. Scale bar = 1 cm.

a world authority on Passalidae, with his friend John Dobb, and then extended his studies to Orthoptera, Chironomidae, Diptera, Cassidinae and parasitic Hymenoptera. At the same time he built up a large private collection and during his life “... played a most important role in the organisations devoted to the promotion of *Entomological knowledge*” (Kloet 1961: 182). He is well known for the comprehensive 24-volume Check List of British Insects compiled in collaboration with Kloet, published in 1945 (Kitchen 1962). This publication formed the structure for the future layout of the British collections at the Manchester Museum (Johnson 1996).



Fig. 6. Walter Douglas Hincks (1906–1961), Keeper of Entomology at the Manchester Museum (1947–1961), photographed in the late 1950s.

Hincks began to focus on the study of Dermaptera in the early 1930s and was encouraged and supported by Dr. Malcolm Burr (1878–1954), a pioneer in the field who was originally a specialist in European Orthoptera but became an accepted authority on Dermaptera (Hincks 1954d). Burr trained as a geologist, but was also a journalist, author and in his later years, an English professor at Istanbul University (Harvey *et al.* 1996). The two men kept up a sustained correspondence. 34 letters from the period January 1933 to October 1951 are held in the Museum's entomological archive. In January 1933, Burr wrote, "*I am so delighted that some one [sic], esp. an Englishman, has come forward to carry on the work [on Dermaptera] where I gave up*" (MMUE, Hincks archive, item 52) and writing to Hincks from Istanbul in 1950, Burr wrote, "*I should like to see you chuck the beetles and go all out on earwigs*" (MMUE, Hincks archive, item 42). Hincks did make earwigs one of his special areas of study, becoming a major contributor to the development of the taxonomy of the order. Kloet said of him:

"... he realised that here lay the greatest scope for research and a task that would test to the utmost his skill as a systematist and taxonomist and exercise his talent for the investigation of nomenclature and synonymy. It is rare, indeed, to find a man capable of all these approaches, yet Hincks was undoubtedly master of them all" (Kloet 1961: 182).

One of the reasons Hincks gave for the lack of progress with Dermaptera taxonomy was that, until Burr, no-one had enough material to develop a sound classification of the order (Hincks 1951a). In February 1933, Burr exhorted Hincks, "*... the chief thing is to get a representative set of as many genera as poss. You will find my coll. in the B.M. the completest in existence still*" (MMUE, Hincks archive, item 54). This was backed up by James Rehn (1881–1965), Acting Curator at the Academy of Natural Sciences of Philadelphia, who wrote on 3 Mar. 1933:

"It may be possible for me in the not distant future to send material of a few species of earwigs which are included in our duplicate series, but my experience has been much the same as Dr. Burr's, in that earwigs rarely come to the student in sufficient series to more than supply his working representation" (MMUE, Hincks archive, item 56).

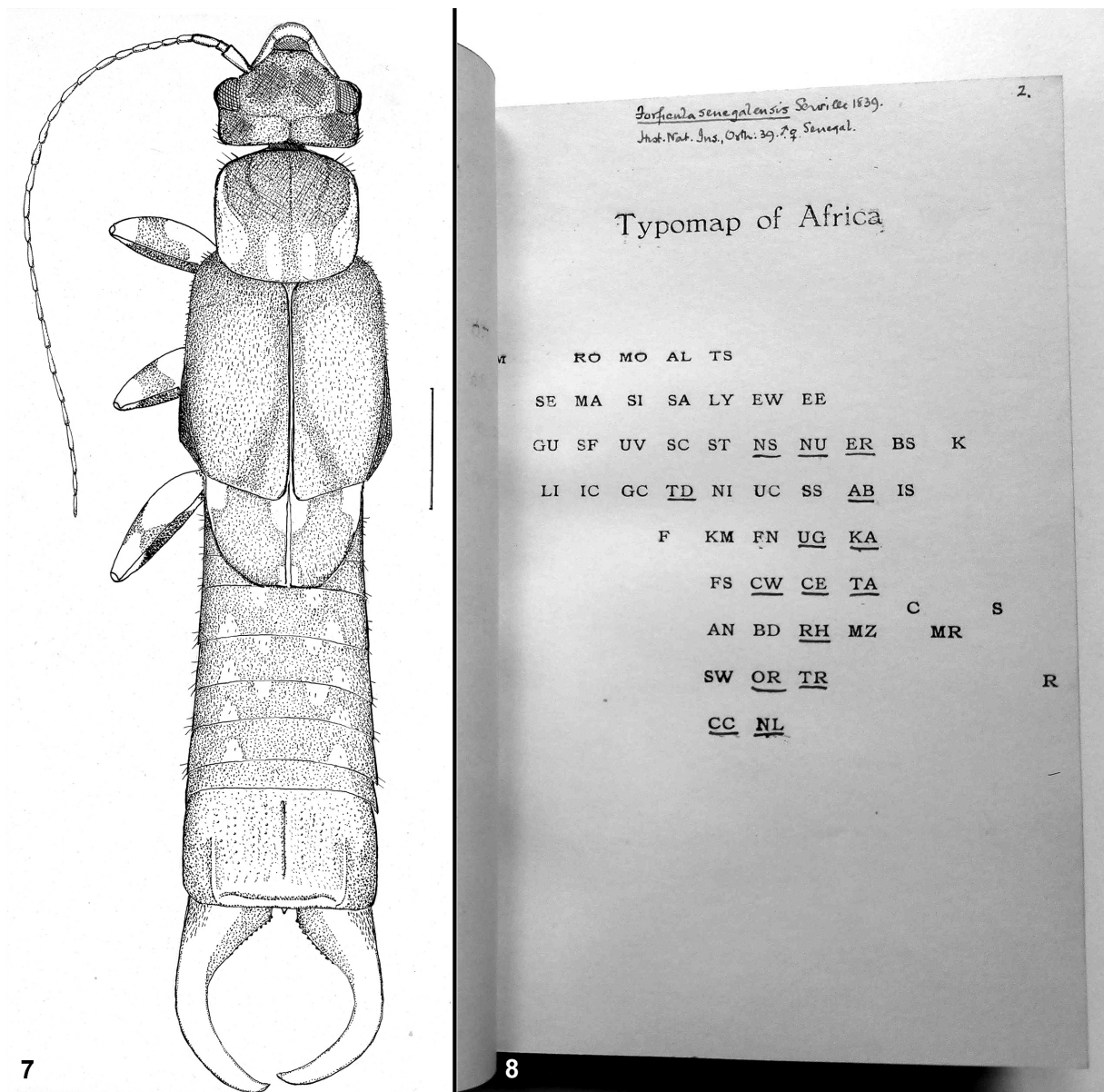
Hincks therefore worked assiduously to build up a comprehensive earwig collection and achieved this by several means. To widen the geographic range of the collection, he requested or encouraged others to request collectors to provide specimens from particular areas, and at the same time arranged the purchase of specimens directly from collectors. Correspondence in the Hincks archive, retained at the Manchester Museum, evidences his network of contacts with those at the forefront in the study of Dermaptera such as Friedrich Zacher (1884–1961), J.A. Rehn, Alfredo Borelli (1858–1943), Carlo Menozzi (1892–1943) (Gilbert 1977) and Grigory Bey-Bienko (1903–1971) (Rentz 2014; MMUE, Hincks archive, items 48, 72, 56, 58, 85, 90, 387). Appendix I provides a list of Hincks' correspondence specifically relating to Dermaptera. In 1938 he advertised in the publication *Insektenbörse* to buy Dermaptera material. This resulted in the purchase of 370 earwigs from Java (supplied by H. Lucht and M.E. Walsh) and 270–80 from Paraguay (supplied by F.H. Schade) (MMUE, Hincks archive, items 45–7, 104–6, 124).

From all this material, he determined and described new species and this taxonomic work led to scholarly publications. His philosophy was that the department "*... should carry out taxonomic and biogeographical research at the international level, based upon the collections of overseas museums as well as its own*" (Johnson 1996: 205). In his first busy year as Assistant Keeper, the Annual Report records that in addition to all his other curatorial duties, "*A monograph of the Earwigs of the world has been initiated and materials accumulated for the purpose.*" (Report 1947–48: 11).

Part I of his Systematic Monograph of the Dermaptera of the World based on material at BMNH was published in 1955 and the second (and last) of the intended six volumes was published in 1959. Fig. 7 shows an example of Hincks' original monograph illustrations and Fig. 8 shows a page from his

'Typomap of Africa'. His contribution to the London Royal Entomological Society's Handbooks for the identification of British insects on Dermaptera and Orthoptera was published in 1956. By the time of his death, he had published more than three hundred papers and notes in international, national and regional journals (Johnson 1996), including more than 70 on Dermaptera.

Hincks' expertise led to increased requests for identification of material from Public Health Departments, amateur naturalists and other inquirers and, particularly, to specialised identification work for various British and overseas museums and institutions. The accepted custom of retaining part of the material for the Museum led to a rapid increase in the size and scope of the collection (Reports 1953–58). Some enquiries arose from the accidental importation and discovery of insects in timber and foodstuffs, and were numerous enough that Hincks saw the need to create a reference collection of such insects. This



Figs 7–8. Two items from Hincks' archive retained at the Manchester Museum. 7. An illustration of *Pyragra paraguayensis* Borelli, 1904 (♂) by Hincks for his Dermaptera monograph (Hincks 1959: 195) (item 597). 8. A page from Hincks' 'Typomap of Africa' (item 15).

developed from its inception in 1951 (Report 1950–51) to contain 463 identified insects in 7 orders in 2010 (Logunov 2010a); however, virtually all the Dermaptera material in this collection was collected between 1948 and 1955 and arranged by Hincks (See ‘Description of the Dermaptera collection’ above).

In addition, material was collected on the many field trips, surveys and courses directed by or attended by Hincks, Shaw, and later, Brindle, both in Britain and abroad, although there is a comment in the Annual Report for 1956–57 (p. 10) that “... *collecting and other field activities have been purposely curtailed this year because of the vast number of unidentified specimens which have accumulated in the department*”. Fig. 9 shows Hincks and Brindle during one of the Insect Surveys at Freshfield, Lancashire. Six specimens in the British earwig collection resulted from these surveys. Shaw left the department in May 1956 and Alan Brindle, “*an entomologist of considerable experience*”, joined Hincks as his assistant in 1958 (Report 1958–9: 8).

By the time of his death in 1961, Hincks had become a world authority on Dermaptera, Passalidae and Chrysomelidae and improved the Manchester collection such that it was “... *now the most important collection in the country after the British Museum and the Hope Department, Oxford, its types and figured specimens running into many thousands*” (Report 1960–61: 1). Hincks’ personal collection of World Dermaptera was purchased by the Museum in 1961 (accession no. F2440) along with his Passalidae and Chrysomelidae collections. The Dermaptera collection was second only to the British Museum collections and at that time included some 200 ‘*types and paratypes*’, i.e., 27% of the type material held now. It was housed in twenty cabinet drawers “*already arranged*”, the collections being “... *beautifully documented and of great importance for study*” (Report 1961–2: 14, 8, 2).



Fig. 9. Freshfield Insect Survey, June 1959. Left to right: W.D. Hincks, M.W.R. de Vere Graham, A. Brindle and C.H. Wallace Pugh (MMUE archive).

Alan Brindle (1915-2001)

Following Hincks' death, Alan Brindle (Fig. 10) was promoted to Keeper of Entomology, a post he held until his retirement in 1982. He had started work in a Lancashire woollen mill and at the same time attended night school to learn German, French and Russian. During the war he worked in intelligence in Pakistan and Bangladesh and after the war taught secondary biology. He developed an interest in Lepidoptera in his teens, collecting around Pendle Hill, and also took the opportunity to collect snake skins, butterflies and other insects during his war postings (Johnson 2003). He was elected Fellow of the Royal Entomological Society in 1941 and awarded an MSc by the University of Manchester for his work on caddisfly biology in 1968 (Report 2000–01).



Fig. 10. Alan Brindle (1915–2001), Keeper of Entomology at the Manchester Museum (1961–1982), photographed in the mid 1980s.

According to Johnson (1996), Brindle subscribed to Hincks' philosophy that entomologists should become taxonomic specialists in an order or family, within the international scientific community. After Hincks' death, Brindle took up and continued Hincks' work on Dermaptera, publishing his first paper in 1964 with G. Friese on Albanian earwigs. Prior to this he had already published over 60 papers, the majority of them on Trichoptera and the larvae of British Tipulinae and British Diptera. Dermaptera took over and between then and 1994 he published descriptions of a staggering "351 new taxa (321 species, 11 subspecies, 15 genera and 4 subfamilies) in 126 papers" (Johnson C. 2003: 57). His great work, 'The Dermaptera of Africa', was published in two parts in 1973 and 1978 by the Musée Royal de l'Afrique Centrale, Tervuren, Belgium.

Large numbers of Dermaptera continued to be received for identification from museums and scientific institutions around the world. Each year hundreds of specimens were identified by Brindle and returned and, according to custom, it was allowed that some specimens be retained at MMUE. Most of these were not recorded in the accession register but this sort of work was a regular feature in the Annual Reports, a typical one from 1965–66 recounting that of the earwigs received from various institutions, most were new to the collection and "...a good proportion are species new to science" (Report 1965–66: 14). In 1973 the workload was so heavy that Brindle had to return some Cassidinae unidentified to Dr Richard zur Strassen of the Research Institute Senckenberg, Frankfurt as "I am working on Dermaptera and do not see any chance of working on the Cassidinae for some years to come" (MMUE, Brindle archive, item 174). As another example, Brindle was asked to examine approximately 5000 specimens from Panama, from a collection organised by the Smithsonian Tropical Research Institute. From this material he described 14 new species (Brindle 1981, 1982a, 1988). His notes state that 802 specimens of 31 species from this material were retained at MMUE (MMUE, Brindle archive, item 138). The only earwig in the collection mounted with wings open was part of this consignment (Fig. 11).

Like Hincks, Brindle also sought out specimens from specific areas. Correspondence between Brindle, P.S. Nathan and his daughter-in-law T.R.S. Nathan shows that material from South India was requested and received from before November 1964 to at least September 1972 (MMUE, Brindle Archive, items

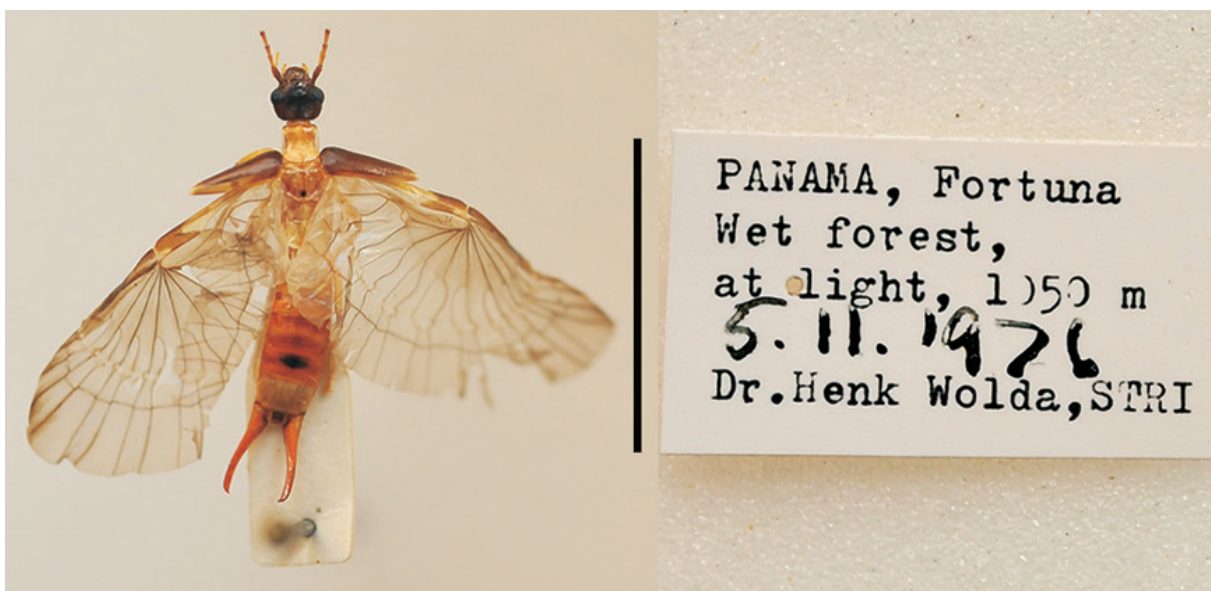


Fig. 11. The only specimen at MMUE mounted with wings unfurled, *Purex remotus* (Burr, 1899) from Panama, the Manchester Museum. Scale bar = 1 cm.

215–234). There are several hundreds of Nathan contributions mounted, determined and incorporated into the collection, with 1600 remaining as papered material. Brindle's handwritten notes on some packets identify genus and in some cases species, the majority of these packets containing mixed species or genera. Both Hincks and Brindle named species for Nathan – *Diplatys nathani* Hincks, 1960 and *Gonolabidura nathani* Brindle, 1965. Hincks acknowledged that Nathan's "... *expert field work has provided many Museums with important insect materials from India*" (Hincks 1960a: 15) and Brindle that his "... *untiring efforts in collecting specimens have considerably increased our knowledge of the Dermaptera of India*" (Brindle 1965: 594).

During 1979–80, Dr Seiroku Sakai (1924–2004) visited the Manchester collection on his travels around the world gathering original descriptions of new Dermaptera species and photographing existing type specimens for his encyclopaedic 'Dermapterorum Catalogus: A Basic Survey for Integrated Taxonomy of the Dermaptera of the World' (Masaki 2006). He met with Brindle and with Prof. E.J. Popham of Manchester University to discuss classification (Report 1979–80: 15). They kept in contact and the Brindle Archive holds Brindle's working copy of Sakai's 'A new proposed classification of the Dermaptera with special reference to the checklist of the Dermaptera of the world' (Sakai 1982), with further corrections and editions, as well as reprints of Sakai's papers which he sent to Brindle.

Johnson (1996) estimated that during Brindle's period as Keeper, the Dermaptera collection doubled in size to around 10,000 specimens. The great numbers of specimens coming in from such identification requests led to the re-curation of the Dermaptera in three cabinets with sixty drawers (Fig. 1). The first part of the newly reorganised collection was arranged according to Hincks' 'Systematic Monograph of the World Dermaptera' and the rest of the collection was arranged according to "... *revisions of certain groups of the earwigs by the Keeper*" (Report 1967–68: 10). The storage of the Dermaptera spirit collection today is virtually unchanged since Brindle re-curated it during 1972–3 (Report 1972–3).

Brindle retired in 1982, a much respected scientist who had overseen significant development of the Museum's entomological collections and gained a "... *high reputation in the fields of classification of world Dermaptera (Earwigs) and taxonomy of Diptera (fly) larvae*". He was remembered as a "... *kindly, modest and thoughtful man, who wore his knowledge lightly and was always ready to help and encourage others*" (Report 1981–82: 17).

Since his time, only around 30 specimens have been added to the collection, the most recent being three specimens collected by Dmitri Logunov in Peru in 2014.

The Entomological Archive

In addition to a library of specialist books and reprints, the Manchester Museum's Entomology department holds thousands of documents relating to the Keepers and associated collectors, organised into 34 collections. The following extracts summarise material relating to Brindle and Hincks (after Logunov 2010a: 40):

Brindle, Alan 599 [items]. In five boxes. Correspondence with H.G. Briggs, I.M. Robson, H. Robertson, T. Cekalovic, T.R.S. Nathan, G. Kerrich, and others (1933–84, 165 items); 'Insect records' (10 volumes, 1930–82); species records of aquatic insects in the museum collection, plus locality list; reprint collection (346 items); index records; typed and handwritten lists of insect species; Lepidoptera records; various keys; address books; visitor book; Diptera larvae catalogue; etc.

Hincks, Walter D. 611 [items]. In five boxes. Original figures for Dermaptera monograph (383 cards); published papers by Hincks (94 items); reprints Hymenoptera Parasitica J. Lancs. & Chesh. Ent. Soc., 133 & 134 (2009 & 2010) 41 and others; address and field notebooks (26 items); notes on Dermaptera

and manuscripts on Passalidae; diaries (1948–49, 1956); correspondence with F. Spaeth, J.T. Salmon, M. Burr, W. Junk, and others (453 items).

Hincks' and Brindle's correspondence relating particularly to the Dermaptera collection is listed in Appendices I and II. Due to the particular interest of these two curators, the entomology department has a comprehensive library of their articles and reprints relating to Dermaptera as well as those of other authors.

Notable earwig specimens in the MMUE collection

Giant Earwig, *Labidura herculeana* (Fabricius, 1798)

The collection contains two specimens (one male, one female) of the iconic Giant Earwig *Labidura herculeana* (Fabricius, 1798) (accession nos. F3233.1871 (male) and F3233.1872 (female)) (Fig. 12).

The species is notable for being the largest known earwig, with one specimen in the Tervuren collections measuring 78 mm long and some forceps remains suggesting even larger specimens existed (Brindle 1970c). The MMUE specimens were amongst 40 collected during expeditions in 1965–66 and 1967 by the Musée Royal de l'Afrique Centrale (RMAC), Tervuren, Belgium. The species is also sadly notable for being recently assessed extinct. Endemic to the island of St. Helena in the South Atlantic Ocean, several unsuccessful searches have been made for them since and the species was assessed extinct in August 2014, the last living specimen having been observed in May 1967 (Pryce & White 2014).

Downgraded to a subspecies of *L. riparia* by Kirby in 1904, in 1970 Brindle reinstated *L. herculeana* to a full species (Brindle 1970c) after examining the 40 RMAC specimens. At the time he suggested that "...the fact that this species is only known from this small area of St. Helena, and is not known from anywhere else in the world, must give rise to some concern about its future status" (Brindle 1970c: 215). Pryce & White (2014) record that its decline may be due to the removal, for construction, of surface stones under which the earwigs would burrow, as well as increased predation by rodents and possibly invertebrates, including spiders and the centipede *Scolopendra morsitans* Linnaeus, 1758.

Brindle (1970c) also synonymised *L. loveridgei* Zeuner, 1962 with *L. herculeana* (Fabricius, 1798). *L. loveridgei* had been described from forceps remains and named for the zoologist Arthur Loveridge (1891–1980) who had moved to live on the island in 1957. Hincks had seen the forceps and also assigned



Fig. 12. Male and female specimens of *Labidura herculeana* (Fabricius, 1798), with corresponding data labels; MMUE, accession numbers F3233.1871 and F3233.1872. Scale bar = 1 cm.

them to *L. loveridgei* (Brindle 1970c), but was keen to see more material, according to his letter to Loveridge in June 1960 (MMUE, Hincks archive, item 360, Fig. 13). *L. herculeana* forceps were found with bird bones by Philip Ashmole and Douglas Dorward at Prosperous Bay in 1959. Other remains found by Philip and Myrtle Ashmole in 1995 suggest that some Giant Earwigs lived in seabird colonies in rocky places before the seabirds were eradicated by predators (Ashmole & Ashmole 2004).

In 1960, Loveridge wrote to Hincks outlining his intention to search for further *L. herculeana* remains at the same spot where the forceps had been found, and wrote to him again six months later, recounting the unsuccessful results of his expedition (Fig. 14). Loveridge had worked at Manchester Museum in the time of J.R. Hardy. He said that if he had known Hincks was at MMUE, he would have asked for the forceps to be deposited there "...where I know the collections are well-cared for", rather than at the British Museum.

Parasitic earwigs

The collection also contains examples of parasitic earwig species. Two of the five species of the family Arixeniidae are present. There are 15 specimens of *Arixenia esau* Jordan, 1909 (11 in spirit, 4 dried and mounted) (Fig. 15) and 8 specimens of *Xeniaria jacobsoni* (Burr, 1912) (3 in spirit, 5 dried and mounted) (Fig. 16). Karl Jordan (1861–1959), who described the family Arixeniidae and also *A. esau* in 1909, sent 6 specimens of *Arixenia* (now *Xeniaria*) *jacobsoni* to Hincks, stating, "...the sender and collector are now in Paradise, where all good entomologists go" (MMUE, Brindle archive, item 55) (Fig. 17). Jordan's letter was sent from Walter Rothschild's natural history museum at the small market town of Tring in Hertfordshire, England. This museum, now part of the Natural History Museum, London, is still one of the largest private natural history collections ever assembled (Natural History Museum 2015c).

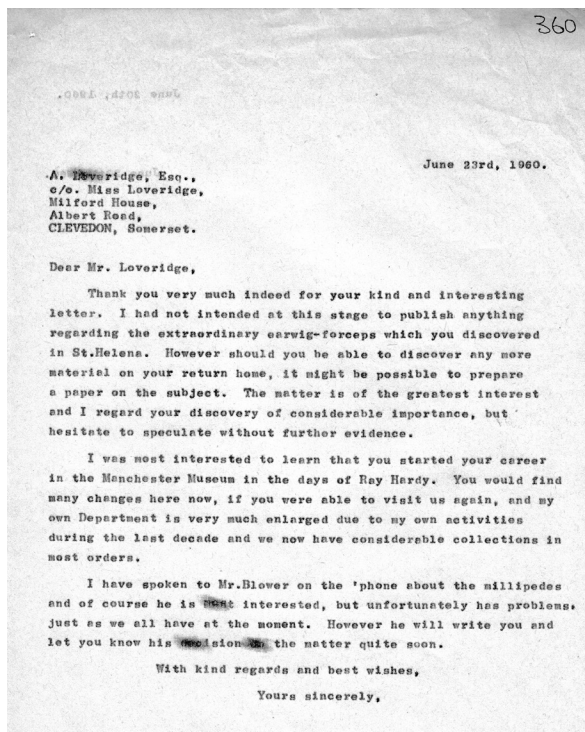


Fig. 13. Letter from Hincks to Arthur Loveridge, 23 Jun. 1960 (MMUE, Hincks archive, item 360).

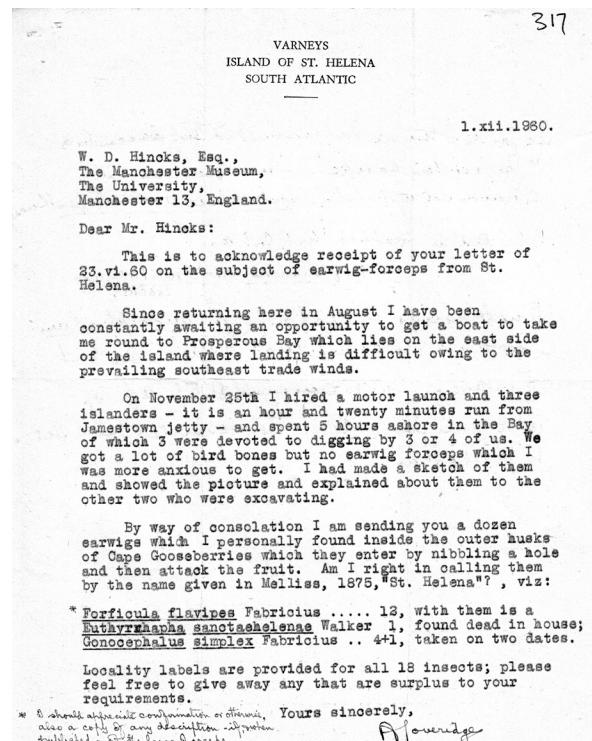
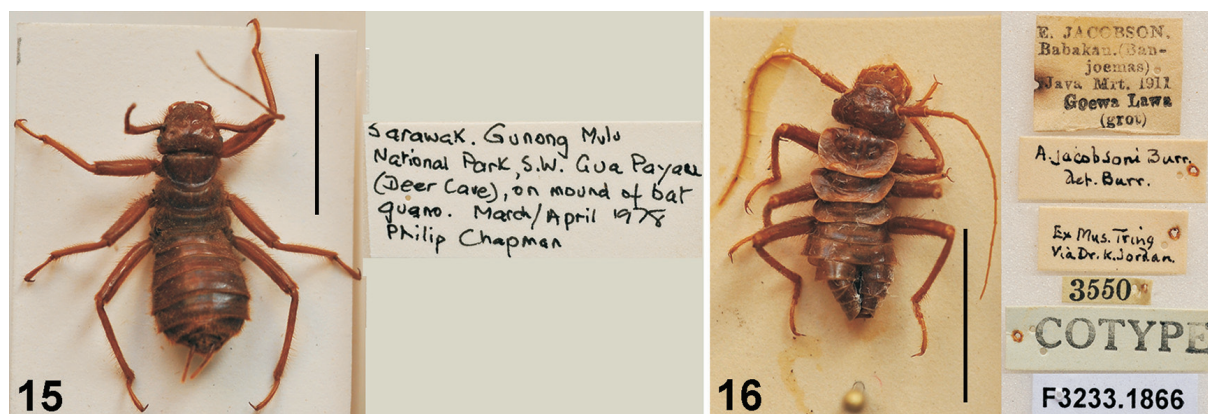


Fig. 14. Letter from Arthur Loveridge to Hincks relating his unsuccessful search for the Giant Earwig (MMUE, Hincks archive, item 317).



Figs 15–16. Parasitic earwigs from the collection of the Manchester Museum. **15.** *Arixenia esau* Jordan, 1909. **16.** *A. jacobsoni* Burr, 1912 (now *Xeniaria jacobsoni*), syntype. Scale bars = 1 cm.

Jordan had been curator of insects there since 1893. At the date of the letter in 1947, Jordan was 86 years old, having continued as an ‘unofficial worker’ at Tring since 1939 (Johnson K.R. 2003: 314). All 5 specimens of *X. jacobsoni* now at MMUE are labelled ‘Ex. Mus. Tring via Dr. K. Jordan’. Three are labelled ‘Cotype’ with Burr’s determination labels and dated 1911. Another, collected in 1919 by a Dr Hacker, was found ‘on bat’ according to the specimen label.

