

Checklists of mites (Acari: Oribatida) found in Lancashire and Cheshire

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Introduction:

In the classic sense of the group, oribatid mites (also called beetle mites, armoured mites, or moss mites) comprise more than 9,000 named species (Schatz, 2002, 2005; Subías, 2004) representing 172 families. Although many are arboreal and a few are aquatic, most oribatid mites inhabit the soil-litter system. They are often the dominant arthropod group in highly organic soils of temperate forests, where 100–150 species may have collective densities exceeding $100,000\text{m}^{-2}$ (Norton & Behan-Pelletier, 2009).

A useful introduction to British oribatid taxonomy and history in general can be found in Monson (2011).

Unless otherwise stated, the superfamily and family organisation are in accordance with Schatz *et al* (2011) and lower level taxonomy is in accordance with Weigmann (2006).

Each species is followed by a list of sites indicating where it was found etc. in its respective vice county.

All identifications are by the Author unless otherwise stated.

Two sites listed had a previous history of published records namely Delamere Forest and Wybunbury Moss (both from Cheshire) prior to the recent collections of Monson (Delamere Forest) and National Museums Liverpool (NML) (Wybunbury Moss) which are listed below.

The prime aim of this new checklist (though limited to three vice counties namely VC58, VC59 and VC60) is to provide a useful tool for those who follow in the pursuit and fascinating study of oribatid mites in Lancashire and Cheshire and elsewhere.

A new GB Checklist covering England, Scotland and Wales is *in prep* by the Author.

This present article is the result of a continuing personal familiarisation with the British Acari.



Figure 1
Quadroppia Jacot, 1939 sp.
(as yet unidentified)



Figure 2
Carabodes scaber Monson, 2009



Figure 3
Coronosquadrupia monstruosa (Hammer, 1979)
(record not yet published for GB)

Checklist of Lancashire Oribatids (published and unpublished combined) (VC59 and VC60)

Number of species = 198
Number of sub-species = 2
Number of genera = 97
Number of families = 48

Lancashire sites

- Site L1: Ainsdale Sand Dunes NNR (SD299109), habitat moss under pines planted on sand dunes, date 1/4/1995, VC59
- Site L2: Ainsdale and Birkdale LNR (SD296116), habitat generally moss and other vegetation, collector NML, dates 18/5/2000 to 11/7/2000, VC59
- Site L3: Hightown Beach (SD295020), habitat upper tideline litter on a mainly sandy beach backed by dunes, collector F.D. Monson, date 4/10/2009, VC59
- Site L4: Marshside, Southport (SD350206), site located south of and adjacent to, sand Treatment plant (now redundant), habitat rotten vegetation at base of marram grass, date 1/2/2006, VC59
- Site L5: Gaitbarrows (SD 483777), habitat woodland litter, collector Hillary Bedford, date 16/10