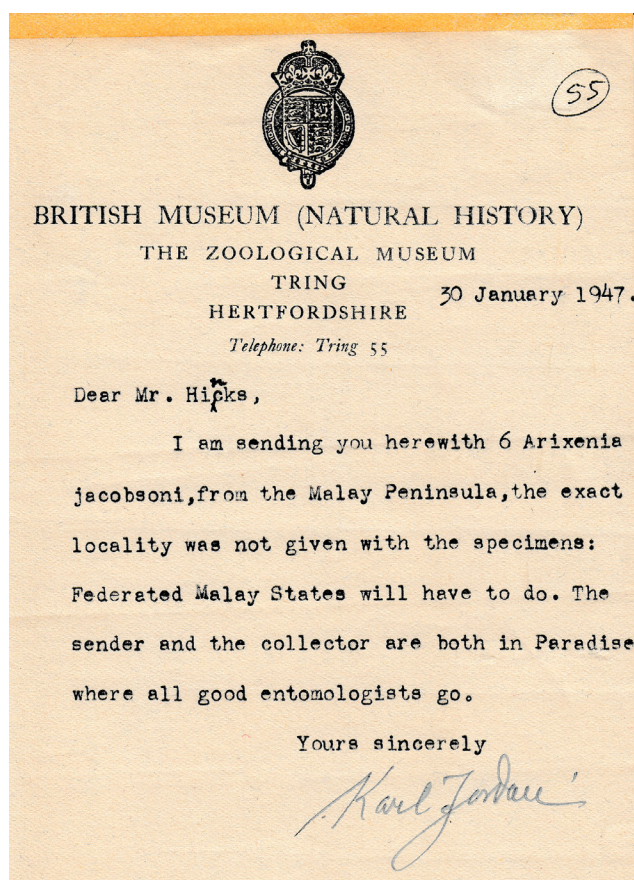


Fig. 17. Letter from Karl Jordan to Hincks enclosed with 6 ‘*Arixenia jacobsoni*’ specimens (MMUE, Brindle archive, item 55).

The *Arixenia esau* specimens come from Gua Payau (Deer Cave), Sarawak, the specimen label stating that they were found on a mound of bat guano. The wingless Arixeniidae occur in Indonesia, the Philippines and the Malay peninsula, and are associated with bats of the genus *Cheiromeles*, feeding on the bats' skin and gland secretions (Kocarek *et al.* 2013). They occur in large numbers on guano in caves (Brindle & Oromi 1994). *A. esau* is not often found actually on flying bats, although it has been suggested this is how the earwigs transfer to new roosts (Marshall 1977).

The collection also contains 5 of the 11 species of the Hemimeridae (36 specimens, 15 in spirit), which are ectoparasites of Giant Rats. *Hemimerus talpoides* Walker, 1871 (Fig. 18) were the earliest recorded foreign Dermaptera in the Accession Register, in 1919. The family shows adaptations to a parasitic life with specialized grooves on the legs for close attachment to the host, loss of wings and eyes, and straight, narrow cerci (Kocarek *et al.* 2013). In a study by Mogbo & Akunne (2014) in Awka, Nigeria, *Hemimerus talpoides* was found to be the most abundant parasite of *Cricetomys gambianus* rats, with up to 9 on those examined. These rats are economically important in the area as a source of protein and are sold for hide. Their keen sense of smell has been used to detect land mines in Tanzania and to diagnose tuberculosis (Mogbo & Akunne 2014), so just how injurious the parasites are to their hosts may well be a topic for further research.



Fig. 18. The parasitic earwig *Hemimerus talpoides* Walker, 1871, the Manchester Museum. Scale bar = 1 cm.

Table 4. Number of Dermaptera species and subspecies represented by type specimens at the Manchester Museum, by family (nomenclature follows Steinmann 1989c, complemented by latest updates from Engel & Haas 2007).

Family	Number of species and subspecies				Total	% World Fauna	No. of specimens
	Holotype only	Holotype + paratype(s)	Paratype(s) only	Syntype(s) only			
Anisolabididae	1	7	60	2	70	17.8	157
Arixeniidae	0	0	0	1	1	20.0	3
Chelisochidae	0	0	4	1	5	5.3	11
Diplatyidae	1	0	17	0	18	12.5	25
Forficulidae	1	5	43	1	50	10.6	129
Karschiellidae	0	0	2	0	2	16.7	6
Labiduridae	1	0	5	0	6	7.9	10
Pygidicranidae	2	3	25	1	31	16.8	81
Spongiphoridae	6	13	79	2	100	19.6	312
Total	12	28	235	8	283	15.0	734

Type catalogue of the Dermaptera collection at MMUE

At the Manchester Museum, type material is kept within the main collection. In total there are 733 holotypes, allotypes, syntypes and paratypes, representing 283 species (Table 4). This includes 40 holotypes, of which 32 species were described by Brindle and 8 by Hincks.

The following catalogue provides a complete list of the holotypes, syntypes, allotypes and paratypes in the collection, arranged alphabetically by species name as originally described, in the following format:

Species name, Author (Original genus)

Literature citation for the original description.

Type material

Number, gender and type of specimens, accession number/s, mount.

Type locality

Transcription of holotype locality label.

Locality label/s

Transcription of locality label/s of other type specimens.

Taxonomy

Current nomenclature following Steinmann (1989c), unless otherwise stated, complemented with latest changes by Engel & Haas (2007) and reference to the checklist of Hopkins *et al.* (2014).

Remarks

Including nomenclatural changes and any supplementary information from original descriptions and Brindle's Type Index Card system.

Also included in a separate section below is material labelled as type material, which is assumed to represent unpublished 'manuscript names' only.

The following notation is used: (/) – new line; (//) – separate specimen label; [] – editorial text.

Abbreviations:

BMNH = British Museum (Natural History), UK
MMUE = The Manchester Museum, UK
STRI = Smithsonian Tropical Research Institute

***acutangula* Hincks, 1955 (*Dacnodes*)**

Dacnodes acutangula Hincks, 1955c: 807, figs 1–2.

Type material

1 ♀, paratype, F3233.1318, dried, mounted on pin.

Locality label

Musée du Congo / Elizabethville / XII – 1932 / Mlle Kerkvoorde.

Taxonomy

Pygidicranidae, Pygidicraninae, *Dacnodes acutangula* Hincks, 1955.

***adjacens* Hincks, 1955 (*Diplatys*)**

Diplatys adjacens Hincks, 1955a: 110, fig. 143.

Type material

1 ♂, paratype, F3233.1291, dried, mounted on card.

Locality label

W. Almora Divn / Kumaon U.P. / July 1917, HGC.

Taxonomy

Diplatyidae, Diplatyinae, *Diplatys (Syndiplatys) adjacens* Hincks, 1955.

Remarks

1. Transferred by Steinmann (1986a: 175).
2. The original description makes no reference to any paratype at MMUE.
3. The specimen carries Hincks' determination label, stating 'Paratype'.
4. The collector H.G. Champion is named in the description.
5. The locality Kumaun in the description, and Kumaon on the label, are variant spellings for a mountainous region in Uttar Pradesh, India.
6. Index card entry: UP = United Provinces, now Uttar Pradesh, India.

***affinis* Hincks, 1947 (*Diplatys*)**

Diplatys affinis Hincks, 1947b: 12, fig. 6.

Type material

1 ♀, paratype, F3233.1292, dried, mounted on card.

Locality label

Burma ca 200 m. / Washaung, 20 km / East of Myitkyina / 14.VII.34, Malaise.

Taxonomy

Diplatyidae, Diplatyinae, *Diplatys* (*Hypodiplatys*) *bormansi* Burr, 1910.

Remarks

Diplatys affinis synonymised with *Diplatys bormansi* Burr, 1910 by Hincks (1955a: 124). Transferred by Steinmann (1986a: 175).

***africana* Brindle, 1968 (*Labia*)**
(Fig. 50)

Labia africana Brindle, 1968e: 24, figs 13–15.

Type material

1 ♂, holotype, F3233.1590 (Fig. 50), dried, mounted on card.

Type locality

Nigeria: / Banchi Prov. / Gadan 25.6.57 / P. Blasdale.

Taxonomy

Spongiphoridae, Geracinae, *Pseudovostox africanus* (Brindle, 1968).

Remarks

Transferred by Brindle (1970g: 60). Hopkins *et al.* (2014) refer to this species as ‘*africana*’. Steinmann (1989c: 424) states Brindle’s use of *P. africana* in 1970g is a misprint for *P. africanus*. (See also below under *P. africanus meridionalis* and *P. africanus sudanensis*.)

***africanus* Brindle, 1973 (*Cordax*)**

Cordax africanus Brindle, 1973f: 306, figs 417–420.

Type material

1 ♂, paratype, F3233.1681, dried, mounted on card.

Locality label

S. Africa. / R. E. Turner. / Brit. Mus. / 1924–54. // Port St. John, / Pondoland. / Dec. 1923.

Taxonomy

Forficulidae, Opisthocosmiinae, *Syntonus africanus* (Brindle, 1973).

Remark

Transferred by Steinmann (1993: 250).

***africanus* Brindle, 1978 (*Osteulcus*)**

Osteulcus africanus, Brindle, 1978: 194, fig. 349.

Type material

1 ♀, paratype, F3233.1745, dried, mounted on card.

Locality label

Cameroun / Yaoundé / Vadon! / IX.30.

Taxonomy

Forficulidae, Ancistrogastrinae, *Osteulcus africanus* Brindle, 1978.

***africanus meridionalis* Brindle, 1970 (*Pseudovostox*)**

Pseudovostox africanus meridionalis Brindle, 1970e: 265.

Type material

1 ♀, paratype, F3233.1591, dried, mounted on card.

Locality label

Coll. Mus. Congo / Tanganika: Musosa, 980m. / (à la lumière) XI-1953 / H. Bomans.

Taxonomy

Spongiphoridae, Geracinae, *Pseudovostox africanus meridionalis* Brindle, 1970.

Remarks

1. Hopkins *et al.* (2014) refer to this species as ‘*africana*’. Brindle named the subspecies *P. africanus meridionalis* in the original description and subsequently (Brindle 1973f: 136). Steinmann (1989c: 424) has *P. africanus meridionalis*.
2. Additional information on the index card: Tanzania, Musosa.

***africanus sudanensis* Brindle, 1970 (*Pseudovostox*)**

Fig. 53

Pseudovostox africanus sudanensis Brindle, 1970e: 266.

Type material

1 ♂, holotype, F3233.1592 (Fig. 53), dried, mounted on card.

Type locality

Sudan: Yirol / 21.V.54 / E. T. M. Reid.

Taxonomy

Spongiphoridae, Geracinae, *Pseudovostox africanus sudanensis* Brindle, 1970.

Remarks

Hopkins *et al.* (2014) refer to this species as ‘*africana*’. Brindle named the subspecies *P. africanus sudanensis* in the original description and subsequently (1973f: 138). Steinmann (1989c: 424) has *P. africanus sudanensis*.

***albocincta* Brindle, 1966 (*Parablandex*)**

Parablandex albocincta Brindle, 1966g: 232, figs 21–24.

Type material

1 ♂, paratype, F3233.1339, dried, mounted on card.

Locality label

Madagascar / e Mus / Geneva.

Taxonomy

Pygidicranidae, Blandicinae, *Parablandex albocincta* Brindle, 1966.

Remark

The original description makes no reference to specimens at MMUE.

***apicalis* Hincks, 1951 (*Nesogaster*)**

Nesogaster apicalis Hincks, 1951b: 568, figs 10–11.

Type material

1 ♀, allotype, F3233.502; 2 ♂♂, paratypes, F3233.500–501; 1 ♀, paratype, F3233.503; dried, mounted on card.

Locality labels

F3233.500: New Hebrides: / Malekula, / Ounua. / Feb. 1929 / Miss L. E. Cheesman. / B. M. 1929-280.

F3233.501: New Hebrides: / Santo. / viii–ix. 1929 / L. E. Cheesman. / B. M. 1929-537.

F3233.502: New Hebrides: / N. E. Malekula / vii-1929 / L. E. Cheesman. / B. M. 1929-514.

F3233.503: New Hebrides: / Malekula, / Ounua. / Mar. & Apl. 1929. / Miss L. E. Cheesman. / B. M. 1929-343.

Taxonomy

Spongiphoridae, Nesogastrinae, *Nesogaster aculeatus* (de Bormans, 1900).

Remarks

1. *Nesogaster apicalis* synonymised with *N. aculeatus* (de Bormans, 1900) by Steinmann (1989b: 23).
2. Locality Ounua given as ‘Ounna’ in the original description (possible mistranscription).

***aptera* Brindle, 1978 (*Geracodes*)**

Geracodes aptera Brindle, 1978: 67, figs 81–83.

Type material

1 ♀, paratype, F3233.1444, dried, mounted on card.

Locality label

IFAN / Nimba (Guinée) / Lamotte et Roy / VII – XII 51.

Taxonomy

Anisolabididae, Isolabidinae, *Geracodes aptera* Brindle, 1978.

***araguensis* Brindle, 1974 (*Geracides*)**

Geracides araguensis Brindle, 1974b: 120, figs 11–12, 14, 21.

Type material

1 ♂, paratype, F3233.1531, dried, mounted on card.

Locality label

Venezuela – Aragua / Rancho Grande / 1100m. 14.VIII.73. // Col. J. L. Garcia.

Taxonomy

Spongiphoridae, Cosmogerae, *Cosmogera araguensis* (Brindle, 1974).

Remarks

Taxonomy follows Steinmann 1989c. Transferred by Brindle (1982a: 36) as *Cosmogera araguensis*. Steinmann (1989b: 100) has *C. araguense*. Hopkins *et al.* (2014) has *C. araguensis*.

***arcuatus* Brindle, 1968 (*Auchenomus*)**

Auchenomus arcuatus Brindle, 1968h: 543, figs 5–6, 9.

Type material

1 ♂, paratype, F3233.1499, dried, mounted on card, without head.

Locality label

Ripang / N. Luzon.

Taxonomy

Spongiphoridae, Sparattinae, Auchenomini, *Auchenomus arcuatus* Brindle, 1968.

Remark

Index card entry: Philippine Islands.

***argentinus* Hincks, 1959 (*Esphalmenus*)**

Fig. 36

Esphalmenus argentinus Hincks, 1959: 203, figs 202, 209.

Type material

1 ♂, holotype, F3233.1341 (Fig. 36); 1 ♀, allotype, F3233.1342; 4 ♂♂, paratypes, F3233.1343, F3233.1346–1348; 8 ♀♀, paratypes, F3233.1344–1345, F3233.1349 (2 specimens), F3233.1350 (2 specimens), F3233.1351 (2 specimens); 2 paratypes, gender not specified, F3233.1352; all dried, mounted on card.

Type locality

Argentine: / Laguna Cazmiril / Tucuman 4500m. / 10. XII.1947. / Coll. Sacriste.

Locality labels

F3233.1342–1347, F3233.1349–1352: Argentina / Tucuman: Laguna / Cazmiril 4,500m. / 10. XII.1947 (Sacriste).

F3233.1348: Chile - Tarapaca / Arica / Tahapaca. 4800 / 22.2.48. // Coll. / Kuschel.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus argentinus* Hincks, 1959.

ashmolei Brindle, 1981 (*Capralabis*)

Capralabis ashmolei Brindle, 1981: 77, figs 1–2, 4, 7.

Type material

3 ♂♂, paratypes, F3233.1433–1435; 2 ♀♀, paratypes, F3233.1436–1437; all dried, mounted on card. In spirit: 1 ♂, paratype, F3448.195; 2 ♀♀, paratypes, F3448.196; 1 ♀, paratype, F3448.197.

Locality labels

F3233.1433–1437: Ecuador / Los Tayos / Main cave / 12.7.1976 / N. P. Ashmole.

F3448.195: 25 Jul 76 / Los Tayos 815 78°12'W 3°06'S // Main cave. Bottom / of 2' [illegible]. Rotten wood / Threshold.

F3448.197: same data except number, 811.

F3448.196: 20 Jul 76 / 930 78°12'W 3°06'S // Bottom of 2' [illegible] shaft. / Under stones in / stream. Sta. 1.

Taxonomy

Anisolabididae, Anisolabidinae, *Capralabis ashmolei* Brindle, 1981.

Remarks

The original description refers to two male and four female paratypes at MMUE, rather than three males and two females; and in spirit, 1 ♀, same data except 25 Jul. 1976, and 2 ♀♀, in spirit, same data except 2 Jul. 1976. This last date may be a mistranscription of 20 for 2. There is no reference to a male paratype in spirit.

ater Brindle, 1988 (*Pericomus*)

Fig. 52

Pericomus ater Brindle, 1988: 48, figs 1–2.

Type material

1 ♂, holotype, F3233.1571 (Fig. 52); 9 ♂♂, paratypes, F3233.1572–1580; 9 ♀♀, paratypes, F3233.1581–1589; all dried, mounted on card. In spirit: 7 ♂♀, paratypes, F3448.37.

Type locality

Panama, Fortuna / Wet forest, / at light, 1050m / 28.6.1979 / Dr. Henk Wolda, STRI.

Locality labels

As for type, except for dates: F3233.1576, 28 Jul. 1977; F3233.1586, 1 Sep. 1977; F3233.1587, F3233.1589, 24 Sep. 1977; F3233.1580, 13 Oct. 1977; F3233.1582, 15 Nov. 1977; F3233.1584, 23 Jun. 1978; F3233.1583, 12 Jul. 1978; F3233.1573, 20 Jul. 1978; F3233.1574, 2 Aug. 1978; F3233.1578, 12

Aug. 1978; F3233.1579, 4 Sep. 1978; F3233.1585, 5 Sep. 1978; F3233.1572, 20 Sep. 1978; F3233.1575, 6 May 1979; F3233.1577, F3233.1588, 15 Jun. 1979; F3233.1581, 25 Jun. 1979; F3448.37, 1977–1978.

Taxonomy

Spongiphoridae, Pericominae, *Pericomus ater* Brindle, 1988.

Remarks

1. The original description refers to 10 male and 10 female paratypes.
2. Dates of F3233.1576 (28 Jul. 1977) and F3233.1581 (25 Jun. 1979) do not match the date range in the description, 1 Aug. 1977–15 Jun. 1979.

auchenomoides Hincks, 1954 (*Chaetospania*)

Chaetospania auchenomoides Hincks, 1954e: 15, figs 5–7.

Type material

1 ♂, paratype, F3233.573; 1 ♀, paratype, F3233.574; dried, mounted on card.

Locality labels

F3233.573–574: C. Sumba / Lokojengo / 22.9.49 / Bühler & Sulter.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania auchenomoides* Hincks, 1954.

Remark

Index card entry: Lesser Sunda Islands.

basidentatus Brindle, 1984 (*Esphalmenus*)

Esphalmenus basidentatus Brindle, 1984: 287, figs 5, 13, 25.

Type material

1 ♂, paratype, F3233.1353; 1 ♀, paratype, F3233.1354; dried, mounted on card.

Locality labels

F3233.1353–1354: Argentina, Chubut / SO. Esquel / La Hoya, 800–1350 m / 24.II.1979 Mision Cientifica Danesa.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus basidentatus* Brindle, 1984.

basilewskyi Brindle, 1966 (*Diplatys*)

Diplatys basilewskyi Brindle, 1966e: 30, figs 1, 4.

Type material

1 [♂?], paratype, F3233.1293, dried, mounted on card, without forceps.

Locality label

Coll. Mus. Congo / Tanganyika Terr.: Bunduki / Uluguru Mts., moy. Mgeta / 1300 m. 30-IV/2-V-1957.

Taxonomy

Diplatyidae, Diplatyinae, *Haplodiplatys basilewskyi* (Brindle, 1966).

Remarks

1. Transferred by Steinmann (1986a: 171).
2. Gender is given as ♂ on the index card and in the original description, but unspecified on the specimen labels.

***beroni* Brindle, 1982 (*Diplatys*)**

Diplatys beroni Brindle, 1982b: 165, figs 2–3.

Type material

1 ♂, paratype, F3233.1313, dried, mounted on card.

Locality label

Nigeria / Jos Plateau / State. 5.X.1976 / P. Beron leg.

Taxonomy

Diplatyidae, Diplatyinae, *Diplatys beroni* Brindle, 1982.

***bhutanensis* Brindle, 1975 (*Diplatys*)**

Diplatys bhutanensis Brindle, 1975c: 12, figs 7–8.

Type material

1 ♂, paratype, F3233.1294; 1 ♀, paratype, F3233.1295; dried, mounted on card.

Locality labels

F3233.1294–1295: Chimakothi / 1900/2300 22/5 / Nat.-Hist. Museum / Basel – Bhutan / Expedition 1972.

Taxonomy

Diplatyidae, Diplatyinae, *Haplodiplatys bhowmiki* (Srivastava & Saha, 1975).

Remarks

Diplatys bhutanensis synonymised with *Diplatys bhowmiki* (Srivastava & Saha, 1975) by Srivastava (1982: 62). Transferred by Steinmann (1986a: 171).

***bhutanensis* Brindle, 1975 (*Forficula*)**

Forficula bhutanensis Brindle, 1975c: 43, fig. 45.

Type material

4 ♂♂, paratypes, F3233.1717–1720; 2 ♀♀, paratypes, F3233.1715–1716; dried, mounted on card.

Locality labels

F3233.1715, F3233.1719: Gogona, 3100 m / 10–12.6 // Nat.-Hist Museum / Basel-Bhutan/Expedition 1972.

F3233.1716–1718, F3233.1720: Kotoka-Gogona / 2600–3400 m 10/6 // Nat.-Hist Museum / Basel-Bhutan / Expedition 1972.

Taxonomy

Forficulidae, Forficulinae, *Forficula bhutanensis* Brindle, 1975.

Remark

The original description states that three male paratypes from the first locality are at MMUE, not one male and one female; and two male and two female paratypes from the second locality, not one female and three males.

***bicarinata* Hincks, 1947 (*Guanchia*)**

Guanchia bicarinata Hincks, 1947b: 28, fig. 14.

Type material

1 ♂, paratype, F3233.1734; 1 ♀, paratype, F3233.1735; dried, mounted on card.

Locality labels

F3233.1734: N. E. Burma / Kambaiti 7000 m / 12/5 1934 R. Malaise.

F3233.1735: As above except date 13 May 1934.

Taxonomy

Forficulidae, Forficulinae, *Guanchia bicarinata* Hincks, 1947.

***bicolor* Brindle, 1973 (*Archidux*)**

Fig. 32

Archidux bicolor Brindle, 1973f: 296, fig. 402.

Type material

1 ♂, holotype, F3233.1697 (Fig. 32); 1 ♀, allotype, F3233.1698; 1 ♀, paratype, F3233.1699; dried, mounted on card.

Type locality

Njombe / 6000–6500 ft. / Tanganyika / 20.2.1951 W. P.

Locality labels

As type except dates: F3233.1698, 22 Dec. 1951; F3233.1699, 18 Nov. 1951.

Taxonomy

Forficulidae, Skendylinae, *Cosmiella bicolor* (Brindle, 1973).

Remarks

1. Transferred by Steinmann (1989c: 669).

2. The collection date for the allotype, F3233.1698, is given in the original description as 31.XII.1957. From inspection of the label it is probable that 1957 is a mistranscription of 1951.
3. The original description also refers to two paratypes, one male and one female, with the same data, dates 29 Oct. 1951 and 30 Nov. 1951, respectively.

***bicolor* Brindle, 1975 (*Brachylabis*)**

Brachylabis bicolor Brindle, 1975b: 684, fig. 3.

Type material

1 ♀, paratype, F3233.1466, dried, mounted on card.

Locality label

Tanzanie: Mts Uluguru / Chenzema, alt. 1700m. / 2–22/VII/71.

Taxonomy

Anisolabididae, Isolabidinae, *Isolabis bicolor* (Brindle, 1975).

Remarks

1. Transferred by Brindle (1978: 46).
2. The original description gives the date as Jun. 1971, not Jul. 1971 as on the specimen label.

***bidentata* Brindle, 1971 (*Strongylopsalis*)**

Strongylopsalis bidentata Brindle, 1971b: 565, figs 90–92.

Type material

1 ♂, paratype, F3233.1616, forceps broken at tips; 1 ♀, paratype, F3233.1617; dried, mounted on card.

Locality labels

F3233.1616–1617: Colombia: D. E. Bogotá / El. 8,600 feet / 13-X-1964 / Susan Bates.

Taxonomy

Spongiphoridae, Strongylopsalinae, *Strongylopsalis bidentata* Brindle, 1971.

Remark

The original description gives the date as 23 Oct. 1964. Both labels are clearly amended to ‘13’ over typed figures.

***bifurcatus* Brindle, 1970 (*Cordax*)**

Cordax bifurcatus Brindle, 1970d: 23, figs 13–16.

Type material

1 ♀, paratype, F3233.1682, dried, mounted on card.

Locality label

Belinga / Gabon. / 23.3.1963 / H. Coiffait.

Taxonomy

Forficulidae, Opisthocosmiinae, *Cordax bifurcatus* Brindle, 1970.

***bilobatus* Brindle, 1973 (*Archidux*)**

Archidux bilobatus Brindle, 1973f: 299, figs 407–410.

Type material

1 ♂, paratype, F3233.1700; 1 ♀, paratype, F3233.1701; dried, mounted on pin.

Locality labels

F3233.1700–1701: 5 to 7 miles into / Kenia Forest. / Near Luchi R. / 9–10.2.1911.

Taxonomy

Forficulidae, Skendylinae, *Cosmiella bilobata* (Brindle, 1973).

Remarks

1. Transferred by Steinmann (1989c: 670).
2. Index card entry: Kenya.

***binodosa* Brindle, 1967 (*Gonolabina*)**

Fig. 24

Gonolabina binodosa Brindle, 1967c: 9, figs 3, 5–6, 9, 10.

Type material

1 ♂, holotype, F3233.1451 (Fig. 24); 1 ♀, allotype, F3233.1452; 1 ♀, paratype, F3233.1453; dried, mounted on card.

Type locality

Zárate, Peru / Rio Rimac / 9.7.1953 / H. W. Koepcke.

Locality labels

As type locality.

Taxonomy

Anisolabididae, Gonolabininae, *Gonolabina binodosa* Brindle, 1967.

***bintumanensis* Brindle, 1971 (*Anisolabis*)**

Anisolabis bintumanensis Brindle, 1971c: 272, figs 10–13.

Type material

1 ♂, paratype, F3233.1368; 1 ♀, paratype, F3233.1369; dried, mounted on card.

Locality labels

F3233.1368: Savane 520 m / piste / [Keionaduga?] / 29.V.1963 Mission ENS-IFAN / aux Monts Loma / Sierra Leone.

F3233.1369: Bintumane / 1870 m / 20.V.1963. // prairie à cyperacées / 20.V.1963. // Mission ENS-IFAN / aux Monts Loma / Sierra Leone.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis bintumanensis* Brindle, 1971.

Remark

The data label for F3233.1368 does not match any in the original description.



Figs 19–27. Holotypes (♂) of Anisolabididae and Diplatyidae in the collection of the Manchester Museum. 19. *Gelotolabis hincksi* Brindle, 1964 (now *Gonolabis hincksi*). 20. *G. umbrosa* Brindle, 1964 (now *Gonolabis umbrosa*). 21. *Gelotolabis tanganyikae* Brindle, 1964 (now *Gonolabis tanganyikae*). 22. *Brachylabis meridionalis* Brindle, 1978 (now *Antisolabis meridionalis*). 23. *Gonolabina trinodosa* Brindle, 1967. 24. *G. binodosa* Brindle, 1967. 25. *Idolopsalis koepckeii* Brindle, 1966. 26. *Anisolabis rougemonti* Brindle, 1978. 27. *Diplatys hainanensis* Hincks, 1940 (now *Paradiplatys salvazae*). Scale bars = 1 cm.

***bituberculata* Brindle, 1966 (*Anechura*)**

Anechura bituberculata Brindle, 1966e: 43, figs 20–22.

Type material

2 ♂♂, paratypes, F3233.1721–1722; dried, mounted on card.

Locality labels

F3233.1721: Récolté dans / prairie sèche / avec buissons. // I.R.S.A.C.-Mus. Congo / Kivu: Terr. Mwenga, sud Lac / Lungwe, 2750 m. III-1953 / N. Leleup – G Marlier.

F3233.1722: I.R.S.A.C.-Mus. Congo / Kivu : Terr. Uvira, Ht Luvubu, 2750 m. (humus) / N. Leleup V-1954.

Taxonomy

Forficulidae, Forficulinae, *Guanchia bituberculata* (Brindle, 1966).

Remarks

1. Transferred by Steinmann (1993: 560).
2. In the original description, the locality of the specimen matching F3233.1721 is given as Lac Longwe, not Lac Lungwe and date as 1958, not 1953. For F3233.1722, locality given as Ht Lambo in original description, not Ht Luvubu as on specimen label.

***boliviana* Brindle, 1971 (*Strongylopsalis*)**

Strongylopsalis boliviana Brindle, 1971f: 11, fig. 11.

Type material

1 ♂, paratype, F3233.1618, dried, mounted on card.

Locality label

Quiaca // N. Holmgren.

Taxonomy

Spongiphoridae, Strongylopsalinae, *Strongylopsalis excavata* Brindle, 1973.

Remarks

1. *S. excavata* is a *nomen novum* provided by Brindle following the transfer of *Carcinophora boliviana* Bormans, 1903 to *Strongylopsalis* (Brindle 1973e: 14).
2. Index card entry: Bolivia.

***bolivianus* Brindle, 1971 (*Vostox*)**

Fig. 40

Vostox bolivianus Brindle, 1971b: 541, fig. 46.

Type material

1 ♂, holotype, F3233.1547 (Fig. 40), dried, mounted on card.

Type locality

Bolivia 1100 m / Cochabamba / Alta Palmar / 3-1961 / leg. F. Walz.

Taxonomy

Spongiphoridae, Spongiphorinae, *Vostox bolivianus* Brindle, 1971.

***browni* Hincks, 1954 (*Labia*)**

Labia browni Hincks, 1954c: 159, figs 1–2.

Type material

1 ♂, paratype, F3233.1540, dried, mounted on card.

Locality label

Seychelles / Praslin: / Grande Anse / 26.V.52 / E.S. Brown.

Taxonomy

Spongiphoridae, Labiinae, *Spirolabia browni* (Hincks, 1954).

Remark

Transferred by Steinmann (1987: 180).

***brunneus* Brindle, 1966 (*Emboros*)**

Emboros brunneus Brindle, 1966g: 255, figs 63, 67.

Type material

1 ♂, paratype, F3233.1683; 1 ♀, paratype, F3233.1684; dried, mounted on card.

Locality labels

F3233.1683–1684: Périnet // Institut / Scientifique / Madagascar.

Taxonomy

Forficulidae, Skendylinae, *Afrocosmia brunnea* (Brindle, 1966).

Remark

Transferred by Steinmann (1975: 217).

***burri* Hincks, 1955 (*Cranopygia*)**

Cranopygia burri Hincks, 1955c: 812, fig. 4.

Type material

1 ♂, paratype, F3233.1316, dried, mounted on card.

Locality label

S. India / Madura Dis. / Shembaganur. / Astruc.

Taxonomy

Pygidicranidae, Pygidicraninae, *Cranopygia burri* Hincks, 1955.

***burri* Hincks, 1959 (*Echinosoma*)**

Echinosoma burri, Hincks, 1959: 158, figs 151–153.

Type material

1 ♂, paratype, F3233.1320; 2 ♀♀, paratypes, F3233.1321–1322; dried, mounted on card.

Locality labels

F3233.1320–1321: Sumatra / Montagnes près de / Pajakombo, mai 1905 // Coll. Gadeau de Kerville.

F3233.1322: H. Lucht, Java / K. O Blawan / 2.3.39 / 900/1500 Mr. / Idjen Plateau.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma burri* Hincks, 1959.

Remark

The original description refers to only one specimen at MMUE, corresponding to F3233.1322.

***burri* Borelli, 1909 (*Pseudisolabis*)**

Pseudisolabis burri, Borelli, 1909: 1.

Type material

1 ♂, syntype, F3233.1483, dried, mounted on card.

Locality label

Kaschmir.

Taxonomy

Spongiphoridae, Isolaboidinae, *Isolaboides burri* (Borelli, 1909).

Remarks

1. Transferred by Hincks (1958b: 132).

2. Additional information in the original description: “... *raccolti lungo la strada che conduce da Sirinagur a Gilghit, N. E. del Kashmir; altitudine 2500 metri circa, maggio 1908.*”

***camposi* Borelli, 1907 (*Gonolabis*)**

Gonolabis camposi Borelli, 1907a: 1, fig.

Type material

1 ♂, syntype, F3233.1355, dried, mounted on pin.

Locality label

Chiquiboquio / Ecuador / Ex Coll. Borelli.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus camposi* (Borelli, 1907).

Remarks

Transferred by Burr (1909: 252).

***canaca* Brindle, 1976 (*Anisolabis*)**

Anisolabis canaca Brindle, 1976b: 70, fig. 3.

Type material

1 ♂, paratype, F3233.214; 1 ♀, paratype, F3233.215; dried, mounted on card.

Locality labels

F3233.214–215: New Caledonia: / P. D. Montague.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis canaca* Brindle, 1976.

***carinata* Hincks, 1959 (*Cranopygia*)**

Cranopygia carinata Hincks, 1959: 65, fig. 50.

Type material

1 ♂, paratype, F3233.39; 1 ♀, paratype, F3233.40; dried, mounted on pin.

Locality labels

F3233.39–40: Maffin Bay / Dutch New Guinea / IV–IX.44 / E. S. Ross Coll.

Taxonomy

Pygidicranidae, Pygidicraninae, *Cranopygia carinata* Hincks, 1959.

***carinata* Brindle, 1978 (*Isolabis*)**

Isolabis carinata Brindle, 1978: 40, figs 33–34.

Type material

1 ♂, paratype, F3233.1467; 1 ♀, paratype, F3233.1468; dried, mounted on card.

Locality labels

F3233.1467–1468: Récolté dans l'humus // I.R.S.A.C. / S. Rhodesia: Mt Selinda, / forêt de Chirinda, 1300 m. / VII.1960 N. Leleup.

Taxonomy

Anisolabididae, Brachylabidinae, *Brachylabis carinata* (Brindle, 1978).

Remark

Transferred by Steinmann (1989a: 303).

***carinatus* Brindle, 1975 (*Spongovostox*)**

Spongovostox carinatus Brindle, 1975b: 691, figs 10–11.

Type material

1 ♀, paratype, F3233.1602, dried, mounted on card.

Locality label

Tanzanie: Mts Uluguru / Morogoro Campus Fac / Agric., piège lum. U.V. / alt. 600 m. V–VI/71. // Coll. Mus. Tervuren / Mission Mts Uluguru / L. Berger, N. Leleup / J. Debecker V/VIII/71.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox carinatus* Brindle, 1975.

***carinatus* Brindle, 1977 (*Vostox*)**

Vostox carinatus Brindle, 1977b: 122, figs 27–28.

Type material

2 ♂♂, paratypes, F3233.1632–1633; 1 ♀, paratype, F3233.1634; dried, mounted on card.

Locality labels

F3233.1632–1633: Venezuela, Aragua / Rancho Grande / La Trilla. Periquito / 11-I-1975.
F3233.1634: Venezuela, Aragua / Rancho Grande / 1100m. 11-I-74.

Taxonomy

Spongiphoridae, Spongiphorinae, *Vostox carinatus* Brindle, 1977.

Remark

The original description states that one male and one female paratype at MMUE are from the La Trilla locality, not two males as in the collection.

***cavernicola* Brindle, 1979 (*Mixocosmia*)**

Mixocosmia cavernicola Brindle, 1979: 153, fig. 6.

Type material

1 ♂, paratype, F3233.1778; 1 ♀, paratype, F3233.1779; dried, mounted on card.

Locality labels

F3233.1778–1779: Cuevas de la Puente / 3000 m. 20 km. S. / San Francisco, 40 km / E. San Luis Potosi / S. L. P. Mexico. 16-V-1972. // W. M. Elliott / R. Ralph / M. McEachern.

Taxonomy

Forficulidae, Skendylinae, *Mixocosmia cavernicola* Brindle, 1979.

***celisi* Brindle, 1966 (*Vandex*)**

Vandex celisi Brindle, 1966c: 46, figs 3–4, 10.

Type material

1 ♂, paratype, F3233.1622; 1 ♀, paratype, F3233.1623; dried, mounted on card.

Locality labels

F3233.1622–1623: Dans bois mort. // Coll. Mus. Congo / Uganda: E. Ruwenzori, / Kalengire, 2000 m. / R. P. M. J. Celis 14-I-54.

Taxonomy

Spongiphoridae, Vandicinae, *Vandex celisi* Brindle, 1966.

***ceylonicus* Brindle, 1977 (*Nannisolabis*)**

Nannisolabis ceylonicus Brindle, 1977a: 456, figs 1–3.

Type material

3 ♂♂, paratypes, F3233.1485–1487; 1 ♀, paratype, F3233.1488; dried, mounted on card.

Locality labels

F3233.1485–1488: Ceylon, Central / Kandy: env. 600 m. / 19.I.1970 / C. Beaucheti I. Löbl.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis ceylonica* (Brindle, 1977).

Remarks

Transferred by Steinmann (1989a: 368). Steinmann (1989a) uses both ‘*Antisolabis ceylonicus*’ (p. 342) and ‘*Antisolabis ceylonica*’ (p. 368). Steinmann (1989a: 368, 1989c: 331) gives Brindle’s original name for the species as *Nannisolabis ceylonica*, not *Nannisolabis ceylonicus* as in Brindle’s original description (1977a: 456).

***chopardi* Hincks, 1947 (*Forficula*)**

Forficula chopardi Hincks, 1947a: 201, fig. 1.

Type material

1 ♀, paratype, F3233.1723, dried, mounted on card.

Locality label

Museum Paris / Mt. / Bintumani / 1800 m. // Museum Paris / Sierra Leone / P. Jaeger.

Taxonomy

Forficulidae, Forficulinae, *Forficula chopardi* Hincks, 1947.

Remarks

Steinmann (1993: 596), in the entry for *F. chopardi*, cites ‘1947 *Anechura chopardi* Hincks’ as the original described taxon. This should read ‘1947 *Forficula chopardi* Hincks’. Hincks described *Anechura chopardi* in 1958 (Hincks 1958a: 185). Brindle (1973f: 270) transferred *Anechura chopardi* to *Forficula* with the new name *F. borellii* (*F. chopardi* Hincks, 1947 being the senior homonym). In Steinmann

1989c the two species, *F. borellii* Brindle, 1973 (p. 815) and *F. chopardi* Hincks, 1947 (p. 817) are clearly distinguished.

***clavijoi* Brindle, 1974 (*Eugerax*)**

Eugerax clavijoi Brindle, 1974b: 119, fig. 20.

Type material

1 ♀, paratype F3233.1532, dried, mounted on card.

Locality label

Venezuela – Aragua / Rancho Grande / 1100m. 17.V.73. // J. Salcedo / J. Clavijo.

Taxonomy

Spongiphoridae, Geracinae, *Eugerax clavijoi* Brindle, 1974.

***coalescens* Borelli, 1927 (*Chelisoches*)**

Chelisoches coalescens Borelli, 1927: 75, figs 6–9.

Type material

3 ♀♀, syntypes, F3233.1676, dried, mounted on card.

Locality label

Fort de Kock / (Sumatra) 920 M. / 1925 / leg. E. Jacobson. // ♀ // Turin Mus. / ex spt.

Taxonomy

Chelisochoidea, Chelisochinae, *Proreus coalescens* (Borelli, 1927).

Remark

Transferred by Hebard (1929: 338).

***coiffaiti* Brindle, 1970 (*Brachylabis*)**

Brachylabis coiffaiti Brindle, 1970d: 14, figs 1–2, 5.

Type material

1 ♂, paratype, F3233.1469, dried, mounted on card.

Locality label

Belinga / 46 / H. Coiffait // Mission Biologique / Au Gabon / P P Grasse Directeur.

Taxonomy

Anisolabididae, Isolabidinae, *Isolabis coiffaiti* (Brindle, 1970).

Remark

Transferred by Brindle (1978: 52).

***collinsi* Brindle, 1980 (*Brachylabis*)**

Brachylabis collinsi Brindle, 1980: 172, figs 7, 9.

Type material

1 ♂, paratype, F3233.104, dried, mounted on card.

Locality label

Sarawak / Gunong Mulu / National Park / 1978 N. M. Collins / Loc. D.

Taxonomy

Anisolabididae, Brachylabidinae, *Brachylabis collinsi* Brindle, 1980.

Remark

Additional information in the original description: ‘Dipterocarp Forest 220 m February–March 1978’.

***compressa* Borelli, 1907 (*Anisolabis*)**

Anisolabis compressa Borelli, 1907b: 3.

Type material

1 ♂, syntype, F3233.1440, dried, mounted on card.

Locality label

1906. Bimbia / Viag. Ruwenzori, S.A.R.D. Abruzzi.

Taxonomy

Anisolabididae, Anisolabidinae, *Euborellia compressa* (Borelli, 1907).

Remarks

1. Transferred by Burr (1915: 544).
2. Index card entry: Uganda.

***confusus* Hincks, 1955 (*Diplatys*)**

Diplatys confusus Hincks, 1955a: 103, figs 129–130.

Type material

2 ♂♂, paratypes, F3233.1296–1297, dried, mounted on card.

Locality labels

F3233.1296: S. India. / Madura Dis. / Shembaganur. / Astruc.

F3233.1297: S. India / Nilgiri Hills / Moyar Camp / 2,600' 10.4.54 / P.S. Nathan.

Taxonomy

Diplatyidae, Diplatyinae, *Diplatys (Syndiplatys) confusus* Hincks, 1955.

Remark

Transferred by Steinmann (1986a: 175).

***convolutum* Hincks, 1959 (*Echinosoma*)**

Echinosoma convolutum Hincks, 1959: 152, figs 140–141.

Type material

1 ♂, paratype, F3233.1325, dried, mounted on card.

Locality label

Teinzo / Birmania / Fea, Maggio 1886.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma convolutum* Hincks, 1959.

***cornutus* Brindle, 1973 (*Spongovostox*)**

Spongovostox cornutus Brindle, 1973f: 207, figs 271, 277–278.

Type material

2 ♂♂, paratypes, F3233.1603–1604; 1 ♀, paratype, F3233.1605; dried, mounted on card.

Locality labels

F3233.1603: Nigeria 10-IX 1966 / Univ. of Ife / Coll. J. L. Libby.

F3233.1604–1605: Dundo, Angola / 18-IX-1971 / A. De B. Machado. // From old territory / of *Macrotermes bellicosus*.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox cornutus* Brindle, 1973.

***cristata* Hincks, 1954 (*Apolabis*)**

Apolabis cristata Hincks, 1954b: 104, figs 2–5.

Type material

3 ♂♂, paratypes, F3233.1370–1372; 2 ♀♀, paratypes, F3233.1373–1374; dried, mounted on card.

Locality labels

F3233.1370–1374: Mt To (1600 m) / Camp 1. / Museum Paris / Nimba (Guinée) / M. Lamotte II.VI.42.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis cristata* (Hincks, 1954).

Remarks

1. Transferred by Brindle (1978: 70).

2. In the original description, the date is given as Feb.–Apr. 1942, not Feb. Jun. 1942 as on the specimen labels.

***cristata* Brindle, 1976 (*Nesogaster*)**

Nesogaster cristata Brindle, 1976b: 79, figs 24–25.

Type material

3 ♂♂, paratypes, F3233.524–526; 2 ♀♀, paratypes, F3233.527–528; dried, mounted on card.

Locality labels

F3233.524: New Caledonia / Mt. Koghi / 27.I.1963. // C. Yoshimoto / & N. Krauss / Light Trap.

F3233.525: New Caledonia / Plateau de / Dogny. // 30. III.1968 // J. L. Gressitt / Collector / Bishop Museum.

F3233.526–527: New Caledonia / Plaine des Lacs / area, 6.XI.1958. // C.R. Joyce / Collector.

F3233.528: New Caledonia / Foret de Thi to / Hamma, 700–800 m / 16.VII.1958. // Malkin & J. Rageau / Collectors.

Taxonomy

Spongiphoridae, Nesogastrinae, *Nesogaster cristatus* Brindle, 1976.

Remarks

1. Both Steinmann (1989c: 404) and Hopkins *et al.* (2014) refer to this species as *cristatus*. Brindle gives *cristata* in the original description and on the 1973 determination labels.
2. In the original description, the data for F3233.524 only matches that for one of the specimens described under ‘Other material examined’ as being at MMUE, a larva.

cunicula Brindle, 1978 (*Anisolabis*)

Anisolabis cunicula Brindle, 1978: 113, figs 113–115, 239.

Type material

1 ♂, paratype, F3233.1375, dried, mounted on card.

Locality label

Nigeria Oluduce / S. E. State 1.III.1971 / Col. J. T. Medler.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis cunicula* Brindle, 1978.

curta Brindle, 1975 (*Tagalina*)

Fig. 38

Tagalina curta Brindle, 1975a: 151, fig. 5.

Type material

1 ♂, holotype, F3233.60 (Fig. 38); 1 ♀, allotype, F3233.61; dried, mounted on pin.

Type locality

T.P.N.G. / 17.VI.56 / Tari / Dr. Peters.

Locality label

F3233.61: T.P.N.G. / 17.VI.56 / Tari / Dr. Peters.

Taxonomy

Pygidicranidae, Pygidicraninae, *Tagalina curta* Brindle, 1975.

Remarks

1. Additional information in the original description: locality New Guinea.
2. The collection date is given in the description as 17 Jul. 1956, not 17 Jun. 1956.

***decellei* Brindle, 1968 (*Labia*)**

Labia decellei Brindle, 1968d: 18, figs 8–10.

Type material

1 ♂, paratype, F3233.1606; 1 ♀, paratype, F3233.1607; dried, mounted on card.

Locality labels

F3233.1606: Coll. Mus. Tervuren / Côte d'Ivoire : Bingerville / XI.1962 / J. Decelle.

F3233.1607: As above except date: Jun. 1961.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox decellei* (Brindle, 1968).

Remarks

1. Transferred by Brindle (1973f: 195).
2. The original description does not refer to any female paratype examined other than the allotype, the collection date for which is Jul. 1961 (not Jun. 1961 as for ♀ paratype F3233.1607).

***delicatula* Brindle, 1970 (*Chaetospania*)**

Chaetospania delicatula Brindle, 1970d: 19, figs 8–9.

Type material

2 ♂♂, paratypes, F3233.1506–1507; 1 ♀, paratype, F3233.1508; dried, mounted on card.

Locality labels

F3233.1506: Belinga / 22.6.1963 / H. Coiffait // Mission Biologique / Au Gabon / PP Grasse Directeur.

F3233.1507–1508: Same data except date, 22 Mar. 1963.

Taxonomy

Spongiphoridae, Labiinae, *Chaetolabia delicatula* (Brindle, 1970).

Remark

Transferred by Brindle (1973f: 164).

***delicatula* Brindle, 1970 (*Gressittolabis*)**

Gressittolabis delicatula Brindle, 1970f: 687, figs 63–66.

Type material

1 ♂, paratype, F3233.929; 2 ♀♀, paratypes, F3233.930–931; dried, mounted on card.

Locality labels

F3233.929–930: Solomon Is. / Guadalcanal [sic] / Mt. Austen / Sept/Oct. 1965.

F3233.931: Bougainville, / Simba Mission / 2-VII-1956 / E. J. Ford.

Taxonomy

Chelisochidae, Chelisochinae, *Gressittolabis delicatula* Brindle, 1970.

Remarks

1. Steinmann (1989c) spells the genus ‘*Gressittolabis*’ and Hopkins *et al.* (2014) refer to *Gressittolabis* as a synonym of *Gressittolabis*. Brindle named the genus *Gressittolabis* for Dr J.L. Gressitt in the original description.
2. The original description gives the date for paratype F3233.931 as 2 Aug. 1965, not 2 Jul. 1956 as on the specimen label.

dentatus Hincks, 1959 (*Esphalmenus*)

Fig. 37

Esphalmenus dentatus Hincks, 1959: 205, fig. 210.

Type material

1 ♂, holotype, F3233.1356 (Fig. 37); dried, mounted on card.

Type locality

Chile / Ex. S. / Kuschel.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus dentatus* Hincks, 1959.

dentatus Brindle, 1988 (*Vostox*)

Fig. 42

Vostox dentatus Brindle, 1988: 50, figs 7–8.

Type material

1 ♂, holotype, F3233.1637 (Fig. 42); 12 ♂♂, paratypes, F3233.1638–1649; 13 ♀♀, paratypes, F3233.1650–1662; dried, mounted on card. In spirit: 18 ♂♂, 12 ♀♀, paratypes, F3448.46.

Type locality

Panama, Fortuna / Wet forest / at light, 1050m / 1.9.1976 / Dr. Henk Wolda, STRI.

Locality labels

As for type, except dates: F3233.1651, 28 Sep. 1976; F3233.1643, F3233.1648, 11 Oct. 1976; F3233.1646, F3233.1650, 17 Nov. 1976; F3233.1638, F3233.1652, F3233.1659, 21 Nov. 1976; F3233.1647, 23 May 1977; F3233.1661, 5 Aug. 1977; F3233.1660, 16 Aug. 1977; F3233.1644, 25 Sep. 1977; F3233.1658, 27 Sep. 1977; F3233.1642, 3 Jun. 1978; F3233.1655, 15 Jul. 1978; F3233.1649, 12 Sep. 1978; F3233.1662, 21 Sep. 1978; F3233.1640–1641, 25 Sep. 1978; F3233.1639, F3233.1656, 11 Dec. 1978; F3233.1657, 13 Nov. 1978; F3233.1653, 3 May 1979; F3233.1645, F3233.1654, 1 Jun. 1979.

F3448.46: Panama : Chiriqui Province / Fortuna. 1050 m. at light / 1977–1978. Dr. Henk Wolda / Smithsonian Tropical Research Institute / *Vostox dentatus* Brindle / Paratypes 18 ♂, 12 ♀ / det. A. Brindle 1980.

Taxonomy

Spongiphoridae, Spongiphorinae, *Vostox dentatus* Brindle, 1988.

Remark

The original description refers to 12 female paratypes at MMUE, not 13. Dates for all the MMUE specimens fall within the range given in the description (28.ix.1976–1.vi.1979) and the locality data match.

***denticulatum* Hincks, 1959 (*Echinosoma*)**

Echinosoma denticulatum Hincks, 1959: 150, figs 136–137.

Type material

1 ♂, paratype, F3233.1323; 1 ♀, paratype, F3233.1324: dried, mounted on card.

Locality labels

F3233.1323–1324: Sumatra / Mont Ophir / Coll. Gadeau / de Kerville.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma denticulatum* Hincks, 1959.

Remark

The original description has the spelling ‘Mt. Opphir’. (Ophir (also known as Talakmau or Talamau) is a volcano in West Sumatra, Indonesia.)

***diagonalis* Brindle, 1982 (*Cosmogerax*)**

Cosmogerax diagonalis Brindle, 1982a: 37, figs 3–6, 12.

Type material

2 ♀♀, paratypes, F3233.1674–1675, dried, mounted on card.

Locality labels

F3233.1674–1675: Venezuela, Aragua / El Limon. 450 m. / 10-XII-1975.

Taxonomy

Spongiphoridae, Cosmogeracinae, *Cosmogerax diagonalis* Brindle, 1982.

Remarks

1. Brindle (1982a: 38) refers to only 1 ♀, paratype at MMUE.
2. Taxonomy follows Steinmann 1989c. Steinmann (1989b: 100) has *Cosmogerax diagonale*. Hopkins *et al.* have *C. diagonalis*.

***discalis* Brindle, 1989 (*Carcinophora*)**

Carcinophora discalis Brindle, 1989: 14, fig. 17.

Type material

1 ♀, paratype, F3233.1392, dried, mounted on card.

Locality label

Cerro Jele, Prov. Pana. / mà. enraiz de He- / lecho. Rep. Panama. / 12 Sept. 1985 / Col. Grupo Botanica.

Taxonomy

Anisolabididae, Anisolabidinae, *Carcinophora discalis* Brindle, 1989.

Remark

Not listed in Steinmann (1989c) or Hopkins *et al.* (2014).

***discedens* Hincks, 1959 (*Bormansia*)**

Bormansia discedens Hincks, 1959: 170, fig. 166.

Type material

3 ♂♂, paratypes, F3233.1334, F3233.1335 (2 specimens on one pin); 2 ♀♀, paratypes, F3233.1336; dried, mounted on card.

Locality labels

F3233.1334–1336: Mozambique / Luabo I.1957 / Miss P. J. Usher.

Taxonomy

Karschiellidae, *Bormansia discedens* Hincks, 1959.

Remarks

1. Listed in Steinmann (1989c: 115) and Hopkins *et al.* (2014) as *discendens*. Named ‘*discedens*’ in the original description and on Hincks’ specimen determination labels.
2. The original description gives the locality as Luaba (possible misspelling of Luabo, Mozambique).

***distendens* Brindle, 1975 (*Forficula*)**

Forficula distendens Brindle, 1975c: 47, figs 54–55.

Type material

1 ♀, paratype, F3233.1733, dried, mounted on card.

Locality label

20 km S / Thimphu / 2,300 m 18/5 // Nat.-Hist Museum / Basel – Bhutan / Expedition 1972.

Taxonomy

Forficulidae, Forficulinae, *Guanchia distendens* (Brindle, 1975).

Remarks

1. Transferred by Steinmann (1993: 585).
2. The original description gives the collection date as 31 May 1972, not 18 May 1972.

***distincta* Brindle, 1975 (*Chaetospania*)**

Chaetospania distincta Brindle, 1975b: 688, fig. 8.

Type material

1 ♂, paratype, F3233.1509, dried, mounted on card.

Locality label

Tanzanie: Mts Uluguru / Kiroka, for. héliophile / alt. 725m 27–31/V/71.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania distincta* Brindle, 1975.

***diversus* Hincks, 1953 (*Emboros*)**

Emboros diversus Hincks, 1953: 378, figs 21–22.

Type material

1 ♂, paratype, F3233.1685; 1 ♀, paratype, F3233.1686; dried, mounted on card.

Locality labels

F3233.1685: Madagascar: / Mt. Tsaratanana / 1800 m. Forêt de / mousses. X.49 / R. Paulian.

F3233.1686: Same data except altitude 1500 m.

Taxonomy

Forficulidae, Skendylinae, *Paracosmiella diversa* (Hincks, 1953).

Remark

Transferred by Steinmann (1993: 167).

***doesburgi* Brindle, 1982 (*Cosmogera*)**

Cosmogera doesburgi Brindle, 1982a: 38, fig. 2.

Type material

1 ♀, paratype, F3233.1673; dried, mounted on card.

Locality label

Museum Leiden / Suriname Para Distr. / Onverdacht, on light / 7.VII.1962, 19–22h. / P.H.V. Doesburg jr.

Taxonomy

Spongiphoridae, Cosmogerae, *Cosmogera doesburgi* Brindle, 1982.

***dominicana* Brindle, 1971 (*Parasparatta*)**

Parasparatta dominicana Brindle, 1971e: 14, figs 13–14.

Type material

2 ♂♂, paratypes, F3233.1522–1523, dried, mounted on card.

Locality labels

F3233.1522: Dominica / En Haut Jean / XII-7-1964 / P. J. Spangler.

F3233.1523: Dominica / Pont Casse. 1.7 / mi. e.12III65 / W. W. Wirth. // 65W66ex / decaying heart / Euterpe palm.

Taxonomy

Spongiphoridae, Sparattinae, Sparattini, *Sparatta dominicana* (Brindle, 1971).

Remarks

1. Transferred by Steinmann (1989b: 160).
2. Index card entry: West Indies.
3. Brindle (1971e: 16) states ‘All the types are in the United States National Museum, except for one paratype male (Pont Casse) and one paratype female (En Haut Jean), in the Manchester Museum’; however, on the determination label for specimen F3233.1522, ‘♀’ has been overwritten with ‘♂’ so that both are males.

***dorsalis* Brindle, 1969 (*Acanthocordax*)**

Fig. 30

Acanthocordax dorsalis Brindle, 1969e: 276, figs 1–2.

Type material

1 ♂, holotype, F3233.1279 (Fig. 30), dried, mounted on card;

Type locality

New Guinea / Aiyura / 6000 ft. / III.1945 / B. A. O’Connor // Imp. Inst. Ent. / Coll. No. 10635.

Taxonomy

Forficulidae, Opisthocosmiinae, *Acanthocordax dorsalis* Brindle, 1969.

***ecarinatus* Brindle, 1973 (*Esphalmenus*)**

Esphalmenus ecarinatus Brindle, 1973f: 105, figs 133, 135–136.

Type material

1 ♂, paratype, F3233.1357; 1 ♀, paratype, F3233.1358; dried, mounted on card.

Locality labels

F3233.1357–1358: S. Afr. Cape Prov. / Drakensbergen 8 miles / ENE Rhodes / 10.III.51 No. 223.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus ecarinatus* Brindle, 1973.

edentata Brindle, 1988 (*Sarcinatrix*)

Fig. 33

Sarcinatrix edentata Brindle, 1988: 55, figs 3–5.

Type material

1 ♂, holotype, F3233.1747 (Fig. 33); 1 ♀, paratype, F3233.1748; dried, mounted on card.

Type locality

Panama, Fortuna / Wet forest, / at light, 1050m / 12 Sept. 1977 / Dr. Henk Wolda, STRI.

Locality label

F3233.1748: As type locality except date, 28 Nov. 1978.

Taxonomy

Forficulidae, Ancistrogastriinae, *Sarcinatrix edentata* Brindle, 1988.

elongata Brindle, 1978 (*Anisolabis*)

Anisolabis elongata Brindle, 1978: 103, figs 205–207, 278.



Figs 28–33. Holotypes (♂) of Forficulidae in the collection of the Manchester Museum. 28. *Metresura rugosa* Brindle, 1975. 29. *Timomenus pieli* Hincks, 1940. 30. *Acanthocordax dorsalis* Brindle, 1969 (F3233.1279). 31. *Skalistes peruviana* Brindle, 1970. 32. *Archidux bicolor* Brindle, 1973 (now *Cosmiella bicolor*). 33. *Sarcinatrix edentata* Brindle, 1988. Scale bars = 1 cm.

Type material

1 ♂, paratype, F3233.1376, dried, mounted on card. 1 ♀, paratype, F3233.1377, dried, mounted on pin.

Locality labels

F3233.1376: Br. Cameroons / Sappo. nr. Buea / Mar. 1951; S. Tita.

F3233.1377: Br. Cameroons / Sasse-Sappo-Buea / Mar. 1952; S. Tita.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis elongata* Brindle, 1978.

***emarginata* Brindle, 1977 (*Marava*)**

Marava emarginata Brindle, 1977b: 124, figs 30–32.

Type material

1 ♂, paratype, F3233.1548, dried, mounted on card.

Locality label

Venezuela – Aragua / Rancho Grande / 1100 m 20-V-75.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava emarginata* Brindle, 1977.

Remark

The original description gives the date of the MMUE specimen as 29 Jan. 1967, not 20 May 1975 as on the specimen label. This date does not match any in the description.

***erythrocephala* Brindle, 1964 (*Gelotolabis*)**

Gelotolabis erythrocephala Brindle, 1964: 753, figs 7, 14.

Type material

1 ♂, paratype, F3233.1378; dried, mounted on pin.

Locality label

Coll. Mus. Congo / Tanganyika Terr. : Kili- / manjaro, Vers. Sud. 4200– / 4600 m. 18/20-VII-1957.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis felix felix* Burr, 1907.

Remark

Gelotolabis erythrocephala was synonymised with *Anisolabis felix felix* Burr, 1907 by Brindle (1978: 127).

***excavatus* Hincks, 1954 (*Spongovostox*)**

Spongovostox excavatus Hincks, 1954b: 119, figs 21–22.

Type material

1 ♂, paratype, F3233.1608, dried, mounted on card.

Locality label

IFAN / Nimba (Guinée) / Lamotte et Roy / VII XII 51.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox excavatus* Hincks, 1954.

Remark

Index card entry: Guinea, Nimba Mts.

***felix elgonensis* Brindle, 1978 (*Anisolabis*)**

Anisolabis felix elgonensis Brindle, 1978: 128.

Type material

1 ♂, paratype, F3233.1379, dried, mounted on card.

Locality label

Mount Elgon / in rotten tree / 16.I.1955 / leg. M. W. & A. T.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis felix elgonensis* Brindle, 1978.

***flaviceps* Brindle, 1975 (*Metresura*)**

Metresura flaviceps Brindle, 1975d: 85.

Type material

1 ♂, paratype, F3233.1739, dried, mounted on pin.

Locality label

Costa Rica. / Aug. 1935. / EQ. A32140.

Taxonomy

Forficulidae, Neolobophorinae, *Metresura flaviceps* Brindle, 1975.

***flavicornis* Hincks, 1947 (*Cosmicula*)**

Cosmicula flavicornis Hincks, 1947b: 40, figs 22–23.

Type material

1 ♂, paratype, F3233.1712, dried, mounted on card.

Locality label

N. E. Burma / Kambaiti, 1800 m / 11/6.1934 Malaise.

Taxonomy

Forficulidae, Skendylinae, *Cosmiella flavicornis* (Hincks, 1947).

Remark

Transferred by Steinmann (1989c: 671).

***flavipes* Brindle, 1975 (*Metresura*)**

Metresura flavipes Brindle, 1975d: 85.

Type material

1 ♂, paratype, F3233.1740, dried, mounted on pin.

Locality label

San Pedro de / Montes de Oca / C. R. 9-4-33 / C. H. Ballou.

Taxonomy

Forficulidae, Neolobophorinae, *Metresura flavipes* Brindle, 1975.

Remarks

1. Not listed in Hopkins *et al.* (2014).
2. The locality is given as Costa Rica in the original description.

***flavocincta* Brindle, 1982 (*Spongovostox*)**

Spongovostox flavocincta Brindle, 1982a: 40, figs 16–17.

Type material

2 ♀♀, paratypes, F3233.1614–1615, dried, mounted on card.

Locality labels

F3233.1614: Panama, Fortuna / Wet forest, / at light, 1050m / 17 Sept. 1977 / Dr. Henk Wolda, STRI.
F3233.1615: Same data except date 2 Aug. 1977.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox flavocinctus* Brindle, 1982.

Remark

Changed to '*flavocinctus*' by Steinmann (1989b: 347).

***flavohumeralis* Brindle, 1988 (*Marava*)**

Fig. 45

Marava flavohumeralis Brindle, 1988: 52, fig. 16.

Type material

1 ♂, holotype, F3233.1799 (Fig. 45); 1 ♀, allotype, F3233.1800; 6 ♂♂, paratypes, F3233.1801–1806; 6 ♀♀, paratypes, F3233.1807–1812; dried, mounted on card.

Type locality

Panama, Fortuna / Wet forest / at light, 1050m / 24.6.1978 / Dr. Henk Wolda, STRI.

Locality labels

As type locality except dates: F3233.1806, 11 Oct. 1976; F3233.1812, 11 May 1977; F3233.1810, 8 Jul. 1977; F3233.1805, 21 Aug. 1977; F3233.1808, F3233.1809, 24 Sep. 1977; F3233.1800–1802, 17 May 1978; F3233.1804, 10 Jun. 1978; F3233.1811, 9 Jul. 1978; F3233.1807, 25 Sep. 1978; F3233.1803, 14 Oct. 1978.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava flavohumeralis* Brindle, 1988.

Remark

The number of paratypes does not match that given in the original description, which states “Paratypes (all same locality): 8 ♂, 8 ♀, 11.x.1976 – 21.xi.1978 (MM)”.

***formosanum* Hincks, 1959 (*Echinosoma*)**

Echinosoma formosanum Hincks, 1959: 151, figs 138–139.

Type material

1 ♂, paratype, F3233.1326: dried, mounted on card.

Locality labels

Tainan, / Formosa IV. // *Echinosoma* / *formosanum* / Hincks / Paratype ♂.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma formosanum* Hincks, 1959.

***fulvescens* Hincks, 1953 (*Chaetospania*)**

Chaetospania fulvescens Hincks, 1953: 373, figs 15–16.

Type material

2 ♀♀, paratypes, F3233.1510–1511, dried, mounted on card.

Locality labels

F3233.1510–1511: Madagascar CE / Perinet (parapluie) / XI.1946 J. Millot.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania fulvescens* Hincks, 1953.

***fusca* Brindle, 1966 (*Brachylabis*)**

Brachylabis fusca Brindle, 1966e: 39, fig. 13.

Type material

1 ♂, paratype, F3233.1470; 1 ♀, paratype, F3233.1471; dried, mounted on card.

Locality labels

F3233.1470: Forêt transition // Col. Mus. Congo / Tanganyika Terr.: Uluguru / Mts., vall Ululu-Ndogo, / 1500 m. 8-V-1957.

F3233.1471: Forêt de montagne // Col. Mus. Congo / Tanganyika Terr.: Uluguru / Mts., sommet du Kidunda / 1800–1950 m. 3-V-1957.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis fusca* (Brindle, 1966).

Remarks

1. Transferred by Steinmann (1989a: 344).

2. In the original description only one set of locality data is given, as for F3233.1470.

fuscata clavata Brindle, 1972 (*Chaetospania*)

Chaetospania fuscata clavata Brindle, 1972c: 148, figs 13e–13f, 13j.

Type material

2 ♂♂, paratypes, F3233.602–603; 1 ♀, paratype, F3233.604: dried, mounted on card.

Locality labels

F3233.602–604: Pilgo River / Guam / 26 May 1945 // G. E. Bohart / J. C. Gressitt.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania fuscata clavata* Brindle, 1972.

fuscata fuscata Brindle, 1972 (*Chaetospania*)

Chaetospania fuscata fuscata Brindle, 1972c: 146, figs 13c–13d, 13k.

Type material

1 ♂, paratype, F3233.599; 1 ♀, paratype, F3233.600; dried, mounted on card.

Locality labels

F3233.599–600: Kusaie. 580m / Mt. Matante / 11 Feb. 1953 / J. F. G. Clarke.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania fuscata fuscata* Brindle, 1972.

Remark

Index card entry: Indonesia.

fuscula Brindle, 1970 (*Brachylabis*)

Brachylabis fuscula Brindle, 1970d: 15, figs 3–4, 6.

Type material

1 ♂, paratype, F3233.1472, dried, mounted on card.

Locality label

Belinga / 109T / H. Coiffait // Mission Biologique / Au Gabon / P.P. Grasse Directeur.

Taxonomy

Anisolabididae, Brachylabidinae, *Brachylabis fuscula* Brindle, 1970.

***gariazzo* var. *tanganyikae* Hincks, 1957 (*Forcipula*)**

Forcipula gariazzo var. *tanganyikae* Hincks, 1957a: 42.

Type material

1 ♂, paratype, F3233.1492; 1 ♀, paratype, F3233.1493; dried, mounted on pin.

Locality labels

F3233.1492: Baie de Kasoje / Riv. Lubulungu / 15.XII.46 / Miss. Tanganika 18.

F3233.1493: Same data except date 15 Dec. 1946.

Taxonomy

Labiduridae, Labidurinae, *Forcipula tanganyikae* Hincks, 1957.

Remarks

1. Transferred by Steinmann (1980: 235).
2. The original description has '*gariazzo*', not '*gariazzi*' as in Borelli's original description of *Forcipula gariazzi* (Borelli, 1900: 1).
3. Index card entry: Tanzania.

***gnathonica* Brindle, 1970 (*Chaetospasia*)**

Chaetospasia gnathonica Brindle, 1970f: 673, figs 28–29.

Type material

1 ♂, paratype, F3233.597, dried, mounted on card.

Locality label

Forest litter / Solomon Is. / Kolombangara / Nr. Kuzi / 3–9.ix.1968 / P.N. Lawrence / Roy. Soc. Exp. / B. M. 166-1.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospasia gnathonica* Brindle, 1970.

Remark

In the original description, the paratype at MMUE is stated to be a female. Brindle's determination label states ♂.

***gracilis* Brindle, 1966 (*Allostethus*)**

Allostethus gracilis Brindle, 1966h: 442, fig. 6.

Type material

1 ♂, paratype, F3233.298, dried, mounted on card.

Locality label

Momungan / Mindanao.

Taxonomy

Labiduridae, Allostethinae, *Allostethus gracilis* Brindle, 1966.

Remarks

1. The original description gives the locality as Philippine Islands.
2. Steinmann (1989a: 412) has the taxon as *Allostethus gracile*.

***gracilis* Brindle, 1988 (*Marava*)**

Fig. 47

Marava gracilis Brindle, 1988: 52, figs 20–21.

Type material

1 ♂, holotype, F3233.1825 (Fig. 47); 1 ♂, paratype, F3233.1826; 5 paratypes, gender unspecified, F3233.1827–1831; dried, mounted on card.

Type locality

Panama, Barro / Colorado Is., S-M / light trap, ground / level 8.11.1978 / Dr. Henk Wolda, STRI.

Locality labels

As for type except date: F3233.1827, 4 Nov. 1978; F3233.1828, 7 Nov. 1978; F3233.1829, 9 Nov. 1978; F3233.1830, 13 Nov. 1978; F3233.1826, 20 Nov. 1978; F3233.1831, 4 Dec. 1978.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava gracilis* Brindle, 1988.

Remarks

1. Not listed in Hopkins *et al.* (2014).
2. The original description refers to three male and four female paratypes at MMUE (i.e., one more than listed here) with the date range, 15 Jul. 1978–4 Dec. 1978.

***grandicollis* Hincks, 1954 (*Antisolabis*)**

Antisolabis grandicollis Hincks, 1954b: 117, figs 19–20.

Type material

1 ♀, paratype, F3233.1473, dried, mounted on card.

Locality label

IFAN / Nimba (Guinée) / Lamotte et Roy / VII. XII. 51.

Taxonomy

Anisolabididae, Isolabidinae, *Isolabis grandicollis* (Hincks, 1954).

Remarks

1. Transferred by Brindle (1978: 46).
2. Index card entry: Nimba Mts.

***greensladei* Brindle, 1970 (*Brachylabis*)**

Brachylabis greensladei Brindle, 1970f: 659, figs 17–18.

Type material

1 ♂, paratype, F3233.112; 1 ♀, paratype, F3233.105; dried, mounted on card.

Locality labels

F3233.112, F3233.105: Solomon Is. / Guadacanal [sic] / Mt. Austen / 24.VIII.1965 / P. Greenslade.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis greensladei* (Brindle, 1970).

Remarks

1. Transferred by Steinmann (1989a: 359).
2. The original description states that only 1 male paratype was passed to MMUE. F3233.112 bears Brindle's 1970 determination label stating 'Paratype'.
3. The locality, spelled 'Guadacanal' on the locality label, is given as 'Guadalcanal' in the description.

***griveaudi* Brindle, 1966 (*Marava*)**

Marava griveaudi Brindle, 1966g: 248, figs 47–48, 55.

Type material

1 ♂, paratype, F3233.1549; 1 ♀, paratype, F3233.1550; dried, mounted on card.

Locality labels

F3233.1549: Sakarana / Lambomakandro / A R.

F3233.1550: Sakarana / Lambomakandro / P. Griveaud.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava griveaudi* Brindle, 1966.

***guatemalensis* Brindle, 1973 (*Geracides*)**

Geracides guatemalensis Brindle, 1973a: 154, figs 1–4.

Type material

1 ♂, paratype, F3233.1530, dried, mounted on card.

Locality label

Guatemala / 39 4347 / Primavera logs / N. York / Mar. 29 1939.

Taxonomy

Spongiphoridae, Cosmogerae, *Cosmogera guatemalensis* (Brindle, 1973).

Remarks

Taxonomy follows Steinmann 1989c. Transferred by Brindle (1982a: 37) as *Cosmogerox guatemalensis*. Steinmann (1989b: 104) has *C. guatemalense*. Hopkins *et al.* (2014) have *C. guatemalensis*.

gurneyi Brindle, 1970 (*Setocordax*)

Setocordax gurneyi Brindle, 1970a: 99, fig. 1.

Type material

1 ♂, paratype, F3233.1754, dried, mounted on pin.

Locality label

Colombia / with orchids / at Miami, Fla / Aug. 7, 1963 / 63 18995.

Taxonomy

Forficulidae, Neolobophorinae, *Setocordax gurneyi* Brindle, 1970.

hainanensis Hincks, 1940 (*Diplatys*)

Fig. 27

Diplatys hainanensis Hincks, 1940: 30, figs 1–3.

Type material

1 ♂, holotype F3233.1298 (Fig. 27), dried, mounted on card.

Type locality

Hainan, Sama / 18.VII.36 / G. Ros. leg.

Taxonomy

Diplatyidae, Diplatyinae, *Paradiplatys salvazae* (Burr, 1917).

Remarks

Hincks (1955a: 94) synonymised *Diplatys hainanensis* Hincks, 1940 with *D. salvazae* Burr, 1917. Transferred to *Lobodiplatys (Paradiplatys) salvazae* (Burr, 1917) by Steinmann (1986a: 178). The combination *Paradiplatys (Paradiplatys) salvazae* (Burr) was reinstated by Engel & Haas (2007: 20).

halli Hincks, 1949 (*Nesogaster*)

Nesogaster halli Hincks, 1949b: 202, figs 1–3.

Type material

1 ♂, paratype, F3233.541; 1 ♀, paratype, F3233.542; dried, mounted on card.

Locality labels

F3233.541: In house. / Titirangi / March 1944 / M. W. Carter.

F3233.542: Sieved. / Mt. Albert. / Auckland. / 24th Sep. 1941. / D. Spiller. Coll.

Taxonomy

Spongiphoridae, Nesogastrinae, *Nesogaster halli* Hincks, 1949.

Remarks

1. Index card entry: New Zealand.
2. Data in the original description which matches that for specimen F3233.542 has the date 29 Sep. 1941, not 24 Sep. 1941.

***hamata* Brindle, 1978 (*Anisolabis*)**

Anisolabis hamata Brindle, 1978: 132, figs 201–204, 272.

Type material

1 ♀, paratype, F3233.1380, dried, mounted on card.

Locality label

Dinsha, Bale / Ethiopia / 1971 / G. De Rougemont.

Taxonomy

Anisolabididae, Anisolabidinae, *Flexiolabis hamata* (Brindle, 1978).

Remark

Transferred by Steinmann (1989a: 36).

***hamatus* Brindle, 1972 (*Diplatys*)**

Diplatys hamatus Brindle, 1972a: 281, figs 1–2.

Type material

1 ♂, paratype, F3233.1301, dried, mounted on card.

Locality label

Costa Rica / Turrialba / VII-15–19-65 / P. J. Spangler.

Taxonomy

Diplatyidae, Diplatyinae, *Haplodiplatys hamatus* (Brindle, 1972).

Remark

Transferred by Steinmann (1974: 201).

***hebardei* Hincks, 1957 (*Echinosoma*)**

Echinosoma hebardei Hincks, 1957b: 55, figs 17–18.

Type material

1 ♂, paratype, F3233.1327, dried, mounted on card.

Locality label

Tanganyika / Southern Prov. / Nachingwea / 3.XI.53 – III.54 / V. F. Eastop.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma hebardei* Hincks, 1957.

***heliconia* Brindle, 1985 (*Labia*)**

Labia heliconia Brindle, 1985: 79, figs 10, 15, 22.

Type material

1 ♂, paratype, F3233.1545; 1 ♀, paratype, F3233.1546; dried, mounted on card.

Locality labels

F3233.1545: Ecuador: Prov. Napo / Lago Agrio. in / Heliconia 26.9.1975 / Andrea Langley.
F3233.1546: Same data except date 23 Aug. 1975.

Taxonomy

Spongiphoridae, Labiinae, *Paralabella heliconia* (Brindle, 1985).

Remark

Transferred by Steinmann (1989c: 583).

***hincksi* Ramamurthi, 1960 (*Auchenomus*)**

Auchenomus hincksi Ramamurthi, 1960: 35, figs 2–3.

Type material

1 ♂, 1 ♀, paratypes, F3233.1500, dried, mounted on card.

Locality label

India: Madras / B. N. Ramamurthi / (♂ gen. Removed)

Taxonomy

Spongiphoridae, Sparattinae, Auchenomini, *Auchenomus hincksi* Ramamurthi, 1960.

***hincksi* Brindle, 1964 (*Gelotolabis*)**

Fig. 19

Gelotolabis hincksi Brindle, 1964: 753, fig. 10.

Type material

1 ♂, holotype, F3233.1381 (Fig. 19); 1 ♀, allotype, F3233.1382; dried, mounted on pin.

Type locality

South Kulal, / Aug. 1944 / J. Adamson.

Locality label

F3233.1382: As type locality.

Taxonomy

Anisolabididae, Anisolabidinae, *Gonolabis hincksi* (Brindle, 1964).

Remark

Transferred by Steinmann (1978: 196).

***hincksi* Brindle, 1970 (*Pseudovostox*)**

Fig. 54

Pseudovostox hincksi Brindle, 1970e: 259, figs 1–2, 10.

Type material

1 ♂, holotype, F3233.1593 (Fig. 54), dried, mounted on card.

Type locality

V. Falls Rd. 148 / S. Rhodesia m. // XI. 1952 / Nat. Museum / S. Rhodesia.

Taxonomy

Spongiphoridae, Geracinae, *Pseudovostox hincksi* Brindle, 1970.

***hincksi* Brindle, 1966 (*Vandex*)**

Vandex hincksi Brindle, 1966c: 44, figs 5–6, 9.

Type material

3 ♂♂, paratypes, F3233.1624–1626; 2 ♀♀, paratypes, F3233.1627–1628; dried, mounted on card.

Locality labels

F3233.1624: Coll. Mus. Congo / Ruanda : Rutovu, for. du / Rugege, 2350 m. / P. Basilewsky 20/23-I-53.
F3233.1625–1627: Récolté dans / l'humus / (forêt Hagenia). // I.R.S.A.C.-Mus. Congo / Kivu : T. Kabare, contr. / S. E. du Kahuzi, / 13-VIII-1951 / N. Leleup.
F3233.1628: Récolté dans / l'humus. // I.R.S.A.C.- Mus. Congo / Kivu : Terr. Lubero / 2.200 m. 27-XI-1951 / N. Leleup / (for. mont. avec bamb.).

Taxonomy

Spongiphoridae, Vandicinae, *Vandex hincksi* Brindle, 1966.

Remarks

1. Index card entry: Africa, Zaire, Ruanda, Burundi borders, Kivu Province.
2. With regard to the locality of F3233.1624, Brindle (1966c: 46) states 'This species was incorrectly recorded by the late Dr. W.D. Hincks in 1955 as *V. schubotzi*, on a series from the Rugege Forest, Ruanda. Only a pair from this series is now available, but these clearly belong to the present species.'

***humicola* Brindle, 1966 (*Brachylabis*)**

Brachylabis humicola Brindle, 1966e: 37, figs 11, 19.

Type material

1 ♂, paratype, F3233.1366; 1 ♀, paratype, F3233.1367; dried, mounted on card.

Locality labels

F3233.1366–1367: I.R.S.A.C.-Mus. Congo / Kivu: Terr. Kabare, S. E. / Kahuzi, 2080/2200 m. / N. Leleup VIII-1951.

Taxonomy

Anisolabididae, Isolabidinae, *Africolabis humicola* (Brindle, 1966).

Remark

Transferred by Brindle (1978: 25).

inca Brindle, 1970 (*Neolobophora*)

Neolobophora inca Brindle, 1970a: 102, fig. 11.

Type material

1 ♂, paratype, F3233.1752; 1 ♀, paratype, F3233.1753; dried, mounted on card.

Locality labels

F3233.1752: Torentoy Canyon / Base Machu. Picchu / 2000–2200m. Peru / VI–VII. 1964. Malkin.

F3233.1753: Machu-Picchu (sobre / ruinas, 2600–2800m) / Peru – 1–2.VII.1964 / B. Malkin.

Taxonomy

Forficulidae, Neolobophorinae, *Neolobophora inca* Brindle, 1970.

incisa Brindle, 1970 (*Adiathella*)

Adiathella incisa Brindle, 1970f: 690, figs 59–60.

Type material

1 ♂, paratype, F3233.924; 1 ♀, paratype, F3233.925; dried, mounted on card.

Locality labels

F3233.924: Guadacanal [sic] / Papamanaisiu / 5700' / 8-XI-1965 / R. S. Exp.

F3233.925: Forest litter / Solomon Is. / Guadalcanal / Popamanaisiu / c 7000'. // 6 – 8. XI. 1965 / P. N. Lawrence / Roy. Soc. Exped. / Brit. Mus. 1966-I.

Taxonomy

Chelisochidae, Chelisochinae, *Adiathella incisa* Brindle, 1970.

Remarks

1. It is unclear whether F3233.925 is the allotype referred to in the original description, which only refers to one male paratype at MMUE. The allotype locality data in the description matches F3233.925.
2. The locality 'Guadacanal' on the label for F3233.925 is given as 'Guadalcanal' in the description.

incisiodes Brindle, 1978 (*Anisolabis*)

Anisolabis incisiodes Brindle, 1978: 94, figs 136–138, 247.

Type material

1 ♂, paratype, F3233.1383; 2 ♀♀, paratypes, F3233.1384–1385; dried, mounted on pin.

Locality labels

F3233.1383: Museum Paris / Congo Belge / Eala III.1935 / J. Ghesquière.
F3233.1384: Museum Paris / Congo Belge / Eala I.1935 / J. Ghesquière.
F3233.1385: Musée du Congo / Eala / - VIII -1935 / J. Ghesquière.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis incisiodes* Brindle, 1978.

Remark

The spelling ‘*incisiodes*’ is used consistently in the original description. Steinmann (1989c: 217) and Hopkins *et al.* (2014) refer to this species as *incisoides*.

***indica* Brindle, 1966 (*Forcipula*)**

Forcipula indica Brindle, 1966d: 265, figs 26, 36.

Type material

1 ♂, paratype, F3233.1494, dried, mounted on pin.

Locality label

India: U.P. / Song River / Dehra Dun. // Under stone / in water / 17.6.1945.

Taxonomy

Labiduridae, Labidurinae, *Forcipula indica* Brindle, 1966.

Remark

The date given in the original description is 1948, not 1945 as on the specimen label.

***insulana* Brindle, 1972 (*Gonolabis*)**

Gonolabis insulana Brindle, 1972c: 119, fig. 5a–e.

Type material

2 ♂♂, paratypes, F3233.188, F3233.190; 1 ♀, paratype, F3233.189; dried, mounted on pin.

Locality labels

F3233.188: S. / MapId. Yap Group / Jul–Au 50 / R J Goss. Pac. S. Bd.
F3233.189: Pac. S. Bd. Yap Group / Jul–Au 50 / R J Goss. Gagil Dist.
F3233.190: N. Yap Is. / Micronesia / July–Aug. 1950 / R. J. Goss

Taxonomy

Anisolabididae, Anisolabidinae, *Gonolabis insulana* Brindle, 1972.

***insularis* Brindle, 1976 (*Auchenomus*)**

Auchenomus insularis Brindle, 1976c: 228, figs 27–28.

Type material

1 ♀, paratype, F3233.561, dried, mounted on card.

Locality label

New Hebrides / Espiritu Santo I. / (SW): Above / Namatasopa, 400m. / Aug. 30, 1957.

Taxonomy

Spongiphoridae, Sparattinae, Auchenomini, *Auchenomus insularis* Brindle, 1976.

***intermedius* Brindle, 1966 (*Archidux*)**

Archidux intermedius Brindle, 1966c: 54, figs 13, 17, 21, 24.

Type material

1 ♂, paratype, F3233.1702; 1 ♀, paratype, F3233.1703; dried, mounted on card.

Locality labels

F3233.1702: I.R.S.A.C.-Mus.-Congo / Kivu: Mont Muhi, ruiss. / Isale, 3025 m. (humus) / N. Leleup VII-1955.

F3233.1703: Forêt transition // I.R.S.A.C.-Mus. Congo / Kivu : Riv. Nyakagera, terr. / Kabare 1600/1700 m. / N. Leleup XI-1955.

Taxonomy

Forficulidae, Skendylinae, *Cosmiella intermedia* (Brindle, 1966).

Remarks

1. Transferred by Steinmann (1989c: 672).
2. Index card entry: Rwanda, Lake Kivu.
3. In the original description the specimen with data which matches F3233.1702 is a female paratype, not a male.

***jacobsoni* Burr, 1912 (*Arixenia*)**

Fig. 16

Arixenia jacobsoni Burr, 1912: 105, fig.

Type material

2 syntypes, gender not specified, F3233.1866–67 (Fig. 16); 1 ♂, syntype, F3233.1868.

Locality labels

F3233.1866: E. Jacobson / Babakan. (Ban- / joemas) / Java / Mrt 1911 / Gouwa Lawa (grot) // Cotype // 3550 // *A. jacobsoni* Burr / det. Burr // Ex Mus. Tring / via Dr. K. Jordan.

F3233.1867: As F3233.1866 except number 3551.

F3233.1868: As F3233.1866 except number 3547 and det. label: *Arixenia jacobsoni* / Burr ♂ / det. Burr.

Taxonomy

Arixeniidae, *Xeniaria jacobsoni* (Burr, 1912).

Remarks

1. Transferred by Maa (Nakata & Maa 1974: 319).

2. In the original description, the author refers to the ‘nomotype’ being in his collection and to ‘numerous specimens: Edw. Jacobson.’
3. In the original description, the locality is given as Banjoumas Residency, Gouwa Lawa cave near the sea-shore at Babakan, Java.

***jacobsoni* Borelli, 1927 (*Timomenus*)**

Timomenus jacobsoni Borelli, 1927: 78, fig. 10.

Type material

1 ♂, 1 ♀, syntypes, F3233.1869; 1 ♂, syntype, F3233.1870; dried, mounted on card.

Locality labels

F3233.1869: Fort de Kock / (Sumatra) 920. M. / 1925 / leg. E. Jacobson.

F3233.1870: Anei Kloof / (Sumatra’s West / Kust) 500 M 1925 / leg. E. Jacobson.

Taxonomy

Forficulidae, Opisthocosmiinae, *Timomenus jacobsoni* Borelli, 1927.

Remarks

Brindle (1968f: 246) considered *T. jacobsoni* to be a lighter form of *T. bicuspis* (Stål, 1860); however, Steinmann (1982b) presents *T. jacobsoni* as a species in its own right. In the original description, Borelli referred to 4 specimens examined: 1 ♂ with data as F3233.1870, and 2 ♂♂ and 1 ♀ with data as F3233.1869 except the date 1924. He did not designate a holotype and it appears therefore that all four specimens should be considered syntypes. According to Steinmann (1982b: 365), 1 ♂ was held at Museo ed Istituto di Zoologia Sistematoica, Torino, which Steinmann appears to have designated the holotype (‘without penis’, although the male genitalia are figured in Steinmann’s description).

***javana* Hincks, 1955 (*Cranopygia*)**

Cranopygia javana Hincks, 1955c: 810, fig. 3.

Type material

9 ♂♂, paratypes, F3233.8–11, F3233.17–19, F3233.23–24; 11 ♀♀, paratypes, F3233.12–16, F3233.20–22, F3233.25–27; dried, mounted on pin.

Locality labels

F3233.18–21: E. Java / Soember / Brantas / Mt. Ardjuno / 6000’ 2.37 / M. E. Walsh.

F3233.15, F3233.17, F3233.22–24, F3233.27: Java: / Soember / Brantas / II.37 M. E. Walsh.

F3233.8–10, F3233.13–14, F3233.16, F3233.25: Kangean I. / (E. of Madura) / Ardjasa / M. E. Walsh.

F3233.11–12, F3233.26: Kangean I. / (E. of Madura) / Ardjasa 50’ / 5.36 M. E. Walsh.

Taxonomy

Pygidicranidae, Pygidicraninae, *Cranopygia javana* Hincks, 1955.

***javanicus* Hincks, 1951 (*Nesogaster*)**

Fig. 58

Nesogaster javanicus Hincks, 1951b: 570, figs 12–14.

Type material

1 ♂, holotype, F3233.545 (Fig. 58); 1 ♀, allotype, F3233.546; 1 ♂, paratype, F3233.547; dried, mounted on card.

Type locality

East Java: / Soember Brantas / Feb. 1937 / M. E. Walsh.

Locality labels

F3233.546–547: As for type locality.

Taxonomy

Spongiphoridae, Nesogastrinae, *Nesogaster aculeatus* (de Bormans, 1900).

Remark

Nesogaster javanicus Hincks, 1951 synonymised with *N. aculeatus* (de Bormans, 1900) by Steinmann (1989b: 23).

***kambaitiensis* Hincks, 1947 (*Forficula*)**

Forficula kambaitiensis Hincks, 1947b: 29, figs 15–16.

Type material

1 ♂, paratype, F3233.1729; 1 ♀, paratype, F3233.1730; dried, mounted on card.

Locality labels

F3233.1729: N. E. Burma / Kambaiti, 7000 ft / 19/4 R. Malaise.

F3233.1730: N. E. Burma / Kambaiti, 2000 m / 6/4. 1934 Malaise.

Taxonomy

Forficulidae, Forficulinae, *Forficula kambaitiensis* Hincks, 1947.

***kelangi* Brindle, 1969 (*Brachylabis*)**

Brachylabis kelangi Brindle, 1969b: 199, figs 1–3.

Type material

1 ♂, paratype, F3233.1423, dried, mounted on card.

Locality label

Kapar Mangrove / Forest Reserve / Kelang, West / Malaysia. 7.2.1969 / A. Sase Kumar.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis kelangi* (Brindle, 1969).

Remarks

1. Transferred by Steinmann (1989a: 370).
2. Index card entry: Port Swettenham.

***kermadecensis* Giles, 1973 (*Labia*)**

Labia kermadecensis Giles, 1973: 306, figs 1–4.

Type material

1 ♂, paratype, F3233.670, dried, mounted on card.

Locality label

Bells Flat, Raoul Isl. / Kermadec Isls. / 3 January 1967, J. C. Watt leg. / litter sample 67/57.

Taxonomy

Spongiphoridae, Labiinae, *Spirolabia kermadecensis* (Giles, 1973).

Remarks

1. Transferred by Steinmann (1987: 181).
2. Additional locality data in the original description: ‘... litter under *Metrosideros kermadecensis*, *Myoporum laetum* and *Rhopalostylus*, dry litter on ‘Oneraki black sandy silt’, sieved, sample U ...’ (Giles 1973: 308).

***kivuensis* Brindle, 1973 (*Chaetospania*)**

Chaetospania kivuensis Brindle, 1973f: 155, figs 191–194.

Type material

1 ♂, paratype, F3233.1512, dried, mounted on card.

Locality label

Récolté sous / écorce d’arbre mort // I.R.S.A.C. – Mus. Congo / Kivu: Terr. Mwenga, / S.O. Itombwe, Luiko / 2050 m (for. mont.) I-1952 / N. Leleup.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania kivuensis* Brindle, 1973.

Remark

Index card entry: Africa, Zaire, Kivu.

***kjellanderi* Brindle, 1967 (*Diplatys*)**

Diplatys kjellanderi Brindle, 1967b: 148, figs 3, 6, 8.

Type material

1 ♂, paratype, F3233.1302, dried, mounted on card.

Locality label

Bulbalan, Luzon.

Taxonomy

Diplatyidae, Diplatyinae, *Circodiplatys kjellanderi* (Brindle, 1967).

Remarks

Transferred by Steinmann (1986b: 109). Steinmann (1989c: 31) and Hopkins *et al.* (2014) have the spelling ‘*kjellenderi*’. Brindle dedicated this species to Dr. E. Kjellander (Brindle 1967b: 150).

koepcke Brindle, 1966 (*Idolopsalis*)

Fig. 25

Idolopsalis koepcke Brindle, 1966a: 145, figs 3, 7, 14.

Type material

1 ♂, holotype, F3233.1456 (Fig. 25); 1 ♀, allotype, F3233.1457; 3 ♂♂, paratypes, F3233.1458–1460; 3 ♀♀, paratypes, F3233.1461–1463; dried, mounted on card.

Type locality

Hda. Taulis Peru / (ca. 6° 50' S, 79° 10' W) / 27 Dezember 1952 / leg.: Koepcke.

Locality labels

F3233.1457: As type locality.

F3233.1458: N. Peru, w. slopes /Andes, Hacienda / Taulis ca 6° 50" / 79° 10" S. Ca 2700 m. / berg-urwald. / 27.12.52. Koepcke.

F3233.1459–1462: Same data except 1700m. / montane forest / rotten wood / leaves on ground / H W Koepcke 1.52. // *Kp. 403j.

F3233.1463: As type locality except mid. Jan. 1952.

Taxonomy

Anisolabididae, Idolopsalidinae, *Idolopsalis koepcke* Brindle, 1966.

Remark

The original description gives the date for the holotype and the specimen matching F3233.1458 as 24 Dec. 1952, not 27 Dec. 1952.

koepcke Brindle, 1968 (*Strongylopsalis*)

Fig. 55

Strongylopsalis koepcke Brindle, 1968c: 279, figs 1, 4.

Type material

1 ♂, holotype, F3233.1619 (Fig. 55); 1 ♀, allotype, F3233.1620; dried, mounted on card.

Type locality

Peru / Bei Kampañillayo / (bei Tarma) 6 August 1953 / leg. Koepcke.

Locality label

F3233.1620: bei Campanillay / Peru (bei Tarna) / 6.viii.1953 / H. W. Koepcke.

Taxonomy

Spongiphoridae, Strongylopsalinae, *Strongylopsalis koepcke* Brindle, 1968.

Remark

The original description gives the locality as Campanillayo (bei Tarna). The index card has Bei Campanillayo. (Tarma is a city in Peru.)

***kuscheli* Hincks, 1959 (*Esphalmenus*)**

Fig. 35

Esphalmenus kuscheli Hincks, 1959: 201, fig. 204.

Type material

1 ♂, holotype, F3233.1359 (Fig. 35); 1 ♀, allotype, F3233.1360; dried, mounted on card.

Type locality

Chile. Bio-Bio / Laguna Laja / Los Barros - 2100 m / 18.I.48. // Coll. / Kuschel // *Esphalmenus* / *Kuscheli* / Hincks / Holotype ♂ / det. W. D. Hincks.

Locality label

F3233.1360: Chile. Bio-Bio / Laguna Laja / Los Barros - 1500 m / 23.I.48. // *Esphalmenus* / *Kuscheli* / Hincks / Allotype ♀ / det. W. D. Hincks.

Taxonomy

Pygidicranidae, *Esphalmeninae*, *Esphalmenus kuscheli* Hincks, 1959.

***labioides* Hincks, 1952 (*Geracodes*)**

Geracodes labioides Hincks, 1952b: 23, figs 7–9.

Type material

1 ♂, paratype, F3233.1445; 5 ♀♀, paratypes, F3233.1446–1450; dried, mounted on card.

Locality labels

F3233.1445–1448: Sierra Leone / Njala / 15.ix – 8.xii 1930 / E. Hargreaves / At light.

F3233.1449: Sierra Leone / Njala / 30.X.32;

F3233.1450: Same data except date 21 Nov. 1923.

Taxonomy

Anisolabididae, *Isolabidinae*, *Geracodes labioides* Hincks, 1952.

***laevigata* Brindle, 1978 (*Anisolabis*)**

Anisolabis laevigata Brindle, 1978: 100, figs 142, 145, 251.

Type material

1 ♀, paratype, F3233.1386, dried, mounted on card.

Locality label

Nimba (Guinée) / Lamotte, Amiet, / Vanderplaetsen / XII 56 – V 57.

Taxonomy

Anisolabididae, Anisolabidinae, *Gonolabis laevigata* (Brindle, 1978).

Remark

Transferred by Steinman (1989a: 197).

laevis Brindle, 1975 (*Archidux*)

Archidux laevis Brindle, 1975b: 694, fig. 4.

Type material

2 ♂♂, paratypes, F3233.1704–1705, dried, mounted on card.

Locality labels

F3233.1704–1705: Tanzania: Mts Uluguru / Chenzema, alt. 1700m. / 2–22/VII/71 // Coll. Mus. Tervuren / Mission Mts Uluguru / L. Berger, N. Leleup / J. Debecker V/VIII/71.

Taxonomy

Forficulidae, Skendylinae, *Cosmiella laevis* (Brindle, 1975).

Remarks

1. Transferred by Steinmann (1989c: 672).
2. The original description refers to only one male paratype at MMUE.



Figs 34–39. Holotypes (♂) of Pygidicranidae and Labiduridae in the collection of the Manchester Museum. 34. *Esphalmenus mucronatus* Hincks, 1959. 35. *E. kuscheli* Hincks, 1959. 36. *E. argentinus* Hincks, 1959. 37. *E. dentatus* Hincks, 1959. 38. *Tagalina curta* Brindle, 1975. 39. *Gonolabidura nathani* Brindle, 1965. Scale bars = 1 cm.

***laminata* Brindle, 1973 (*Strongylopsalis*)**

Strongylopsalis laminata Brindle, 1973e: 11, figs 1, 6.

Type material

1 ♂, paratype, F3233.1621, dried, mounted on card.

Locality label

Suri / Bolivia / W. M. Mann. // Mulford / Bio. Exp. / 1921–22.

Taxonomy

Spongiphoridae, Strongylopsalinae, *Strongylopsalis laminata* Brindle, 1973.

Remark

Index card entry: Bolivia, Cajuata.

***lamottei* Brindle, 1971 (*Anisolabis*)**

Anisolabis lamottei Brindle, 1971c: 270, figs 5–7, 9.

Type material

3 ♂♂, paratypes, F3233.1387–1389; 2 ♀♀, paratypes F3233.1390–1391; dried, mounted on card.

Locality labels

F3233.1387–1388: Savane / Sommet 1550 m / 25.V.1963. // Mission ENS-IFAN / Aux Monts Loma / Sierra Leone.

F3233.1389: Savane / 2 metres ou vegetation. Piste de / Bandankoro / 29.V.1963 // Mission ENS-IFAN / Aux Monts Loma / Sierra Leone.

F3233.1390: Savane / 1580 m / 18-V-1963. // Mission ENS-IFAN / Aux Monts Loma / Sierra Leone.

F3233.1391: Prairie à / cyperacées / 20.V.1963. // Mission ENS-IFAN / Aux Monts Loma / Sierra Leone.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis lamottei* Brindle, 1971.

Remark

For the specimen most probably corresponding to F3233.1390, the original description gives the altitude as 1630 m, not 1580 m.

***lamottei* Hincks, 1954 (*Diplatys*)**

Diplatys lamottei Hincks, 1954b: 115, figs 17–18.

Type material

1 ♀, paratype, F3233.1303, dried, mounted on card.

Locality label

IFAN / Nimba (Guinée) / Lamotte et Roy / VII – XII 51.

Taxonomy

Diplatyidae, Diplatyinae, *Paradiplatys lamottei* (Hincks, 1954).

Remarks

Transferred to *Lobodiplatys lamottei* by Steinmann (1974: 199) and to the subgenus *Paradiplatys* by Steinmann (1989c: 82). The combination *Paradiplatys (Paradiplatys) lamottei* was reinstated by Engel & Haas (2007: 19).

lateralis Brindle, 1989 (*Carcinophora*)

Carcinophora lateralis Brindle, 1989: 14, fig. 11.

Type material

3 ♂♂, paratypes, F3233.1393, F3233.1839–1840; 4 ♀♀, paratypes, F3233.1841–1844; dried, mounted on card.

Locality labels

F3233.1393: Panama, Fortuna / Wet forest / at light, 1050 m. / 11 Oct. 1976 / Dr. Henk Wolda, STRI. Same data except date: F3233.1840, 1 Oct. 1976; F3233.1843, 7 Oct. 1976; F3233.1844, 15 Oct. 1976; F3233.1841, 24 May 1977; F3233.1839, 6 Sep. 1978; F3233.1842, 24 Sep. 1978.

Taxonomy

Anisolabididae, Anisolabidinae, *Carcinophora lateralis* Brindle, 1989.

Remarks

1. Not listed in Steinmann (1989c) or Hopkins *et al.* (2014).
2. The date range of the specimens does not match exactly the date range in the original description: 27.iii.1976–2.viii.1977.

leleupi Brindle, 1968 (*Anophthalmolabis*)

Anophthalmolabis leleupi Brindle, 1968b: 172, figs 1–2.

Type material

1 ♂, paratype, F3233.101; 1 ♀, paratype, F3233.100; dried, mounted on card.

Locality labels

F3233.100–101: Galapagos Isles / Santa Cruz / 27.XII.1964 / N. Leleup.

Taxonomy

Anisolabididae, Anophthalmolabidinae, *Anophthalmolabis leleupi* Brindle, 1968.

lenkoi Brindle, 1968 (*Brachylabis*)

Brachylabis lenkoi Brindle, 1968a: 32, figs 1–2.

Type material

2 ♂♂, paratypes, F3233.1424–1425, dried, mounted on card.

Locality labels

F3233.1424–1425: Barueri / SP, Brazil / 20.VIII.1967 / K. Lenko col.

Taxonomy

Anisolabididae, Brachylabidinae, *Brachylabis lenkoi* Brindle, 1968.

Remark

Index card entry: Sao Paolo.

***lingua* Brindle, 1970 (*Adiathella*)**

Adiathella lingua Brindle, 1970f: 689, fig. 57.

Type material

1 ♂, paratype, F3233.926, dried, mounted on card.

Locality label

J. L. Gressit / Collector // Solomon Is. / Guadalcanal : Suta / 500–1200 m. / IV-27-1956.

Taxonomy

Chelisochidae, Chelisochinae, *Adiathella lingua* Brindle, 1970.

***linsleyi* Brindle, 1970 (*Skalistes*)**

Skalistes linsleyi Brindle, 1970b: 226, fig. 4.

Type material

3 ♂♂, paratypes, F3233.1780–1782; 2 ♀♀, paratypes, F3233.1783–1784; dried, mounted on pin.

Locality labels

F3233.1780–1784: Michoacan / Mex. V-13-38 // Pres. by E. G. Linsley

Taxonomy

Forficulidae, Forficulinae, *Skalistes linsleyi* Brindle, 1970.

***longicollis* Hincks, 1957 (*Nesolabia*)**

Nesolabia longicollis Hincks, 1957c: 54, figs 9–11.

Type material

1 ♂, paratype, F3233.1832; 1 ♀, paratype, F3233.1833; dried, mounted on card.

Locality labels

F3233.1832–1833: La Reunion / Plaine des Cafres / Piton Manuel / 27 I 1955 // Institut / Scientifique / Madagascar.

Taxonomy

Spongiphoridae, Geracinae, *Nesolabia longicollis* Hincks, 1957.

Remark

The original description makes no reference to a female paratype with data matching that for F3233.1833.

***lucasi* Brindle, 1974 (*Skalistes*)**

Skalistes lucasi Brindle, 1974a: 5, figs 1–4.

Type material

4 ♂♂, paratypes, F3233.1785–1788; 4 ♀♀, paratypes, F3233.1789–1792; dried, mounted on pin.

Locality labels

F3233.1785, F3233.1789: Mexico: Chiapas-Oaxaca / border, 21 km W. Rizo / de Oro along ridge SE Cerro Baul, 1615 m. / 8-IX-1972, K. E. Lucas / within *Tillandisa* sp.

F3233.1791: Same data except ‘within *Tillandsia guatamalensis* / specimen #: B3-’.

F3233.1786: Same data except ‘within *Vriesia* sp’.

F3233.1792 : Same data except ‘within epiphytic *Vriesia* sp. / specimen #: B3-’.

F3233.1787–1788, F3233.1790: Same data as F233.1792 except date 8 Jan. 1973.

Taxonomy

Forficulidae, Forficulinae, *Skalistes lucasi* Brindle, 1974.

***lucens* Brindle, 1975 (*Forficula*)**

Forficula lucens Brindle, 1975c: 48, figs 56–57.

Type material

1 ♂, paratype, F3233.1731; 1 ♀, paratype, F3233.1732; dried, mounted on card.

Locality labels

F3233.1731–1732: Tongsa 2150 m / 24/6 // Nat.-Hist. Museum / Basel – Bhutan / Expedition 1972.

Taxonomy

Forficulidae, Forficulinae, *Guanchia lucens* (Brindle, 1975).

Remark

Transferred by Steinmann (1993: 584).

***lundbladi* Hincks, 1938 (*Perirrhytus*)**

Perirrhytus lundbladi Hincks, 1938: 5, figs 5–6.

Type material

3 paratypes, gender unspecified, F3233.1845–1847; dried, mounted on card.

Locality labels

F3233.1845: Madeira: / Caramujo. / 12.8.35 / “Erica – [illegible]” / Dr. O. Lundblad. / Stockholm Mus.

F3233.1846–1847: Madeira: / Feiteiras / 15.8.35 / Dr. O. Lundblad.

Taxonomy

Forficulidae, Anechurinae, *Perirrhytus lundbladi* Hincks, 1938.

Remarks

Index card entry: 2 ♂♂, 1 ♀. This agrees with the original description, which states that 15 paratypes were examined, that all paratypes with the same locality information as F3233.1845 were males and that the only two described from Feiteiras (as F3233.1846–1847) were 1 ♂ and 1 ♀.

***machu-picchuensis* Brindle, 1971 (*Marava*)**

Marava machu-picchuensis Brindle, 1971d: 250, figs 1, 5, 7.

Type material

1 ♂, paratype, F3233.1551, dried, mounted on card.

Locality label

Torentoy Canyon (Ba- / se Machu-Picchu) / 2000–2000m – Peru / VI–VII.964 B. Malkin.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava machupicchuensis* Brindle, 1971.

***magnus* Brindle, 1988 (*Vostox*)**

Fig. 41

Vostox magnus Brindle, 1988: 50, figs 9–10.

Type material

1 ♂, holotype, F3233.1663 (Fig. 41); 4 ♂♂, paratypes, F3233.1664–1667; 5 ♀♀, paratypes, F3233.1668–1672; dried, mounted on card.

Type locality

Panama, 1300M / Alto Lino, near / Bogue, Chiriqui / 25/31.VIII.1976 / Dr. Henk Wolda, STRI.

Locality labels

F3233.1664: Panama, 1300M / Alto Lino, near / Bogue, Chiriqui / 12-VI-1978 / Dr. Henk Wolda, STRI.

Same data except date: F3233.1665, 6 Sep. 1977; F3233.1668, 3–4 Jun. 1978.

F3233.1666: Panama, Fortuna / Wet forest / at light, 1050m / 23 Nov. 1976 / Dr. Henk Wolda, STRI.

Same data except date: F3233.1667, 29 Nov. 1976; F3233.1671, 12 Apr. 1978; F3233.1670, 15 May 1978; F3233.1672, 14 Aug. 1978; F3233.1669, 25 Aug. 1978.

Taxonomy

Spongiphoridae, Spongiphorinae, *Vostox magnus* Brindle, 1988.

***malaisei* Hincks, 1947 (*Chaetospania*)**

Chaetospania malaisei Hincks, 1947b: 19, figs 9–11.

Type material

1 ♂, paratype, F3233.1513, dried, mounted on card.

Locality label

N. E. Burma / Kambaiti 7000 ft / 30/5 1934 / R. Malaise.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania malaisei* Hincks, 1947.

***malgacha* Brindle, 1966 (*Euborellia*)**

Euborellia malgacha Brindle, 1966g: 236, fig. 28.

Type material

1 ♂, paratype, F3233.1441, dried, mounted on card.

Locality label

Sahafanjana / Manambato / (Anove). Institut / Scientifique / Madagascar.

Taxonomy

Anisolabididae, Anisolabidinae, *Euborellia malgacha* Brindle, 1966.

***malgacha* Brindle, 1966 (*Labia*)**

Labia malgacha Brindle, 1966g: 245, figs 33–35.

Type material

2 ♀♀, paratypes, F3233.1541–1542, dried, mounted on card.

Locality labels

F3233.1541–1542: Ampitameloka / 840 m / sud Moramanga / VIII/56 P. Griv. // Institut Scientifique / Madagascar.

Taxonomy

Spongiphoridae, Labiinae, *Paralabella malgacha* (Brindle, 1966).

Remark

Transferred by Steinmann (1989b: 486).

***mameti* Hincks, 1950 (*Labia*)**

Labia mameti Hincks, 1950b: 354, figs 1–3.

Type material

1 ♂, paratype, F3233.1594, dried, mounted on card.

Locality label

Mauritius / Le Pouce Mt. / 2. XI. 1948 / R. Mamet.26.

Taxonomy

Spongiphoridae, Geracinae, *Pseudovostox mameti* (Hincks, 1950).

Remarks

1. Transferred by Brindle (1973d: 142).
2. The original description has the collection date as 1949, not 1948.

***martensi* Brindle, 1987 (*Aborolabis*)**

Aborolabis martensi Brindle, 1987: 336, figs 12, 17.

Type material

1 ♂, paratype, F3233.1837; 1 ♀, paratype, F3233.1838; dried, mounted on card.



Figs 40–48. Holotypes (♂) of Spongiphoridae from the collection of the Manchester Museum. 40. *Vostox bolivianus* Brindle, 1971. 41. *V. magnus* Brindle, 1988. 42. *V. dentatus* Brindle, 1988. 43. *Marava pygidiata* Brindle, 1988. 44. *M. pallida* Brindle, 1988. 45. *M. flavohumeralis* Brindle, 1988. 46. *M. nigrocincta* Brindle, 1988 (no determination label). 47. *M. gracilis* Brindle, 1988. 48. *M. parvula* Brindle, 1988. Scale bars = 1 cm.

Locality labels

F3233.1837–1838: Nepal, Gorkha / Dist. Buri Gandaki / 29 July 1983 / 700–800 m. 219.

Taxonomy

Anisolabididae, Anisolabidinae, *Aborolabis martensi* Brindle, 1987.

Remark

The original description gives the locality as between Suteo and Labubesi, Shorea.

***martensi* Brindle, 1974 (*Allodahlia*)**

Allodahlia martensi Brindle, 1974c: 154, figs 13–16, 18.

Type material

1 ♂, paratype, F3233.1692; 2 ♀♀, paratypes, F3233.1693–1694; dried, mounted on card.

Locality labels

F3233.1692: Nepal. Thaksang / above Tukche / 3100–3400m. / 6/7.VII.1973 / J. Martens.

F3233.1693, same data except: 3150–3200m. / 2/4.VII.1973.

F3233.1694: Nepal 2600m. / Gosainkund / 23.IV.1973 / J. Martens.

Taxonomy

Forficulidae, Allodahliinae, *Allodahlia martensi* Brindle, 1974.

Remarks

The original description states, ‘1 male, 1 female paratypes (32) and 1 male, 1 female paratypes (35) have been retained in the Manchester Museum.’ [32 and 35 refer to data sets.] F3233.1692 matches data set 32 in the description except the date 5–10 Aug. 1970. The female with this data appears to be missing from MMUE. F3233.1693 matches data set 34 in the description exactly but not 32 or 35. The data for F3233.1694 does not match any in the description, except the collector.

***masai* Hincks, 1949 (*Afrolabia*)**

Afrolabia masai Hincks, 1949a: 76, figs 1–3.

Type material

1 ♂, paratype, F3233.1609; 1 ♀, paratype, F3233.1610; dried, mounted on card.

Locality labels

F3233.1609–1610: Van Someren / Meru, 7/43.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox masai* (Hincks, 1949).

Remarks

1. Transferred by Brindle (1973f: 216).
2. Index card entry: Africa, Tanzania, Mt. Meru.

***meridionalis* Brindle, 1978 (*Brachylabis*)**

Fig. 22

Brachylabis meridionalis Brindle, 1978: 29, figs 11–13.

Type material

1 ♂, holotype, F3233.1426 (Fig. 22), dried, mounted on card.

Type locality

S. Africa / Storms R. / 21.9.51 / J F Darbyshire.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis meridionalis* (Brindle, 1978).

Remark

Transferred by Steinmann (1989a: 343).

***meridionalis* Brindle, 1973 (*Chaetospania*)**

Fig. 57

Chaetospania meridionalis Brindle, 1973f: 151, fig. 187.

Type material

1 ♂, holotype, F3233.1514 (Fig. 57); 1 ♀, allotype, F3233.1515; 1 ♂ paratype, F3233.1516; dried, mounted on card.

Type locality

Vumba Mountains / S. Rhodesia / Under bark on dead / tree 21.3.1959 / C. N. Smithers.

Locality labels

F3233.1515–1516: As type locality.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania meridionalis* Brindle, 1973.

Remark

The original description refers to two male paratypes, not one.

***milloti* Hincks, 1953 (*Antisolabis*)**

Antisolabis milloti Hincks, 1953: 365, figs 4–5.

Type material

1 ♂, paratype, F3233.1484, dried, mounted on card.

Locality label

17-10-51 / (A.R.) // Institut / Scientifique / Madagascar.

Taxonomy

Anisolabididae, Brachylabidinae, *Metisolabis milloti* (Hincks, 1953).

Remark

Transferred by Brindle (1966g: 234).

***minima* Brindle, 1966 (*Brachylabis*)**

Brachylabis minima Brindle, 1966e: 40, figs 6, 15.

Type material

1 ♂, paratype, F3233.1474; 1 ♀, paratype, F3233.1475; dried, mounted on card.

Locality labels

F3233.1474: Forêt transition // Coll. Mus. Congo / Tanganyika Terr.: Uluguru / Mts., Ululu-Ndogo, / 1500 m. 8-V-1957.

F3233.1475: Forêt transition // Coll. Mus. Congo / Tanganyika Terr.: Uluguru / Mts., sommet du Kidunda / 1800 – 1950 m. 3-V-1957.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis minima* (Brindle, 1966).

Remark

Transferred by Steinmann (1989a: 348).

***minimus* Brindle, 1966 (*Archidux*)**

Archidux minimus Brindle, 1966c: 56, figs 14–16, 20, 23.

Type material

1 ♂, paratype, F3233.1706; 1 ♀, paratype, F3233.1707; dried, mounted on card.

Locality labels

F3233.1706–1707: Récolté dans / l'humus // I.R.S.A.C.-Mus. Congo / Kivu : Terr. Lubero / 2.200 m. 27-XI-1951 / N. Leleup / (for. mont. avec bamb.)

Taxonomy

Forficulidae, Skendylinae, *Cosmiella minima* (Brindle, 1966).

Remarks

1. Transferred by Steinmann (1989c: 673).
2. Index card entry: Africa, Zaire.

***minuscula* Brindle, 1977 (*Marava*)**

Marava minuscula Brindle, 1977b: 125, figs 23–24.

Type material

1 ♂, paratype, F3233.1552; 1 ♀, paratype, F3233.1553; dried, mounted on card.

Locality labels

F3233.1552–1553: Venezuela – Bolivar / El Hormiguero Me- / seta de Nuria. / 500m. 13–17.XII.74.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava furia* Steinmann, 1989.

Remark

New name by Steinmann (1989c: 502): ‘*Marava furia* Steinmann (new name for *Marava minuscula* Brindle, 1977 as a junior homonym of *Forficula minuscula* Latreille, 1817).’

***minutissima* Brindle, 1972 (*Anisolabis*)**

Anisolabis minutissima Brindle, 1972c: 128, figs 6a–c, 7b.

Type material

1 ♂, paratype, F3233.1394, dried, mounted on card.

Locality label

Garakayo I. / Pelew Islands / VIII : 9 : 45. // Coll. & pres. by / Henry S. Dybas.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis minutissima* Brindle, 1972.

Remarks

1. Index card entry: Pelew Islands = Palau.
2. The original description refers only to the holotype and allotype. There is no reference to paratypes.

***mucronatus* Hincks, 1959 (*Esphalmenus*)**

Fig. 34

Esphalmenus mucronatus Hincks, 1959: 202, fig. 208.

Type material

1 ♂, holotype, F3233.1361 (Fig. 34), dried, mounted on card.

Type locality

Bolivia / Estacion Condor / 4790 m / 11.I.49. Coll. / Kuschel.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus mucronatus* Hincks, 1959.

***nathani* Brindle, 1965 (*Gonolabidura*)**

Fig. 39

Gonolabidura nathani Brindle, 1965: 594, fig. 21.

Type material

1 ♂, holotype, F3233.1491 (Fig. 39), dried, mounted on card.

Type locality

S. India, Coimbatore Dstr. / Valparal 3500 ft. II–III / coll. P. S. Nathan 1938.

Taxonomy

Labiduridae, Allostethinae, *Gonolabidura nathani* Brindle, 1965.

***nepalensis* Brindle, 1974 (*Anisolabis*)**

Anisolabis nepalensis Brindle, 1974c: 148, figs 4–5.

Type material

1 ♂, paratype, F3233.1395; 1 ♀, paratype, F3233.1396; dried, mounted on card.

Locality labels

F3233.1395: Nepal / Myangdi – Kholā / Muri 2100 m. / IV.1970 / J. Martens. F3233.1396: Nepal: Sitha – Gorapani / 2300 – 2700m / J. Martens leg. 11.Jul.73.

Taxonomy

Anisolabididae, Anisolabidinae, *Aborolabis nepalensis* (Brindle, 1974).

Remarks

1. Transferred by Steinmann (1979: 215).
2. The original description gives the altitude for F3233.1395 as 2300 m, not 2100 m. The locality of F3233.1396 is given in the description as between Sika (not Sitha as on the label) and Gorapani.

***nevermanni* Brindle, 1966 (*Vara*)**

Vara nevermanni Brindle, 1966f: 138, figs 1–4.

Type material

1 ♂, paratype, F3233.1749; 2 ♀♀, paratypes, F3233.1750–1751; dried, mounted on card.

Locality labels

F3233.1749: Costa Rica / Farm Hamburg / am Reventazon / 3.XII.1932. // Urwald welches Laub / F. Nevermann leg. / Eing. Nr.104, 1932.

F3233.1750: Costa Rica / Farm Hamburg / am Reventazon / 29.3.31. // F. Nevermann leg. / Eing. Nr.164, 1931.

F3233.1751: Costa Rica / Turrialba / 29.VIII.32 // An Carica papaya / F. Nevermann leg. / Eing. Nr. 42 1934.

Taxonomy

Forficulidae, Ancistrogastrinae, *Sarcinatrix anomalia* (Rehn, 1903).

Remarks

1. *Vara nevermanni* Brindle, 1966 synonymised with *Sarcinatrix anomalia* (Rehn, 1903) by Brindle (1967a: 189).
2. The original description gives the date for the specimen which matches F3233.1751 as 29 Jul. 1932, not 29 Aug. 1932.

3. In the original description, no reference to a specimen matching the date of F3233.1750 (i.e., 29 Mar. 1931) was made.

***nigerrima* Brindle, 1966 (*Forficula*)**

Forficula nigerrima Brindle, 1966b: 148, figs 1–3.

Type material

1 ♂, paratype, F3233.1724, dried, mounted on card.

Locality label

Nyasaland / Mt Mlange / 8.8.1956 / AWR McCrae. // Ridge 7500' / ½ m ESE of / Little Rus Camp / Little Rus Plat. // Under stones / on peaty / grass mat.

Taxonomy

Forficulidae, Forficulinae, *Afroforficula nigerrima* (Brindle, 1966).

Remarks

1. Transferred by Steinmann (1993: 544).
2. Index card entry: Africa, Malawi.
3. Mt Mlange (locality label) is a variant spelling of Mt. Mlanje or Mt. Mulanje, Malawi.

***nigrescens* Brindle, 1987 (*Aborolabis*)**

Aborolabis nigrescens Brindle, 1987: 337, figs 9, 11.

Type material

1 ♂, paratype, F3233.1835; 1 ♀, paratype, F3233.1836; dried, mounted on card.

Locality labels

F3233.1835–1836: Nepal, Nuwakot / District, Trisuli / 21/22 July 1983 / 600–650 m 907.

Taxonomy

Anisolabididae, Anisolabidinae, *Aborolabis nigrescens* Brindle, 1987.

***nigrescens* Brindle, 1977 (*Pyragra*)**

Pyragra nigrescens Brindle, 1977b: 113, figs 6, 8.

Type material

1 ♀, paratype, F3233.1340, dried, mounted on pin.

Locality label

Venezuela, Bolivar / El Bochinche Res. / Forestal Imataca / 200m. 6–13.XII.74.

Taxonomy

Pygidicranidae, Pyragrinae, *Pyragra nigrescens* Brindle, 1977.

***nigrinus* Brindle, 1984 (*Esphalmenus*)**

Esphalmenus nigrinus Brindle, 1984: 286, fig. 24.

Type material

1 ♀, paratype, F3233.1362, dried, mounted on card.

Locality label

Ecuador / N. of Azogues / 3000 m.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus nigrinus* Brindle, 1984.

Remark

The original description refers to one male paratype at MMUE. The MMUE specimen is labelled ♀.

***nigrita* Brindle, 1971 (*Idolopsalis*)**

Idolopsalis nigrita Brindle, 1971d: 255, fig. 9.

Type material

1 ♂, paratype, F3233.1464, dried, mounted on card. 1 ♀, paratype, F3233.1465, dried, mounted on pin.

Locality labels

F3233.1464: Bromélia / 10m // Est. Biol. Boraceia /Salesópolis, SP / 26.XI.1968 / E. X. Rabello col.

F3233.1465: Est. Biol. Boraceia /Salesópolis, SP / 18.VI.1966 / C. Costa col.

Taxonomy

Anisolabididae, Idolopsalidinae, *Idolopsalis nigrita* Brindle, 1971.

Remark

The original description gives the locality San Paulo.

***nigritum* Brindle, 1974 (*Eugerax*)**

Eugerax nigritum Brindle, 1974b: 118.

Type material

1 ♂, paratype, F3233.1533, dried, mounted on card.

Locality label

Venezuela – Aragua / Rancho Grande / 1100m. 12.V.73. // J. A. Clavijo / G. Equis.

Taxonomy

Spongiphoridae, Geracinae, *Eugerax nigritum* Brindle, 1974.

***nigrocincta* Brindle, 1988 (*Marava*)**

Fig. 46

Marava nigrocincta Brindle, 1988: 52, figs 14, 19.

Type material

1 ♂, holotype, F3233.1813 (Fig. 46); 10 ♂♂, paratypes, F3233.1850–1859; 4 ♀♀, paratypes, F3233.1860–1863; dried, mounted on card.

Type locality

Panama, Fortuna / Wet forest / at light, 1050m / 10.5.1977 / Dr. Henk Wolda, STRI.

Locality labels

As type locality except dates: F3233.1862, 13 Nov. 1976; F3233.1860, 28 Jul. 1977; F3233.1861, 15 Aug. 1977; F3233.1863, 11 Sep. 1977; F3233.1850–1854, 24 Sep. 1977, F3233.1855–1858, 25 Sep. 1977; F3233.1859, 24 Oct. 1977.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava nigrocincta* Brindle, 1988.

Remark

The original description gives the collection date of the holotype as 21 Jul. 1977, not 10 May 1977 as on the locality label.

***nilgiriensis* Hincks, 1955 (*Diplatys*)**

Diplatys nilgiriensis Hincks, 1955a: 111, fig. 144.

Type material

1 ♂, paratype, F3233.1304, dried, mounted on card.

Locality label

S. India / Nilgiri Hills / Cherangode / 3,500' X.50 / P.S. Nathan.

Taxonomy

Diplatyidae, Diplatyinae, *Diplatys (Syndiplatys) nilgiriensis* Hincks, 1955.

Remarks

1. Transferred by Steinmann (1986a: 175).
2. The original description gives the collection date as Nov. 1950, not Oct. 1950 as on the locality label.

***nimbaensis* Hincks, 1954 (*Anisolabis*)**

Anisolabis nimbaensis Hincks, 1954b: 103, fig. 1.

Type material

1 ♂, paratype, F3233.1397; 1 ♀, paratype, F3233.1398; dried, mounted on card.

Locality labels

F3233.1397–1398: Mt To (1600 m) / Camp 1. Muséum Paris / Nimba (Guinée) / M. Lamotte II. VI. 42.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis nimbaensis* Hincks, 1954.

Remarks

1. Index card entry: Africa, Guinea, Nimba Mts.
2. The original description refers to 4 paratypes in the Hincks collection.

***nodulosa* Brindle, 1973 (*Labia*)**

Labia nodulosa Brindle, 1973c: 395, figs 1–2.

Type material

1 ♂, paratype, F3233.1543, dried, mounted on card.

Locality label

Costa Rica / Coronado / 15.II.1931 / F. Nevermann.

Taxonomy

Spongiphoridae, Labiinae, *Paralabella conspicua* (Borelli, 1906).

Remark

Synonymised with *L. conspicua* (Borelli, 1906) by Brindle (1985: 74). *L. conspicua* transferred to *Paralabella* by Steinmann (1989b: 473).

***notonoma* Hincks, 1952 (*Antisolabis*)**

Antisolabis notonoma Hincks, 1952a: 214, fig. 1.

Type material

1 ♂, paratype, F3233.1489, dried, mounted on card.

Locality label

Mt. Keira / New South Wales / 4 : 12 : 1949 / C. E. Chadwick // Under rotting log.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis notonoma* Hincks, 1952.

***ocellatus* Brindle, 1971 (*Vostox*)**

Vostox ocellatus Brindle, 1971b: 539, figs 63–65.

Type material

1 ♂, paratype, F3233.1635, dried, mounted on card.

Locality label

Honduras / 3913999 / Primavera / logs. n. y. / Aug. 19, 1939.

Taxonomy

Spongiphoridae, Spongiphorinae, *Vostox ocellatus* Brindle, 1971.

***ochracea* Brindle, 1966 (*Chaetospania*)**

Chaetospania ochracea Brindle, 1966g: 241, figs 45–46.

Type material

1 ♂, paratype, F3233.1517, dried, mounted on card.

Locality label

Manambato / (Anove) // Institut Scientifique / Madagascar.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania ochracea* Brindle, 1966.

***ochroptera* Brindle, 1972 (*Allodahlia*)**

Allodahlia ochroptera Brindle, 1972b: 27, fig. 9.

Type material

1 ♀, paratype, F3233.1695, dried, mounted on card.

Locality label

Bhamo / Birmania / Fea IX 1886.

Taxonomy

Forficulidae, Allodahliinae, *Allodahlia ochroptera* Brindle, 1972.

Remarks

1. Bhamo is a city in northern Myanmar.
2. The original description gives the collection date as Oct. 1886, not Sep. 1886 as on the locality label.

***pallida* Brindle, 1988 (*Marava*)**

Fig. 44

Marava pallida Brindle, 1988: 51, figs 13, 18.

Type material

1 ♂, holotype, F3233.1558 (Fig. 44); 4 ♂♂, paratypes, F3233.1559–1562; 8 ♀♀, paratypes, F3233.1563–1570; dried, mounted on card.

Type locality

Panama, Barro / Colorado Is., S-M / light trap, ground / level / 30.9.1977 / Dr. Henk Wolda, STRI.

Locality labels

As type locality except dates: F3233.1562, 22 Nov. 1977; F3233.1560, 1 May 1978; F3233.1559, 17 Jun. 1978; F3233.1561, 8 Sep. 1978; F3233.1563, 27 Sep. 1978; F3233.1568, 13 Oct. 1978; F3233.1567,

21 Oct. 1978; F3233.1565, 26 Oct. 1978; F3233.1564, 22 Nov. 1978; F3233.1569, 13 Dec. 1978. F3233.1566: Panama, Barro / Colorado Is., S-M / light trap, ground / level / WK 20 D / Dr. Henk Wolda, STRI.

F3233.1570: Panama, Barro / Colorado Is., S-M / light trap, tree / canopy / 30.9.1977 / Dr. Henk Wolda, STRI.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava pallida* Brindle, 1988.

***pallidicolle* Hincks, 1959 (*Echinosoma*)**

Echinosoma pallidicolle Hincks, 1959: 154, figs 143–144.

Type material

1 ♂, paratype, F3233.461; 2 ♀♀, paratypes, F3233.462–463; dried, mounted on card.

Locality labels

F3233.461: Java / Coll. Gadeau / de Kerville.

F3233.462: Java / Mount Tengger / Coll. Gadeau / de Kerville.

F3233.463: East Java: / Soember Brantas / Feb. 1937. / M. E. Walsh.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma pallidicolle* Hincks, 1959.

***pallidus* Brindle, 1968 (*Auchenomus*)**

Auchenomus pallidus Brindle, 1968h: 543, figs 4, 7–8, 10.

Type material

1 ♂, paratype, F3233.1501, dried, mounted on card.

Locality label

Virao / S. O. Luzon.

Taxonomy

Spongiphoridae, Sparattinae, Auchenomini, *Auchenomus pallidus* Brindle, 1968.

Remark

Index card entry: Philippine Islands, Luzon.

***pandani* Hincks, 1960 (*Auchenomus*)**

Auchenomus pandani Hincks, 1960b: 157, figs 2–3.

Type material

1 ♂, paratype, F3233.554, dried, mounted on card.

Locality label

New Guinea / Yalu : Lae / i. 1958 / R. W. Paine. // On leaves of / Pandanus / (No. 4 sp.).

Taxonomy

Spongiphoridae, Sparattinae, Auchenomini, *Auchenomus pandani* Hincks, 1960.

***pandani* Hincks, 1959 (*Tagalina*)**

Tagalina pandani Hincks, 1959: 114, fig. 99.

Type material

1 ♂, paratype, F3233.58, dried, mounted on pin.

Locality label

Melambi R. Lae N. G. / Mirilunga Vill. 4500 / 29.12.56 on Pandanus / Coll. J H Ardley (New Guinea)
// C. I. F. Coll. / No. 15242.

Taxonomy

Pygidicranidae, Pygidicraninae, *Tagalina pandani* Hincks, 1959.

***parvula* Brindle, 1988 (*Marava*)**

Fig. 48

Marava parvula Brindle, 1988: 54, fig. 17.

Type material

1 ♂, holotype, F3233.1814 (Fig. 48); 1 ♂, paratype, F3233.1815; 5 ♀♀, paratypes, F3233.1816–1820;
1 paratype, gender unspecified, F3233.1821; dried, mounted on card.

Type locality

Panama, 1300m / Alto Lino, near / Bogue, Chiriqui / 1.X.1977 / Dr. Henk Wolda, STRI.

Locality labels

As type locality except dates: F3233.1815, 3 May 1977; F3233.1820, 7 May 1977; F3233.1816, 9 Oct.
1977; F3233.1821, 14 Oct. 1977; F3233.1817, 4 May 1978; F3233.1818, F3233.1819, 23 Jun. 1978.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava parvula* Brindle, 1988.

Remark

The original description refers to 7 female paratypes at MMUE.

***pauliani* Hincks, 1948 (*Chaetospania*)**

Chaetospania pauliani Hincks, 1948: 319, figs 2, 6.

Type material

1 ♂, paratype, F3233.1518, dried, mounted on card.

Locality label

Museum Paris / Cote d'Ivoire / Réserve du Banco / R. Paulian & C. Delamare.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania pauliani* Hincks, 1948.

peruviana Brindle, 1970 (*Skalistes*)

Fig. 31

Skalistes peruviana Brindle, 1970b: 223, figs 5, 13.

Type material

1 ♂, holotype, F3233.1793 (Fig. 31); 1 ♀, allotype, F3233.1794; 3 ♂♂, paratypes, F3233.1795–1796 [2 specimens]; dried, mounted on card.

Type locality

N. Peru : Huambos / nr. Cutervo 2400m / 13.VI.1956. / W. Weyrauch.

Locality labels

F3233.1794: Porculla-Peru / Pass (Weg von Olmos / nach Jaén) 11. April / leg.: Koepcke. 1953.
F3233.1795–1796: As type locality.

Taxonomy

Forficulidae, Forficulinae, *Skalistes peruviana* Brindle, 1970.

philippinense Hincks, 1959 (*Echinosoma*)

Echinosoma philippinense Hincks, 1959: 156, figs 148–150.

Type material

2 ♂♂, paratypes, F3233.1328–1329; 2 ♀♀, paratypes, F3233.1330–1331; dried, mounted on card.

Locality labels

F3233.1328–1331: Philippine Is. / Mindoro, San / José X.1945 / E. S. Ross. // Ex Calif. / Ac. Scie.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma philippinense* Hincks, 1959.

picea Borelli, 1907 (*Gonolabis*)

Gonolabis picea Borelli, 1907c: 1.

Type material

1 ♂, syntype, F3233.1399, dried, mounted on card.

Locality label

1906 Butiti / Viag. Ruwenzori / S. A. R. D. Abruzzi. ex coll. / Borelli.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis duplicata* Steinmann, 1989;

Remarks

1. Steinmann (1989a: 94) proposed a new name for *Gonolabis picea* Borelli, 1907, a junior homonym of *Gonolabis picea* Shiraki, 1905.
2. Index card entry: Uganda.

***pieli* Hincks, 1940 (*Timomenus*)**

Fig. 29

Timomenus pieli Hincks, 1940: 38.

Type material

1 ♂, holotype, F3233.1797 (Fig. 29); 1 ♂, paratype, F3233.1798; dried, mounted on pin.

Type locality

Hainan / Nodda 25.III.36 / G. Ros leg. // 43.

Locality label

F3233.1798: Hainan Is. S. China / Tsi-pin-tsuen Lam- / ks-heung, Lai-mo-ling / (Mt. Range), Ktung-shan / District, May 17–26 / 1935. F. K. To.

Taxonomy

Forficulidae, Opisthocosmiinae, *Timomenus pieli* Hincks, 1940.

***ponapensis* Brindle, 1972 (*Chaetospania*)**

Chaetospania ponapensis Brindle, 1972c: 149, fig. 13g–i.

Type material

1 ♂, paratype, F3233.607; 2 ♀♀, paratypes, F3233.608–609; dried, mounted on card.

Locality labels

F3233.607: Nanpil, Nett Dist. / Ponape I. / 25 Feb. 1948.

F3233.609: Same data except date 28 Feb. 1948.

F3233.608: Mt. Tama- / tamansakir / Ponape Id. / 1400' / June – Sept. 50 / P.A. Adams.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania ponapensis* Brindle, 1972.

Remark

Index card entry: Micronesia, Ponape.

***pophami* Brindle, 1969 (*Vandex*)**

Fig. 51

Vandex pophami Brindle, 1969d: 190, fig. 1.

Type material

1 ♂, holotype, F3233.1629 (Fig. 51), dried, mounted on card.

Type locality

Mufindi / Tanganyika / 1938.

Taxonomy

Spongiphoridae, Vandicinae, *Vandex pophami* Brindle, 1969.

***porrectella* Brindle, 1978 (*Anisolabis*)**

Anisolabis porrectella Brindle, 1978: 86, figs 99–101, 116, 238.

Type material

1 ♂, paratype, F3233.1400; 1 ♀, paratype, F3233.1401; dried, mounted on card.

Locality labels

F3233.1400–1401: Récolté dans l’humus. I.R.S.A.C. – Mus. Congo / Kivu: T. Kalehe, Bitale / N. O. Kahusi, 1600 m. / (for. transit.) 29-VI-1951 / N. Leleup.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis porrectella* Brindle, 1978.

Remark

The original description gives the locality as Kahele Territory, not Kalehe as on the locality label. Bitale is in Kalehe Territory, South Kivu Province, Democratic Republic of Congo.

***prolongata* Hincks, 1947 (*Sphingolabis*)**

Sphingolabis prolongata Hincks, 1947b: 21, figs 12–13.

Type material

1 ♂, paratype, F3233.1599, dried, mounted on card.

Locality label

N. E. Burma / Kambaiti 7,000 ft. / 12/4 R. Malaise.

Taxonomy

Spongiphoridae, Labiinae, *Sphingolabis prolongata* Hincks, 1947.

Remarks

1. Hopkins *et al.* (2014) has ‘*prolonga*’.
2. The original description gives the full date as 12 Apr. 1934.

***pulchellus* Brindle, 1977 (*Purex*)**

Purex pulchellus Brindle, 1977b: 118, figs 9–11.

Type material

1 ♂, paratype, F3233.1596; 1 ♀, paratype, F3233.1597; dried, mounted on card.

Locality labels

F3233.1596: Venezuela – Aragua / Rancho Grande / 1100m. 20.V.75. // En la / Luz. // J. Salcedo / J. A. Clavijo.

F3233.1597: Same data except date 2 Apr. 1975 and collector J. Salcedo.

Taxonomy

Spongiphoridae, Spongiphorinae, *Purex pulchellus* Brindle, 1977.



Figs 49–58. Holotypes (♂) of Spongiphoridae in the collection of the Manchester Museum. 49. *Auchenomus variabilis guadalcanalensis* Brindle, 1970. 50. *Labia africana* Brindle, 1968 (now *Pseudovostox africanus*). 51. *Vandex pophami* Brindle, 1969. 52. *Pericomus ater* Brindle, 1988. 53. *Pseudovostox africanus sudanensis* Brindle, 1970. 54. *P. hincksi* Brindle, 1970. 55. *Strongylopsalis koepckei* Brindle, 1968. 56. *Labia rotundifrons* Hincks, 1954 (now *Paralabella rotundifrons*). 57. *Chaetospania meridionalis* Brindle, 1973. 58. *Nesogaster javanicus* Hincks, 1951 (now *N. aculeatus*). Scale bars = 1 cm.

***pusilla* Brindle, 1978 (*Bormansia*)**

Bormansia pusilla Brindle, 1978: 189, fig. 347.

Type material

1 ♂, paratype, F3233.1337, dried, mounted on card.

Locality label

Ostafrika: T. T. / Msala (Rufiji) / 27.IV.1952 / H. Knipper leg.

Taxonomy

Karschiellidae, *Bormansia pusilla* Brindle, 1978.

Remark

Index card entry: Tanzania.

***pygidiata* Brindle, 1988 (*Marava*)**

Fig. 43

Marava pygidiata Brindle, 1988: 54, fig. 23.

Type material

1 ♂, holotype, F3233.1822 (Fig. 43); 2 ♀♀, paratypes, F3233.1823–1824; dried, mounted on card. In spirit: 2 paratypes [gender not specified], F3448.31.

Type locality

Panama, Fortuna / Wet forest / at light, 1050m / 15.12.1977 / Dr. Henk Wolda, STRI.

Locality labels

As type locality except date: F3233.1823, 24 Sep. 1977; F3233.1824, 25 Sep. 1977; F3448.31, 1977–1978.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava pygidiata* Brindle, 1988.

Remark

The original description (Brindle 1988) refers to one male and 12 female paratypes at MMUE with a date range of 12 Aug. 1977–3 Jun. 1979.

***pygidiatus* Brindle, 1975 (*Vandex*)**

Vandex pygidiatus Brindle, 1975b: 687, figs 5–7.

Type material

1 ♂, paratype, F3233.1630; 1 ♀, paratype, F3233.1631; dried, mounted on card.

Locality labels

F3233.1630: Tanzanie : Mts Uluguru / Morning Side, Toelo / for., alt. 1450 m / 21–29/VI/71.

F3233.1631: Tanzanie : Mts Uluguru / Chenzema, alt. 1700m. / 2–22/VII/71.

Taxonomy

Spongiphoridae, Vandicinae, *Vandex pygidiatus* Brindle, 1975.

***pygmaea* Brindle, 1970 (*Metresura*)**

Metresura pygmaea Brindle, 1970a: 105, fig. 9.

Type material

1 ♂, paratype, F3233.1741; 1 ♀, paratype, F3233.1742; dried, mounted on card.

Locality labels

F3233.1741: La Venta – D.F. / Mexico / 17.XII.1961 / PE. Pereira Col.

F3233.1742: Desierto Los Leones / 2900 m. D.F. Mexico / II – 1962 / Olguin E Pereira.

Taxonomy

Forficulidae, Neolobophorinae, *Metresura pygmaea* Brindle, 1970.

***quadricollis* Hincks, 1954 (*Apolabis*)**

Apolabis quadricollis Hincks, 1954b: 106, fig. 6.

Type material

1 ♂, paratype, F3233.1402, dried, mounted on card.

Locality label

Muséum Paris / Nimba (Guinée) / II. VI. 42. Pierre Richaud (900m).

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis quadricollis* (Hincks, 1954).

Remarks

1. Transferred by Brindle (1978: 114).
2. Index card entry: Guinea, Nimba Mts.

***quadrimaculata* Brindle, 1971 (*Sarcinatrix*)**

Sarcinatrix quadrimaculata Brindle, 1971g: 169, figs 12–16.

Type material

1 ♂, paratype, F3233.1746, dried, mounted on card.

Locality label

Est. Biol. Boraceia / Salesópolis – S. P. / Brasil – 13 – 18.IV.961 / Reichardt col.

Taxonomy

Forficulidae, Ancistrogastriinae, *Sarcinatrix quadrimaculata* Brindle, 1971.

Remark

Index card entry: Brazil, Sao Paulo, Estação Biologica de Boracéia, Salesópolis.

***rehni* Hincks, 1951 (*Nesogaster*)**

Nesogaster rehni Hincks, 1951b: 573, fig. 17.

Type material

2 ♂♂, paratypes, F3233.537, dried, pinned, double mounted on the same pin.

Locality label

Queensland / Kuranda / Dodd.

Taxonomy

Spongiphoridae, Nesogastrinae, *Nesogaster rehni* Hincks, 1951.

***reichardti* Brindle, 1971 (*Mecomera*)**

Mecomera reichardti Brindle, 1971g: 166, figs 1–7.

Type material

1 ♂, paratype, F3233.1520; 1 ♀, paratype, F3233.1521; dried, mounted on card.

Locality labels

F3233.1520–1521: St. Catharina / Blumenau / [illegible] / 20.339 / II.19.

Taxonomy

Spongiphoridae, Sparattinae, Sparattini, *Mecomera reichardti* Brindle, 1971.

Remark

Index card entry: Blumenau, Santa Catarina, Brazil.

***rhodesiensis* Brindle, 1973 (*Afrocosmia*)**

Afrocosmia rhodesiensis Brindle, 1973f: 288, figs 389–391.

Type material

1 ♂, paratype, F3233.1679; 1 ♀, paratype, F3233.1680; dried, mounted on card.

Locality labels

F3233.1679: Récolté dans / l'humus // I.R.S.A.C.-Mus. R.A.C. / S. Rhodesia : Mt Selinda, / forêt de Chirinda, 1300 m. / VII. 1960 N. Leleup.

F3233.1680: Vase d'une / tête de source / marécageuse // I.R.S.A.C.-Mus. R.A.C. / S. Rhodesia : Mt Selinda, / forêt de Chirinda, 1300 m. / VII. 1960 N. Leleup.

Taxonomy

Forficulidae, Skendylinae, *Afrocosmia rhodesiensis* Brindle, 1973.

***rileyi* Hincks, 1955 (*Diplatys*)**

Diplatys rileyi Hincks, 1955a: 74, figs 75–78.

Type material

1 ♀, paratype, F3233.1305, dried, mounted on card.

Locality label

Sikkim: Singhik / 3,500 ft. 23.iv.1924. / Maj. R. W. G. Hingston.

Taxonomy

Diplatyidae, Diplatyinae, *Haplodiplatys rileyi* (Hincks, 1955).

Remark

Transferred by Steinmann (1974: 203).

***rostrata* Brindle, 1978 (*Anisolabis*)**

Anisolabis rostrata Brindle, 1978: 87, figs 107–109, 237.

Type material

1 ♂, paratype, F3233.1403, dried, mounted on card.

Locality label

Biot. No. 95 / Humus / en forêt. Mus. Roy. Afr. Centr. / Tshuapa : Terr. Ikela, / riv. Lukendu, VIII-1959 / B. 95 N. Leleup.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis rostrata* Brindle, 1978.

***rostratus* Brindle, 1984 (*Esphalmenus*)**

Esphalmenus rostratus Brindle, 1984: 288, fig. 27.

Type material

1 ♂, paratype, F3233.1363; 1 ♀, paratype, F3233.1364; dried, mounted on card.

Locality labels

F3233.1363–1364: Argentina / Tierra del Fuego / Estancia Viamonte / Auricosta 23.I.1979 / Mision Cientifica Danesa.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus rostratus* Brindle, 1984.

***rotundicollis* Hincks, 1952 (*Diplatys*)**

Diplatys rotundicollis Hincks, 1952b: 19, figs 1–6.

Type material

2 ♂♂, paratypes, F3233.1307, F3233.1849; 2 ♀♀, paratypes, F3233.1308–1309; dried, mounted on card.

Locality labels

F3233.1307: Sierra Leone / Njala // 7.III.32. / Hargreaves.

F3233.1308: Njala / Sierra Leone / E. Hargreaves. / Date 24-V-26.

As F3233.1307 except dates: F3233.1309, 2 Mar. 1932; F3233.1849, 11 May 1932.

Taxonomy

Diplatyidae, Diplatyinae, *Paradiplatys rotundicollis* (Hincks, 1952).

Remarks

Transferred to *Lobodiplatys* (*Heterodiplatys*) by Steinmann (1989c: 79). The combination *Paradiplatys* (*Heterodiplatys*) (Hincks) was reinstated by Engel & Haas (2007: 19).

rotundifrons Hincks, 1954 (*Labia*)

Fig. 56

Labia rotundifrons Hincks, 1954e: 20, figs 14–15.

Type material

1 ♂, holotype, F3233.1544 (Fig. 56), dried, mounted on card.

Type locality

Ceylon: / Newara Eliya / in a garden / 6300 ft 19.8.36 / Walford.

Taxonomy

Spongiphoridae, Labiinae, *Paralabella rotundifrons* (Hincks, 1954).

Remarks

1. Transferred by Steinmann (1989b: 496).

2. The original description gives the locality as Nuwara. Newara Eliya (locality label) is a city in Central Province, Sri Lanka.

rougemonti Brindle, 1978 (*Anisolabis*)

Fig. 26

Anisolabis rougemonti Brindle, 1978: 135, figs 225–227, 270.

Type material

1 ♂, holotype, F3233.1404 (Fig. 26); 1 ♀, allotype, F3233.1405; dried, mounted on card.

Type locality

Ethiopia / Arossi Province / Sodere, VII-1971 / G. de Rougemont.

Locality label

F3233.1405: As type locality.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis rougemonti* Brindle, 1978.

Remark

The original description gives the locality as Sodare, not Sodere as on the specimen label. Arussi Province corresponds to the present day Arsi Zone of Ethiopia.

***rouxioides* Brindle, 1976 (*Brachylabis*)**

Brachylabis rouxioides Brindle, 1976b: 74, figs 9, 15, 17.

Type material

1 ♂, paratype, F3233.119, dried, mounted on pin.

Locality label

New Caledonia. / P.D. Montague. / 1918-87. Loc. Mt Mou 477 / Date 10.3.14 Sex / Coll. P.D. Montague. / New Caledonia Exped.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis rouxioides* (Brindle, 1976).

Remarks

Transferred by Steinmann (1989a: 361) as *Antisolabis rouxioides*. There are inconsistencies in the spelling of *rouxioides/rouxioides* in both Steinmann 1989a and Steinmann 1989c, each publication containing both spellings. Hopkins *et al.* (2014) has '*rouxioides*' and gives '*rouxioides*' as a synonym, but with a query. Brindle's original spelling was '*rouxioides*'.

***royi* Brindle, 1971 (*Anisolabis*)**

Anisolabis royi Brindle, 1971c: 268, figs 1–4, 8.

Type material

2 ♂♂, paratypes, F3233.1406–1407; 3 ♀♀, paratypes, F3233.1408–1410; dried, mounted on card.

Locality labels

F3233.1406–1410: Forêt Camp / 1070 m / 26. V. 1963. Mission ENS-IFAN / aux Monts Loma / Sierra Leone.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis royi* Brindle, 1971.

Remark

The original description refers to 12 paratypes at MMUE.

***rubescens* Brindle, 1973 (*Spongovostox*)**

Spongovostox rubescens Brindle, 1973f: 222, figs 296–297, 300, 306.

Type material

1 ♀, paratype, F3233.1611, dried, mounted on card.

Locality label

Bitale Kivu 1954 / R. Pierlot / RP. 48a. // Coll. R. Mayne / Com. Et. Bois Congo R. 2558.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox rubescens* Brindle, 1973.

***rudebecki* Brindle, 1969 (*Pseudovostox*)**

Pseudovostox rudebecki Brindle, 1969c: 147, figs 1–5, 9.

Type material

1 ♂, paratype, F3233.1595, dried, mounted on card.

Locality label

At light in / the evening // Afr. Angola / Vila Artur de Paiva / 5–8.X.1956 / coll. G. Rudebeck.

Taxonomy

Spongiphoridae, Geracinae, *Pseudovostox rudebecki* Brindle, 1969.

***ruficollis* Hincks, 1957 (*Brachylabis*)**

Brachylabis ruficollis Hincks, 1957b: 69, figs 29–30.

Type material

2 ♂♂, paratypes, F3233.1427–1428; 2 ♀♀, paratypes, F3233.1429–1430; dried, mounted on card.

Locality labels

F3233.1427: Salisbury S. A. / JAN. 1954 / R. M. Arnold.

F3233.1428: South Africa / Grahamstown / 28.9.49 / (R. Bigalke).

F3233.1429: Grahamstown / July 1951 / coll: V. B Brigg.

F3233.1430: Cape Province / Grahamstown / 8.1951 / C D Quickelbirg.

Taxonomy

Anisolabididae, Brachylabidinae, *Ctenisolabis ruficollis* (Hincks, 1957).

Remark

Transferred by Steinmann (1989a: 292).

***rugosa* Brindle, 1966 (*Brachylabis*)**

Brachylabis rugosa Brindle, 1966e: 38, fig. 12.

Type material

1 ♂, paratype, F3233.1476; 1 ♀, paratype, F3233.1477; dried, mounted on card.

Locality labels

F3233.1476–1477: Vest. Forêt / ombrophile / dans l'humus // Coll. Mus. Congo / Tanganyika Terr.; Bundu- / ki, Uluguru Mts., 1300 m. / 2-V-1957 // Mission Zoolog. I.R.S.A.C. / en afrique orientale / (P. Basilewsky et / N. Leleup).

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis rugosa* (Brindle, 1966).

Remark

Transferred by Steinmann (1989a: 347).

***rugosa* Brindle, 1975 (*Metresura*)**

Fig. 28

Metresura rugosa Brindle, 1975d: 84.

Type material

1 ♂, holotype, F3233.1743 (Fig. 28); 1 ♀, allotype, F3233.1744; dried, mounted on card.

Type locality

Salvador, Isalco / volcano, forest / 1200 m., foot of / Cerro Verde (Mala / Cara) Hac. Buena / Vista
26.7.1951.

Locality label

F3233.1744: As type locality.

Taxonomy

Forficulidae, Neolobophorinae, *Metresura rugosa* Brindle, 1975.

***rugosula* Hincks, 1957 (*Forficula*)**

Forficula rugosula Hincks, 1957b: 89, fig. 37.

Type material

1 ♂, paratype, F3233.1725, dried, mounted on card.

Locality label

R. Howell / Grahamstown / Aug 52.

Taxonomy

Forficulidae, Forficulinae, *Guanchia rugosula* (Hincks, 1957).

Remark

Transferred by Steinmann (1993: 557).

***rugosus* Brindle, 1971 (*Anisolabis*)**

Anisolabis rugosus Brindle, 1971c: 274, figs 16–19.

Type material

1 ♂, paratype, F3233.1411, dried, mounted on card.

Locality label

Camp à 800 m / forêt primaire / 17. V. 1963. Mission ENS-IFAN / aux Monts Loma / Sierra Leone.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis rugosa* Brindle, 1971.

Remark

Brindle (1971c: 266) refers to two paratypes at MMUE.

***rugosus* Brindle, 1975 (*Archidux*)**

Archidux rugosus Brindle, 1975b: 693.

Type material

1 ♂, paratype, F3233.1708; 1 ♀, paratype, F3233.1709; dried, mounted on card.

Locality labels

F3233.1708–1709: Tanzanie : Mts Uluguru / Kinola, for. transition / alt. 1500–1750 m. / 6–13/VI/71 // Coll. Mus. Tervuren / Mission Mts Uluguru / L. Berger, N. Leleup / J. Debecker V/VIII/71.

Taxonomy

Forficulidae, Skendylinae, *Cosmiella rugosa* (Brindle, 1975).

Remark

Transferred by Steinmann (1989c: 674).

***saegeri* Brindle, 1968 (*Nala*)**

Nala saegeri Brindle, 1968e: 21, figs 11–12.

Type material

2 ♂♂, paratypes, F3233.1495, F3233.1497; 2 ♀♀, paratypes, F3233.1496, F3233.1498; dried, mounted on card.

Locality labels

F3233.1495, F3233.1497: Congo belge, P. N. G. / Miss. H. De Saeger / K. 17, 18-iv-1950 / Réc. H. De Saeger. 432.

F3233.1496: Same data except date and number, 10 May 1950 and 504.

F3233.1498: Same data as F3233.1496 except number, 506.

Taxonomy

Labiduridae, Nalinae, *Nala saegeri* Brindle, 1968.

***salcedoi* Brindle, 1974 (*Eugerax*)**

Eugerax salcedoi Brindle, 1974b: 117, figs 9, 13.

Type material

1 ♂, paratype, F3233.1534; 1 ♀, paratype, F3233.1535; dried, mounted on card.

Locality labels

F3233.1534: Venezuela – Aragua / Rancho Grande / 1100m. 15–22.VII.74 // Col. Jon H. Soeder.
F3233.1535: Same data except date and collectors: 19.VII.73 // J. Salcedo / J. A. Clavijo.

Taxonomy

Spongiphoridae, Geracinae, *Eugerax salcedoi* Brindle, 1974.

***salvadorensis* Brindle, 1971 (*Spongiphora*)**

Spongiphora salvadorensis Brindle, 1971b: 531, figs 15, 19.

Type material

1 ♂, paratype, F3233.1600; 1 ♀, paratype, F3233.1601; dried, mounted on card.

Locality labels

F3233.1600–1601: El Salvador: Mt. / San Salvador / 4000' – 6400' / VII-8-1963. // D. Q. Cavagnaro / & M. E. Irwin / collectors.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongiphora salvadorensis* Brindle, 1971.

Remark

The original description gives the collection date as 1968 (possible misreading of 1963).

***salvazae* Burr, 1917 (*Diplatys*)**

Diplatys salvazae Burr, 1917: 57.

Type material

1 ♂, paratype, F3233.1299; 1 ♀, paratype, F3233.1300; dried, mounted on card.

Locality labels

F3233.1299–1300: Cambodia / Pnom Penh / iv 13 Vitalis. // Burr Coll. B. M. 1915 – 120.

Taxonomy

Diplatyidae, Diplatyinae, *Paradiplatys salvazae* (Burr, 1917).

Remarks

Transferred to *Lobodiplatys* (*Paradiplatys*) *salvazae* (Burr, 1917) by Steinmann (1986a: 178). The combination *Paradiplatys* (*Paradiplatys*) *salvazae* (Burr) was reinstated by Engel & Haas (2007: 20).

***schwarzi* var. *nigrinus* Brindle, 1988 (*Spongovostox*)**

Spongovostox schwarzi var. *nigrinus* Brindle, 1988: 46, 51, fig. 12.

Type material

1 paratype [gender unspecified], F3233.1866; dried, mounted on card.

Locality label

Panama, Barro / Colorado Is., S-M / light trap, ground / level 5.5.1978 / Dr Henk Wolda, STRI.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox schwarzi* (Caudell, 1907) var. *nigrinus* Brindle, 1988.

***scotti* Brindle, 1978 (*Anisolabis*)**

Anisolabis scotti Brindle, 1978: 131, figs 195–196, 260.

Type material

1 ♂, paratype, F3233.1412, dried, mounted on card, without head.

Locality label

By sifting humus under trees. Abyssinia: / Mt. Chillàlo, / forest, / circa 9,000ft. / 13.xi.1926. / Dr. H. Scott.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis scotti* Brindle, 1978.

***setulosum* Hincks, 1959 (*Echinosoma*)**

Echinosoma setulosum Hincks, 1959: 155, figs 145–147.

Type material

1 ♂, paratype, F3233.1332; 1 ♀, paratype, F3233.1333; dried, mounted on card.

Locality labels

F3233.1332: Tonkin / Than-Moi / Juni–Juli / H. Fruhstorfer / Ex Coll. Gadeau / de Kerville.

F3233.1333: Annam / Phuc-Son / Nov. Dez. / H. Fruhstorfer / Coll. Gadeau / de Kerville.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma setulosum* Hincks, 1959.

***seychellensis* Brindle, 1976 (*Brachylabis*)**

Brachylabis seychellensis Brindle, 1976a: 439, figs 1–3.

Type material

1 ♂, paratype, F3233.1431; 1 ♀, paratype, F3233.1432; dried, mounted on card.

Locality labels

F3233.1431–1432: Iles Séychelles – Mahé / Centre: Morne Blanc / forêt endémique, / 667 m 8/25. VIII.1972.

Taxonomy

Anisolabididae, Antisolabidinae, *Antisolabis seychellensis* (Brindle, 1976).

Remark

Transferred by Steinmann (1989a: 350).

***simiensis* Brindle, 1978 (*Anisolabis*)**

Anisolabis simiensis Brindle, 1978: 134, figs 231–234.

Type material

1 ♂, paratype, F3233.1413, dried, mounted on card.

Locality label

Ethiopia. c. 3000m, / Simien Mountains / between Debark and / Adesghie. 22.X.1973 / G. de Rougemont.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis simiensis* Brindle, 1978.

Remark

The original description gives the locality as ‘near Derasghie’.

***simplex* Brindle, 1966 (*Archidux*)**

Archidux simplex Brindle, 1966e: 47, figs 23–25.

Type material

2 ♂♂, paratypes, F3233.1710–1711, dried, mounted on card.

Locality labels

F3233.1710–1711: Forêt / transition, / dans l’humus // Coll. Mus. Congo / Tanganyika Terr. : Bundu- / ki, Uluguru Mts., 1500 m. / gorge Mungula 1/6-V-1957. // Mission Zoolog. I.R.S.A.C. / en Afrique orientale / (P. Basilewsky et / N. Leleup).

Taxonomy

Forficulidae, Skendylinae, *Paracosmiella simplex* (Brindle, 1966).

Remark

Transferred by Steinmann (1993: 166).

***sogai* Brindle, 1966 (*Emboros*)**

Emboros sogai Brindle, 1966g: 252, figs 58, 64.

Type material

1 ♀, paratype, F3233.1687, dried, mounted on card.

Locality label

Madagascar-Est / dct. Andapa / Anjanaharibe 1600m / IV-60 P. Soga.

Taxonomy

Forficulidae, Skendylinae, *Brachycosmiella sogai* (Brindle, 1966).

Remark

Transferred by Steinmann (1993: 165).

***solomonensis* Brindle, 1970 (*Epilandex*)**

Epilandex solomonensis Brindle, 1970f: 654, figs 9–13.

Type material

5 ♂♂, paratypes, F3233.127–131; 4 ♀♀, paratypes, F3233.132–135; dried, mounted on card.

Locality labels

F3233.127–128, F3233.130–135: Solomon Is. Guadacanal [sic] / Mt. Austen / Jan. 1966 / P. Greenslade.
F3233.129: Same data except date Sep.–Oct. 1965.

Taxonomy

Anisolabididae, Anisolabididae, *Epilandex solomonensis* Brindle, 1970.

***spicata* Brindle, 1972 (*Chaetolabia*)**

Chaetolabia spicata Brindle, 1972c: 153, fig. 14g–h.

Type material

1 ♂, paratype, F3233.618, dried, mounted on card.

Locality label

Palau: Peleliu / N. E. Coast / 28 Jan 1948 / H.S. Dybas.

Taxonomy

Spongiphoridae, Labiinae, *Chaetolabia spicata* Brindle, 1972.

***spiculifera* Brindle, 1977 (*Parasparatta*)**

Parasparatta spiculifera Brindle, 1977b: 116, fig. 20.

Type material

1 ♂, paratype, F3233.1524, dried, mounted on card.

Locality label

Venezuela Aragua / Rancho Grande / 1100 m 11.I.75.

Taxonomy

Spongiphoridae, Sparattinae, Sparattini, *Sparatta spiculifera* (Brindle, 1977).

Remark

Transferred by Steinmann (1989b: 155).

***spinosa* Brindle, 1966 (*Allodahlia*)**

Allodahlia spinosa Brindle, 1966h: 444, figs 7–9, 11–12.

Type material

1 ♂, paratype, F3233.1696, dried, mounted on card.

Locality label

Pt Bango / Mindanao.

Taxonomy

Forficulidae, Allodahliinae, *Allodahlia ancylura* (Dohrn, 1865).

Remark

Allodahlia spinosa Brindle, 1966 was synonymised with *Allodahlia ancylura* (Dohrn, 1865) by Brindle (1972b: 29).

***srivastavai* Brindle, 1981 (*Capralabia*)**

Capralabia srivastavai Brindle, 1981: 79.

Type material

1 ♂, paratype, F3233.1438, dried, mounted on card.

Locality label

Panama, Barro / Colorado Is., S-M / light trap, ground / level / 14.11.1978 / Dr. Henk Wolda, STRI.

Taxonomy

Anisolabididae, Anisolabidinae, *Capralabis srivastavai* Brindle, 1981.

Remark

The genus is named *Capralabia* in the original description.

***steinmanni* Brindle, 1981 (*Capralabis*)**

Capralabis steinmanni Brindle, 1981: 80.

Type material

1 ♀, paratype, F3233.1439, dried, mounted on card.

Locality label

Venezuela Ara- / gua, El Limon. / 450 m 13-IX-1978.

Taxonomy

Anisolabididae, Anisolabidinae, *Capralabis steinmanni* Brindle, 1981.

Remark

The original description refers to a second female paratype at MMUE.

***stemmleri* Brindle, 1975 (*Diplatys*)**

Diplatys stemmleri Brindle, 1975c: 10, figs 4–6.

Type material

1 ♂, paratype, F3233.1310, dried, mounted on card.

Locality label

21 km O Wangdi / Phodr. 1700 – 2000 / Nat.-Hist. Museum / Basel – Bhutan / Expedition 1972.

Taxonomy

Diplatyidae, Diplatyinae, *Haplodiplatys stemmleri* (Brindle, 1975).

Remarks

1. Transferred by Steinmann (1982a: 211).
2. The original description gives the locality as Wangdiphodrang and the date as 15 Jun. 1972.

***straeleni* Hincks, 1955 (*Apolabis*)**

Apolabis straeleni Hincks, 1955b: 7, figs 1–2.

Type material

1 ♂, paratype, F3233.1414; 1 ♀, paratype, F3233.1315; dried, mounted on card.

Locality labels

F3233.1414: Congo belge : P.N.U. / Kaswabilenga (r. Dr. Lufira) / (700 m.) 6–9-x-1947 / Mis. G. F. De Witte. 805a.

F3233.1415: Same data except date, 18–23 Sep. 1947, and number, 769a.

Taxonomy

Anisolabididae, Anisolabidinae, *Anisolabis straeleni* (Hincks, 1955).

Remarks

1. Transferred by Brindle (1978: 96).
2. Index card entry: Africa, Zaire, Kaswabilenga, Upemba Nat. Park.

***submetallica* Brindle, 1966 (*Brachylabis*)**

Brachylabis submetallica Brindle, 1966e: 40, figs 8, 14.

Type material

1 ♂, paratype, F3233.1478; 1 ♀, paratype, F3233.1479; dried, mounted on card.

Locality labels

F3233.1478–1479: Récolté dans / racines / de roseaux // I.R.S.A.C. Mus. Congo / Kivu : Terr. Uvira / Rives L. Tanganika / 14-II-1952 / N. Leleup.

Taxonomy

Anisolabididae, Brachylabidinae, *Metisolabis submetallica* (Brindle, 1966).

Remark

Transferred by Steinmann (1989a: 282).

***sumatrana* Brindle, 1965 (*Allostethella*)**

Allostethella sumatrana Brindle, 1965: 591, figs 3, 10, 20.

Type material

1 ♀, paratype, F3233.1490, dried, mounted on card.

Locality label

Sumatra's O K / Sibolangit.

Taxonomy

Labiduridae, Allostethinae, *Allostethella sumatrana* Brindle, 1965.

***sumatrana* Borelli, 1927 (*Chaetospania*)**

Chaetospania sumatrana Borelli, 1927: 71, figs 1–3.

Type material

3 ♂♂, 3 ♀♀, syntypes, F3233.1519, dried, mounted on card.

Locality label

Gunung Singgalang / Sumatra's Westkust / M. 192 / leg. E. Jacobson.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania sumatrana* Borelli, 1927.

***surinamensis* Brindle, 1968 (*Larex*)**

Larex surinamensis Brindle, 1968g: 34, figs 28–29.

Type material

1 ♂, paratype, F3233.1554, dried, mounted on card.

Locality label

Mus. Leiden / D. C. Geyskes. / Waremapau / 1-VIII-1939.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava surinamensis* (Brindle, 1968).

Remarks

1. Transferred by Brindle (1971b: 562).
2. Index card entry: Surinam.
3. The locality is given as Waremapan in the original description, not Waremapau (locality label). (Waremapan Kreek, Sipaliwini, is in the southeastern corner of Suriname.)

***sutteri* Hincks, 1954 (*Labia*)**

Labia sutteri Hincks, 1954e: 17, figs 8–11.

Type material

1 ♂, paratype, F3233.668; 1 ♀, paratype, F3233.667; dried, mounted on card.

Locality labels

F3233.667–668: O. Sumba / Mau Marru / 19.7.1949 / Buhler & Sutter.

Taxonomy

Spongiphoridae, Labiinae, *Paralabella sutteri* (Hincks, 1954).

Remark

Transferred by Steinmann (1989b: 488).

***tanganyikae* Brindle, 1964 (*Gelotolabis*)**

Fig. 21

Gelotolabis tanganyikae Brindle, 1964: 754, figs 1–2, 15.

Type material

1 ♂, holotype, F3233.1416 (Fig. 21); 3 ♀♀, paratypes, F3233.1317–1319; dried, mounted on card.

Type locality

Njombe / 6000–6500 ft. / Tanganyika / I.II.1957 W. P.

Locality labels

As type locality except date: F3233.1317–1318, 26 Feb. 1957; F3233.1319, 21 Aug. 1952, Dr W. Peters.

Taxonomy

Anisolabididae, Anisolabidinae, *Gonolabis tanganyikae* (Brindle, 1964).

Remarks

1. Transferred by Steinmann (1978: 193).
2. The date of the holotype does not match that given for the material examined by Brindle in the original description, i.e., ‘26.ii.57 (holotype, allotype)’, although the rest of the locality data matches. There is no reference to female paratypes examined except the allotype. The female specimens F3233.1317–1319 have ‘Paratype’ on Brindle’s determination labels.

***taurinus* Brindle, 1982 (*Diplatys*)**

Diplatys taurinus Brindle, 1982b: 163, figs 4–5.

Type material

1 ♀, paratype, F3233.1314, dried, mounted on card.

Locality label

Tanzania / E. Usambara Mts. / Amani 1000m / 20.VII. 1980.

Taxonomy

Diplatyidae, Diplatyinae, *Diplatys taurinus* Brindle, 1982.

***tenebrosus* Brindle, 1968 (*Hamaxas*)**

Hamaxas tenebrosus Brindle, 1968h: 546, figs 15, 23.

Type material

1 ♂, paratype, F3233.1677; 1 paratype (gender unspecified), F3233.1678; dried, mounted on card.

Locality labels

F3233.1677–1678: Dapa / Siargao.

Taxonomy

Chelisochidae, Chelisochinae, *Hamaxas tenebrosus* Brindle, 1968.

Remark

The original description refers only to the holotype, allotype and one male paratype, and states that holotype and allotype are in the Riksmuseum, Stockholm.

***tibetanus* Hincks, 1955 (*Diplatys*)**

Diplatys tibetanus Hincks, 1955a: 76, figs 81–83.

Type material

1 ♂, paratype, F3233.1306; 1 ♀, paratype, F3233.1311; dried, mounted on pin.

Locality labels

F3233.1306, F3233.1311: Tibet: / Rongshar Valley. / 9,500ft. 25.vi.1924. / Maj. R. W. G. Hingston.

Taxonomy

Diplatyidae, Diplatyinae, *Haplodiplatys tibetanus* (Hincks, 1955).

Remarks

1. Transferred by Steinmann (1974: 204).
2. The original description has the date 24 Jun. 1924, not 25 Jun. 1924. Both specimens have the word 'Paratype' on Hincks' determination labels.

***tibialis* Hincks, 1953 (*Chaetospania*)**

Chaetospania tibialis Hincks, 1953: 371, figs 10–12.

Type material

1 ♂, paratype, F3233.1525, dried, mounted on card.

Locality label

Madagascar C. / Périnet 8.46 / Prof. J. Millot.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania tibialis* Hincks, 1953.

***tigrina* Brindle, 1967 (*Echinosoma*)**

Echinosoma tigrina Brindle, 1967b: 155, figs 18–21.

Type material

1 ♂, paratype, F3233.87; 1 ♀, paratype, F3233.88; dried, mounted on pin.

Locality labels

F3233.87–88: Long / Navang / O. Borneo / Mjöberg.

Taxonomy

Pygidicranidae, Echinosomatinae, *Echinosoma tigrina* Brindle, 1967.

***townesi* Brindle, 1979 (*Marava*)**

Marava townesi Brindle, 1979: 152, fig. 2.

Type material

1 ♂, paratype, F3233.1555, dried, mounted on card.

Locality label

Guatemala / 37 16 56 / Primavera logs / under bark / N.Y. Jan. 18, 1937.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava townesi* Brindle, 1979.

***transversa* Brindle, 1978 (*Isolabis*)**

Isolabis transversa Brindle, 1978: 41, figs 35–36.

Type material

1 ♂, paratype, F3233.1480, dried, mounted on card.

Locality label

Ilot for. maréc. / avec Pandanus // I.R.S.A.C.-Mus. Congo / Kwango: terr. De Feshi, / rive dr. Kwenge IV-1959 / B. 78 Mme J. Leleup.

Taxonomy

Anisolabididae, Isolabidinae, *Isolabis transversa* Brindle, 1978.

Remark

The original description gives the date as Mar. 1959, not Apr. 1959 (locality label).

***triangulata* Hincks, 1950 (*Forficula*)**

Forficula triangulata Hincks, 1950a: 180, figs 3–4.

Type material

2 ♂♂, paratypes, F3233.1726–1727; 1 ♀, paratype, F3233.1728; dried, mounted on card.

Locality labels

F3233.1726–1728: Kilimanjaro T.T. / 14,500 ft. / 27.X.48 Dr. G. Salt. // Under & beside stones on saddle.

Taxonomy

Forficulidae, Forficulinae, *Guanchia triangulata* (Hincks, 1950).

Remark

Transferred by Steinmann (1993: 561).

***triangulatus* Brindle, 1987 (*Haplodiplatys*)**

Haplodiplatys triangulatus Brindle, 1987: 335, figs 1–3.

Type material

1 ♂, paratype, F3233.1315, dried, mounted on card.

Locality label

E. Nepal: / Arun Valley / VI-15-1954 / 7,000 ft. L. Swan.

Taxonomy

Diplatyidae, Diplatyinae, *Haplodiplatys triangulatus* Brindle, 1987.

***trinodosa* Brindle, 1967 (*Gonolabina*)**

Fig. 23

Gonolabina trinodosa Brindle, 1967c: 9, figs 2, 4.

Type material

1 ♂, holotype, F3233.1454 (Fig. 23), dried, mounted on card. 1 ♀, allotype, F3233.1455, dried, mounted on pin.

Type locality

Tragadero / (cerca Jauja) / 3500 m / 3.IV.49 / Coll. Blancas

Locality label

F3233.1455: Acolla (cerca / Jauja) 3460 m / VIII.49 / Coll: F. Blancas.

Taxonomy

Anisolabididae, Gonolabininae, *Gonolabina trinodosa* Brindle, 1967.

Remark

The original description has the altitude 3600 m for the allotype, not 3460 m.

***trinodosa* Brindle, 1977 (*Pygidicrana*)**

Pygidicrana trinodosa Brindle, 1977b: 111, figs 1–3.

Type material

1 ♂, paratype, F3233.1319, dried, mounted on card.

Locality label

Curimagua / Venezuela, Falcon / 16.VIII.1975 / R. E. Dietz. / Leg.

Taxonomy

Pygidicranidae, Pygidicraninae, *Pygidicrana trinodosa* Brindle, 1977.

Remark

The original description has the date 16 Dec. 1975, not 16 Aug. 1975.

***trituberculatus* Brindle, 1971 (*Purex*)**

Purex trituberculatus Brindle, 1971a: 171, fig. 24.

Type material

1 ♂, paratype, F3233.1598, dried, mounted on pin.

Locality label

Venezuela: Ar. / Rancho Grande / 1100m 16–23.X.66.

Taxonomy

Spongiphoridae, Spongiphorinae, *Purex sinuatus* Brindle, 1971.

Remark

Purex trituberculatus Brindle, 1971 was synonymised with *P. sinuatus* Brindle, 1971 by Brindle (1977b: 119).

***trituberculatus* Brindle, 1973 (*Spongovostox*)**

Spongovostox trituberculatus Brindle, 1973f: 186, figs 249, 256.

Type material

1 ♂, paratype, F3233.1612, dried, mounted on card.

Locality label

Coll. Mus. Congo / Kivu : Sanghe, Pl. De / Ruzizi (A la lumière) / XII-1951 / H. Bomans.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox trituberculatus* Brindle, 1973.

***truncata* Brindle, 1978 (*Euborellia*)**

Euborellia truncata Brindle, 1978: 175, figs 291, 322.

Type material

1 ♂, paratype, F3233.1442; 1 ♀, paratype, F3233.1443; dried, mounted on pin.

Locality labels

F3233.1442–1443: Uganda. / Entebbe. / v – vi 1912 / Mrs. Gowdey.

Taxonomy

Anisolabididae, Anisolabidinae, *Euborellia truncata* Brindle, 1978.

***tuberculata* Hincks, 1958 (*Isolaboides*)**

Isolaboides tuberculata Hincks, 1958b: 133, figs 1–2.

Type material

1 ♂, paratype, F3233.1484, dried, mounted on card.

Locality label

Liban: Les Cedres / Coiffait. 28.IX. / Museum Paris.

Taxonomy

Spongiphoridae, Isolaboidinae, *Isolaboides tuberculata* Hincks, 1958.

Remark

Index card entry: Lebanon.

***tuberosa* Brindle, 1970 (*Sphingolabis*)**

Sphingolabis tuberosa Brindle, 1970f: 678, figs 47–49.

Type material

1 ♂, paratype, F3233.695, dried, mounted on card.

Locality label

Solomon Is. / Guadalcanal [sic] / Popamansiu / 25. X. 1965 / P. Greenslade.

Taxonomy

Spongiphoridae, Labiinae, *Sphingolabis tuberosa* Brindle, 1970.

***umbrosa* Brindle, 1964 (*Gelotolabis*)**

Fig. 20

Gelotolabis umbrosa Brindle, 1964: 752, figs 5, 13.

Type material

1 ♂, holotype, F3233.1420 (Fig. 20); 1 ♂, paratype, F3233.1421; dried, mounted on pin.

Type locality

Tanganyika / Nachingwea / Southern Prov. / IX. 53 – III. 54 / V. F. Eastop.

Locality label

F3233.1421: As type locality.

Taxonomy

Anisolabididae, Anisolabidinae, *Gonolabis umbrosa* (Brindle, 1964).

Remark

Transferred by Steinmann (1978: 195).

***uncinata* Brindle, 1978 (*Anisolabis*)**

Anisolabis uncinata Brindle, 1978: 88, figs 110–112, 236.

Type material

1 ♂, paratype, F3233.1422, dried, mounted on card.

Locality label

Biot. No 15 / marais boisés / avec Pandanus. I.R.S.A.C. – Mus. Congo / Kivu : Mwenga / 1250 m. 24-IV-1958 / B.15 N. Leleup.

Taxonomy

Anisolabididae, Anisolabidinae, *Flexiolabis uncinata* (Brindle, 1978).

Remark

Transferred by Steinmann (1989a: 35).

***unicolor* Brindle, 1975 (*Brachylabis*)**

Brachylabis unicolor Brindle, 1975b: 684, figs 1–2.

Type material

1 ♂, paratype, F3233.1481; 1 ♀, paratype, F3233.1482; dried, mounted on card.

Locality labels

F3233.1481: Tanzanie: Mts Uluguru / Kimboza for. héliophile / alt. 600m 24–30/VII/71 // Coll. Mus. Tervuran / Mission Mts Uluguru / L. Berger, N. Leleup / J. Debecker V/VIII/71.

F3233.1482: Tanzanie: Mts Uluguru / Chenzema, alt. 1700m. / 2–22/VII/71 // Coll. Mus. Tervuran / Mission Mts Uluguru / L. Berger, N. Leleup / J. Debecker V/VIII/71.

Taxonomy

Anisolabididae, Isolabidinae, *Isolabis unicolor* (Brindle, 1975).

Remarks

1. Transferred by Brindle (1978: 44).
2. The original description states that all paratypes have the locality Kimboza, as for F3233.1481. The locality data on the label of the female (F3233.1482) corresponds exactly to the allotype data in the description.

***unicolor* Brindle, 1966 (*Emboros*)**

Emboros unicolor Brindle, 1966g: 255, figs 62, 65, 69.

Type material

4 ♀♀, paratypes, F3233.1688–1691, dried, mounted on card.

Locality labels

F3233.1688–1691: Madagascar-Est / dct. Sambava / R. N. XII / Marojejy-Ouest 1140m / XI-59 P. Soga.

Taxonomy

Forficulidae, Skendylinae, *Cosmiella unicolor* (Brindle, 1966).

Remark

Transferred by Steinmann (1989c: 675).

***vansomereni* Brindle, 1969 (*Chaetospania*)**

Chaetospania vansomereni Brindle, 1969a: 98, figs 1–2.

Type material

2 ♂♂, paratypes, F3233.1526–1527; 2 ♀♀, paratypes, F3233.1528–1529; dried, mounted on card.

Locality labels

F3233.1526–1529: Van Someren / Meru, 7/43.

Taxonomy

Spongiphoridae, Sparattinae, Chaetospaniini, *Chaetospania vansomereni* Brindle, 1969.

Remark

Index card entry: Tanzania.

***variabilis* Brindle, 1973 (*Mixocosmia*)**

Mixocosmia variabilis Brindle, 1973b: 50, figs 1–3.

Type material

12 ♂♂, paratypes, F3233.1758–1769; 8 ♀♀, paratypes, F3233.1770–1777; dried, mounted on card except: F3233.1759, 1762–1763, 1766, 1769–1770, 1772–1773; dried, mounted on pin.

Locality labels

F3233.1762: Venezuela - Aragua / Rancho Grande / 1100m. 10-VIII-69 // J. A. Clavijo / col.
Same data except date: F3233.1765, 11 Aug. 1969; F3233.1759, 20 Aug. 1969; F3233.1758, F3233.1773, 27 Aug. 1969.
Same data except date and collector: F3233.1770, 30-VII-69 // J. Salcedo / J. A. Clavijo; F3233.1766, 5-IX-69 // J. Salcedo / J. A. Clavijo; F3233.1768, 16.V.70 // F. Fernandez Y. / J. A. Clavijo; F3233.1772, 14-VIII-49 // F. Fernandez Y. / - P Fenjues; F3233.1763, 20.VIII.69 // F. Fernandez Y. / C. J. Rosales / Cols; F3233.1771, 7.XI.55 // F. Fernandez Y. / C. J. Rosales / Cols; F3233.1761: [9?].VI.55 // F. Fernandez Y. / C. J. Rosales / Cols; F3233.1760, 4-IV-51 / C. J. Rosales; F3233.1767, F3233.1769,

F3233.1774–1777, 17.XI.1968 / H. Reichardt col; F3233.1764, as F3233.1768 except 21.V.71 // En la / Luz.

Taxonomy

Forficulidae, Skendylinae, *Mixocosmia variabilis* Brindle, 1973.

Remarks

1. Steinmann (1989c) and Hopkins *et al.* (2014) have Brindle's original name as *Kleter variabilis* and so have the current name as *Mixocosmia variabilis* (Brindle, 1973); however, Brindle's original description names the new species *Mixocosmia variabilis*, not *Kleter*.
2. The number of paratypes does not match that stated in the original description, i.e., of 36 male and 62 female paratypes with the same data as the holotype (dates ranging from 30 Apr. 1969 to 26 May 1971) mentioned in the description, 11 male and 14 female paratypes were at MMUE, not 12 males and 8 females.

variabilis egoloensis Brindle, 1970 (*Auchenomus*)

Auchenomus variabilis egoloensis Brindle, 1970f: 667, figs 23–24.

Type material

1 ♂, paratype, F3233.559; 1 ♀, paratype, F3233.560; dried, mounted on card.

Locality labels

F3233.559–560: Solomon Is. / New Georgia Group / nr. Egolo 1–25 m. / 16-VII-1959.

Taxonomy

Spongiphoridae, Sparattinae, Auchenomini, *Auchenomus variabilis egoloensis* Brindle, 1970.

variabilis guadalcanalensis Brindle, 1970 (*Auchenomus*)

Fig. 49

Auchenomus variabilis guadalcanalensis Brindle, 1970f: 668, figs 25–26.

Type material

1 ♂, holotype, F3233.557 (Fig. 49); 1 ♀, allotype, F3233.558; dried, mounted on card.

Type locality

Solomon Is. / Guadalcanal / Rua Vata / 21:xi:1954 / E S Brown.

Locality label

F3233.558: As type locality.

Taxonomy

Spongiphoridae, Sparattinae, Auchenomini, *Auchenomus variabilis guadalcanalensis* Brindle, 1970.

variegatus Hincks, 1957 (*Blandex*)

Blandex variegatus Hincks, 1957b: 45, figs 7–10.

Type material

1 ♂, paratype F3233.1338, dried, mounted on card.

Locality label

S. Afr. Cape Prov. / Cape Point / Nature Reserv / 24.X.50 No. 15. Swedish South Africa / Expedition / 1950–1951 / Brinck-Rudebeck.

Taxonomy

Pygidicranidae, Blandicinae, *Blandex variegatus* Hincks, 1957.

***venezuelica* Brindle, 1977 (*Marava*)**

Marava venezuelica Brindle, 1977b: 123, figs 25–26.

Type material

1 ♂, paratype, F3233.1556; 1 ♀, paratype, F3233.1557; dried, mounted on card.

Locality labels

F3233.1556: Venezuela Aragua / Rancho Grande / 1100 m. 16.VIII.74.

F3233.1557: Same data except date 4 Aug. 1974.

Taxonomy

Spongiphoridae, Spongiphorinae, *Marava venezuelica* Brindle, 1977.

Remark

The original description gives the date for the male paratype (F3233.1556) as 2 Aug. 1974, not 16 Aug. 1974.

***venezuelica* Brindle, 1982 (*Yepezia*)**

Yepezia venezuelica Brindle, 1982a: 38, figs 7–11.

Type material

1 ♂, paratype, F3233.1636, dried, mounted on card, without head.

Locality label

Güigüe / Venezuela - Cara- / bobo m. / 23.II.1968. // J. & B. Bechyne / leg.

Taxonomy

Spongiphoridae, Geracinae, *Yepezia venezuelica* Brindle, 1982.

***venezuelicum* Brindle, 1974 (*Barygerax*)**

Barygerax venezuelicum Brindle, 1974b: 114, figs 5–8.

Type material

2 ♂♂, paratypes, F3233.1502–1503; 2 ♀♀, paratypes, F3233.1504–1505; dried, mounted on card.

Locality labels

F3233.1502: Venezuela – Aragua / Rancho Grande / 1100 m. 25-VII-69. // J. Salcedo / col. // Venezuela Inst. / Zool. Agricola - / Fac. Agronomia / Univ. Central.

Same data except date: F3233.1503, 30 Jul. 1969; F3233.1504, 10 Aug. 1969; F3233.1505, 25 Mar. 1971.

Taxonomy

Spongiphoridae, Geracinae, *Barygerax venezuelicum* Brindle, 1974.

Remarks

1. The original description has the date 30 Aug. 1969 for the specimen corresponding to F3233.1503, not 30 Jul. 1969.
2. There are two male and two female paratypes at MMUE, not three males and one female as in the description.

venezuelicus Brindle, 1973 (*Kleter*)

Kleter venezuelicus Brindle, 1973b: 49, figs 5–6.

Type material

1 ♂, paratype, F3233.1736; 2 ♀♀, paratypes, F3233.1737–1738; dried, mounted on card.

Locality labels

F3233.1736: Venezuela - Ara- / gua- El Limon. / 450m. 22-I-70. // En Pseudo tallos de camburusados / como trampa. // col. P. Bolivar.

F3233.1737: Venezuela - Ara- / gua – Maracay / 450m. 19-I-70. // En tramp / de cambur. // col. P. Bolivar.

F3233.1738: Venezuela - Cara- / bobo - Mariara / 30-I-1970. // Trampa / de Luz.

Taxonomy

Forficulidae, Skendylinae, *Hypocosmiella venezuelica* (Brindle, 1973).

Remarks

Transferred by Steinmann (1993: 184). Not listed in Hopkins *et al.* (2014).

vittipennis Hincks, 1955 (*Cranopygia*)

Cranopygia vittipennis Hincks, 1955c: 820, figs 13–14.

Type material

1 ♂, paratype, F3233.1317, dried, mounted on card.

Locality label

S. India: S. Coorg / Ammatti 3100 ft. / 3.XI.52 under bark / P.S. Nathan.

Taxonomy

Pygidicranidae, Pygidicraninae, *Acrania vittipennis* (Hincks, 1955).

Remarks

Cranopygia vittipennis Hincks was transferred to *Epicranopygia* by Steinmann (1986b: 271). The species was transferred to *Acrania* Burr by Engel & Haas (2007: 19).

***weidneri* Brindle, 1966 (*Esphalmenus*)**

Esphalmenus weidneri Brindle, 1966f: 128, figs 9, 11–12.

Type material

1 ♀, paratype, F3233.1365, dried, mounted on card.

Locality label

Probably near / Santiago / Chile / Dr. G. Rahm.

Taxonomy

Pygidicranidae, Esphalmeninae, *Esphalmenus weidneri* Brindle, 1966.

***wittei* Hincks, 1955 (*Diaperasticus*)**

Diaperasticus wittei Hincks, 1955b: 12, figs 4–5.

Type material

1 ♂, paratype, F3233.1713; 1 ♀, paratype, F3233.1714; dried, mounted on card.

Locality labels

F3233.1713: Congo belge: P. N. U. / Lusinga (1760 m.) / 18-vii 1947 / Mis. G. F. De Witte. 604a.
F3233.1714: Congo belge : P. N. U. / Kalule N. r. g. Face Mujinga- / Kalenge (1050m.) 28-II-3-III-49 / Mis. G. F. De Witte. 2399a.

Taxonomy

Forficulidae, Diaperasticinae, *Diaperasticus wittei* Hincks, 1955.

***wittmeri* Brindle, 1975 (*Irdex*)**

Irdex wittmeri Brindle, 1975c: 28, figs 24–25.

Type material

2 ♂♂, paratypes, F3233.1536–1537; 2 ♀♀, paratypes, F3233.1538–1539; dried, mounted on card.

Locality labels

F3233.1536: Wangdi Phodrang / 1300m Darju La. // Nat.-Hist. Museum / Basel – Bhutan / Expedition 1972.
F3233.1537–1538: Km 87 von / Phuntsholing 22/5 / 1680m. Nat.-Hist. Museum / Basel – Bhutan / Expedition 1972.
F3233.1539: 21 km O Wangdi / Phodr. 1700–2000. Nat.-Hist. Museum / Basel – Bhutan / Expedition 1972.

Taxonomy

Spongiphoridae, Spongiphorinae, *Irdex wittmeri* Brindle, 1975.

***woldai* Brindle, 1988 (*Mixocosmia*)**

Mixocosmia woldai Brindle, 1988: 55, figs 25–27.

Type material

1 ♂, paratype, F3233.1757; 2 ♀♀, paratypes, F3233.1755–1756; dried, mounted on card.

Locality labels

F3233.1755–1756: Panama, Fortuna / Wet forest / at light, 1050m / 29.6.1979 / Dr. Henk Wolda, STRI.
F3233.1757: Same data except date 25 Sep. 1978.

Taxonomy

Forficulidae, Skendylinae, *Mixocosmia woldai* Brindle, 1988.

***wuermlii* Brindle, 1975 (*Spongovostox*)**

Spongovostox wuermlii Brindle, 1975c: 33, figs 33–34.

Type material

1 ♂, paratype, F3233.1613, dried, mounted on card.

Locality label

km 87 von 1680 m / Phuntsholing 22/5. // Basel-Bhutan / Expedition 1972.

Taxonomy

Spongiphoridae, Spongiphorinae, *Spongovostox wuermlii* Brindle, 1975.

***yepesi* Brindle, 1974 (*Cylindrogaster*)**

Cylindrogaster yepesi Brindle, 1974b: 108, figs 1–2.

Type material

1 ♂, paratype, F3233.1312, dried, mounted on pin.

Locality label

Venezuela – Aragua / Rancho Grande / 1100m 27.III.67 / C. J. Rosales J. Salcedo.

Taxonomy

Pygidicranidae, Cylindrogastrinae, *Cylindrogaster yepesi* Brindle, 1974.

Other Material: Specimens carrying a type label, but for which no description has been found

These taxa are not listed in Steinmann (1989c) or Hopkins *et al.* (2014) and the present author has been unable to locate any published descriptions. Thus, these species names seem to represent unpublished ‘manuscript names’ only.

***flavolineata* Brindle (*Tagalina*) MS**

Figs 62–63

Type material

1 ♂, paratype, F3233.1864 (Fig. 62), dried, mounted on pin.

Locality label

Museum Leiden / Nieuw Guinea Exp K.N.A.G. 1939 / Araboebirak 11-x-1939.

Determination label

Manchester Museum Paratype // *Tagalina* ♂ / *flavolineata* Brindle / det. A. Brindle 1980 / paratype.

Taxonomy

Pygidicranidae, Pygidicranidae, *Tagalina*.

Remarks

Found recently in a box separate from the collection. A note written by A. Brindle pinned next to the specimen reads “*Tagalina flavolineata* n. sp. (paratype for Manchester) (holotype in Leiden). Not yet described (paper not written)” (Fig. 63).

The holotype and allotype have been confirmed to be at the Naturalis Biodiversity Center, Leiden (L. Willemse, pers. comm.), labelled *Tagalina flavolineata* and bearing Brindle’s determination label.

***rossi* Hincks (*Carcinophora*) MS**

Fig. 61

Type material

1 ♂, paratype, F3233.1848 (Fig. 61), dried, mounted on pin.

Locality label

PERU: 43 mi. E. / Tingo Maria / 1200 m. XI.18.54. // E. I. Sehlinger / & E. S. Ross / collectors.

Determination label

Carcinophora / *rossi* Hincks / TYPE ♂ / det. W. D. Hincks // MS name.

Taxonomy

Anisolabididae, Anisolabidinae, *Carcinophora*.

***spatulus* Brindle (*Nesogaster*)**

Fig. 59

Type material

1 ♀, paratype, F3233.548 (Fig. 59), dried, mounted on card

Locality label

Fiji, Vanua Levu / Nandrau / 9.10.1977 / G. Kuschel.

Determination label

Nesogaster ♀, / spatulus Brindle / det. A. Brindle 1983 / paratype.

Taxonomy

Spongiphoridae, Nesogastrinae, *Nesogaster*.

Remarks

This species is fully described in a typewritten manuscript in the Brindle archive, item 65 (Brindle & Maddison: date not known [unpublished?]), as '*N. spatulus* sp. n. NZAC Endemic' [NZAC = New Zealand Arthropod Collection]. The label data matches the described material exactly.

subcarinata Brindle (*Metalabis*) MS

Fig. 60

Type material

1 ♂, holotype, F3233.1834 (Fig. 60), dried, mounted on card.

Type locality

Brokopondo / Surinam / 20.IX.1963.

Taxonomy

Anisolabididae, Anisolabidinae, *Metalabis*.



Figs 59–63. Other material, presumed manuscript names, in the collection of the Manchester Museum. 59. *Nesogaster spatulus* Brindle (det. 1983). 60. *Metalabis subcarinata* Brindle (det. 1987). 61. *Carcinophora rossi* Hincks (no date). 62. *Tagalina flavolineata* Brindle (det. 1980). 63. Brindle's handwritten label for the *Tagalina flavolineata* specimen (Fig. 62). Scale bars = 1 cm.

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**Appendix I: Correspondence in the Hincks Archive relating to
Dermaptera, the Manchester Museum**

Ordered alphabetically by correspondent, then date.

Item No.	From	Date	No. of pages
387	G. Bey-Bienko	24 Jan. 1937	postcard
90	G. Bey-Bienko	17 Mar. 1937	1
72	Alfredo Borelli, Torino	16 Feb. 1933	1
52	M. Burr, Maidenhead	24 Jan. 1933	2
54	M. Burr, Maidenhead	02 Feb. 1933	3
55	M. Burr, Maidenhead	09 Feb. 1933	1
53	M. Burr, Maidenhead	22 Feb. 1933	1
51	M. Burr, Maidenhead	21 Jan. 1934	1
57	M. Burr, Maidenhead	24 Apr. 1934	1
49	M. Burr, Maidenhead	23 Oct. 1934	1
50	M. Burr, Maidenhead	25 Nov. 1934	1
79	M. Burr, Windsor	23 Mar. 1935	1
62	M. Burr	30 Mar. 1935	1
63	M. Burr, Windsor	13 May 1935	3
64	M. Burr, Windsor	02 Oct. 1935	1
66	M. Burr, Windsor	07 Oct. 1935	1
67	M. Burr, Windsor	31 Oct. 1935	1
74	M. Burr, enclosing letter from O. Piel, Shanghai	10 Nov. 1935	2, 1
68	M. Burr, Windsor	12 Nov. 1935	1
77	M. Burr, Maidenhead	30 Jan. 1936	2
80	M. Burr, Windsor	14 Feb. 1936	2
82	M. Burr, Windsor	07 Mar. 1936	3
86	M. Burr, Windsor	26 Sep. 1936	2
87	M. Burr, Windsor	17 Dec. 1936	1
88	M. Burr, Windsor	06 Jan. 1937	1
96	M. Burr, Windsor	11 Mar. 1937	1 + 3 photos
99	M. Burr, Worthing	13 Jun. 1938	2
103	M. Burr, Worthing	14 Jul. 1938	1
109	M. Burr, Worthing	28 Aug. 1938	1
110	M. Burr, Worthing	15 Nov. 1938	1
120	M. Burr to N.D. Riley, Natural History Museum	15 Nov. 1938	1
111	M. Burr, Worthing	17 Nov. 1938	1
69	M. Burr, Windsor	04 May 1939	3
43	M. Burr, Istanbul	19 Dec. 1948	1
42	M. Burr, Istanbul	10 Sep. 1950	1
41	M. Burr, Istanbul, W.D. Hincks	08 Oct. 1951, 12 Dec. 1951	1, 1

Appendix I, continued

Item No.	From	Date	No. of pages
389	Unknown person [M. Burr?]	No date	postcard
390	Fritz Carpentier	15 Sep. 1936	postcard
276	Lucien Chopard, Muséum National d'Histoire Naturelle Entomologie, Paris	10 Feb. 1960	1
275	W.D. Hincks to L. Chopard	07 Mar. 1960	1
274	Lucien Chopard, Muséum National d'Histoire Naturelle Entomologie, Paris	15 Mar. 1960	1
271	Lucien Chopard, Muséum National d'Histoire Naturelle Entomologie, Paris	30 Nov. 1960	1
272	W.D. Hincks to L. Chopard	05 Dec. 1960	1
268	Lucien Chopard, Muséum National d'Histoire Naturelle Entomologie, Paris	16 Jan. 1961	1
269	W.D. Hincks to L. Chopard	25 Jan. 1961	1
39	Ashley B. Gurney, Divn. of Insect Identification, US Dept of Agriculture, Washington	03 May 1950	1
38	Ashley B. Gurney, Divn. of Insect Identification, US Dept of Agriculture, Washington	27 Mar. 1951	3
125	Ashley B. Gurney, Divn. of Insect Identification, US Dept of Agriculture, Washington	06 Sep. 1960	3
127	[Probably Ashley B. Gurney, Divn. of Insect Identification, US Dept of Agriculture, Washington]	06 Sep. 1960	1
128	[Probably W.D. Hincks to Ashley B. Gurney]	29 Sep. 1960	1
40	Kenneth J. Hayward, Director, Instituto de Entomología, Tucumán, Argentina	29 Nov. 1949	3
247	W.D. Hincks to Colin Johnson	31 Aug. 1960	1
239	W.D. Hincks to P.V. Joshi	20 Oct. 1960	1
237	P.V. Joshi, Dept. of Zoology, N. Wadia College, Poona, India	31 Oct. 1960	1
283	Dr. A.P. Kapur, Officer in Charge, Entomology Secn., Zoological Survey of India, Calcutta	26 Nov. 1959	1
280	Dr. A.P. Kapur, Officer in Charge, Entomology Secn., Zoological Survey of India, Calcutta	21 Mar. 1960	1
281	W.D. Hincks to Dr. A.P. Kapur, Officer in Charge, Entomology Secn., Zoological Survey of India, Calcutta	24 Mar. 1960	1
279	W.D. Hincks to Dr. A.P. Kapur, Officer in Charge, Entomology Secn., Zoological Survey of India, Calcutta	28 Mar. 1960	1
278	Dr. A.P. Kapur, Officer in Charge, Entomology Secn., Zoological Survey of India, Calcutta	15 Apr. 1960	1
277	W.D. Hincks to Dr. A.P. Kapur, Officer in Charge, Entomology Secn., Zoological Survey of India, Calcutta	19 Jul. 1960	1
310	Dr. H.W. Koepcke, Peru	17 Nov. 1959	1
309	W.D. Hincks to Dr. H.W. Koepcke, Peru	23 Nov. 1959	1
359	A. Loveridge, M/V <i>Durban Castle</i> , in the Thames	15 Jun. 1960	1
360	W.D. Hincks to A. Loveridge	23 Jun. 1960	1

Appendix I, continued

Item No.	From	Date	No. of pages
317	A. Loveridge	01 Dec. 1960	1
318	W.D. Hincks to A. Loveridge	05 Jan. 1961	1
70	H.K. Long, Shell Petroleum Company of Colombia, Bogota	26 Mar. 1939	1
71	H.K. Long, Shell Petroleum Company of Colombia, Bogota	04 Jul. 1939	1
106	H. Lucht, Bondowoso, Java	17 Jun. 1938	1
46	H. Lucht, Bondowoso, Java	17 Aug. 1938	2
47	H. Lucht, Bondowoso, Java	24 May 1939	1
37	Raymond Mamet, Mauritius	09 Nov. 1949	1
35	T. McCarthy, Chief Entomologist N.S.W. Dept. of Agriculture	03 Apr.	1
85	C. Menozzi	25 Jun. 1936	postcard
75	E. Morales Agacino, Madrid	11 Jan. 1936	1
78	E. Morales Agacino, Madrid	27 Jan. 1936	postcard
93	Edward P. Mumford, Dept of Entomology, Oxford	24 Sep. 1937	2
94	Edward P. Mumford, Dept of Entomology, Oxford	24 Sep. 1937	1
102	Ferd. Nevermann, San Jose, Costa Rica	11 Apr. 1938	1
92	R.P.O. Piel, Director, Musée Heude, Shanghai	28 Feb. 1937	2
73	R.P.O. Piel, Director, Musée Heude, Shanghai	03 Jan. 1936	1
89	R.P.O. Piel, Director, Musée Heude, Shanghai	30 Nov. 1936	1
240	David R. Ragge	12 Oct. 1960	1
56	James A. Rehn, Acting Curator, Academy of Natural Sciences of Philadelphia	03 Mar. 1933	1
58	James A. Rehn, Acting Curator, Academy of Natural Sciences of Philadelphia	04 Apr. 1933	1
34	Isabel Sanabria	18 May 1959	2
124	F.H. Schade, Villarrica, Paraguay	25 Feb. 1939	1
104	F.H. Schade, Villarrica, Paraguay	19 Jun. 1938	1
59	Dr H. Schouteden, Director Musée du Congo Belge, Tervueren, Belgium	02 Feb. 1935	1
60	Dr H. Schouteden, Director Musée du Congo Belge, Tervueren, Belgium.	22 Feb. 1935	1
95	V. Van Straelen, President, Institut des Parcs nationaux du Congo Belge, Brussels	22 Jul. 1937	1
105	M.E. Walsh, Soekaboemi, Java	17 Jun. 1938	1
45	M.E. Walsh, Soekaboemi, Java	16 Aug. 1938	2
48	Dr. Friedrich Zacher, Berlin	20 Nov. 1934	1
76	Unknown person, Musée du Congo Belge, Tervuren, Belgium	20 Jan. 1935	1
386	Unknown person	22 Mar. 1938	postcard
375	Unknown person [Letterhead 'F. H. Walz, Buenos Aires']	22 Jun. 1961	1

Appendix II: Correspondence in the Brindle Archive relating to Dermaptera, the Manchester Museum

Ordered alphabetically by correspondent, then date.

Item No.	From	Date	No. of pages
147	Annette Aiello regarding publication of 'Insects of Panama and Mesoamerica: Selected Studies'	12 May 1992	
148	A. Brindle to A. Aiello	27 May 1992	
18	M. Beier	15 Nov. 1963	postcard
242	Dr. T. Cekalovic (in Spanish) regarding supply of Dermaptera from Chile, Easter Islands, Juan Fernández Island, Magellan region and Tierra del Fuego	08 Nov. 1974	2
243	Handwritten translation of 242		1
247	Dr. T. Cekalovic, sending 1 box Dermaptera and Isoptera, 2 boxes Lepidoptera	20 Feb. 1975	1
248	Handwritten translation of 243		1
249	Dr. T. Cekalovic	03 Apr. 1975	1
259	A. Brindle to Dr. T. Cekalovic, with certificate of posting for return of insects	15 Oct. 1975	3
55	Karl Jordan to W.D. Hincks	30 Jan. 1947	1
154	Dr. H.W. Koepcke, Peru to W.D. Hincks regarding progress on identification	12 Mar. 1964	1
155	Dr. H.W. Koepcke's reply to 154	22 Jul. 1964	1
157	Dr. H.W. Koepcke regarding Brindle's naming of <i>Idolopsalis koepcke</i>	10 Nov. 1965	1
158	A. Brindle to Dr. H.W. Koepcke enclosing paper reprints relating to Dermaptera sent for identification plus list of Peruvian Dermaptera	05 Jul. 1967	5
218	P.S. Nathan, sending 10 boxes of 'desiderata'	21 Jul. 1965	1
219	A. Brindle's to P.S. Nathan, reply to 218	08 Sep. 1965	1
220	P.S. Nathan, enquiring what families Brindle would like	24 Nov. 1965	1
221	P.S. Nathan	22 Aug. 1966	1
223	A. Brindle to P.S. Nathan	08 Jul. 1967	1
222	P.S. Nathan	23 Nov. 1967	1
224	P.S. Nathan, sending 3 boxes of Dermaptera and beetles	13 Feb. 1968	1
225	Attached to 226. Notification of retirement of P.S. Nathan, handing over of business to his daughter-in-law		1
226	See 225. Mrs T.R.S. Nathan, sending 1 box of Dermaptera and receipt of reprint of earwig named for P.S. Nathan	02 Jul. 1969	1
227	Mrs T.R.S. Nathan	15 Apr. 1970	1
228	A. Brindle to Mrs T.R.S. Nathan, requesting more Dermaptera, Ptiliidae, Neuroptera or Orthoptera	22 Apr. 1970	1
229	Mrs T.R.S. Nathan	31 Mar. 1971	1
230	A. Brindle to Mrs T.R.S. Nathan, requesting further Dermaptera, Neuroptera, Orthoptera, Hemiptera and Hymenoptera	14 Apr. 1971	1

Appendix II, continued

Item No.	From	Date	No. of pages
231	Mrs T.R.S. Nathan, sending 3 boxes Dermaptera and Orthoptera	12 Jul. 1971	1
232	Mrs T.R.S. Nathan	27 Apr. 1972	1
233	Mrs T.R.S. Nathan, sending 4 double size boxes of Dermaptera, Orthoptera, Hemiptera and Hymenoptera	13 Jul. 1972	1
234	A. Brindle to Mrs T.R.S. Nathan	18 Sep. 1972	1
61	P. Oromi with some additions and amendments to Brindle's article on cavernicole Dermaptera (No. 63) and Brindle's reply	30 Oct. 1990, 08 Nov. 1990	2
38	Edward [Popham?]	17 Aug. 1981	1
235	A. Brindle to S.K. Sircar, Assam, regarding supply of Dermaptera and Ptiliidae	29 Nov. 1967	1
236	S.K. Sircar, Assam, reply to 235	09 Dec. 1967	1
237	A. Brindle to S.K. Sircar	05 Jan. 1968	1
238	S.K. Sircar, sending 700 earwigs	27 Feb. 1968	1
239	A. Brindle to S.K. Sircar	04 Mar. 1968	1
174	A. Brindle to Dr R. zur Strassen regarding return of Cassidinae unidentified	24 Jan. 1973	1
175	Dr. R. zur Strassen's reply to 174	05 Feb. 1973	1
272	A. Brindle to Taiwan Novelty Company, enquiring about supply of Dermaptera from Formosa	29 Nov. 1967	1
273	Au Chun-Cheng, Director, Taiwan Novelty Company, reply to 272	07 Dec. 1967	1
262	J.S. Taylor, Natal, South Africa	16 Feb. 1966	1
263	J.S. Taylor, Natal, South Africa	15 Mar. 1966	1
264	J.S. Taylor, Natal, South Africa, sending vials of insects including forficulids and staphylinids	04 Apr. 1966	1
274	A. Brindle to H. Winkler, Vienna, requesting prices for Coleoptera, Dermaptera and other small orders	21 Nov. 1968	1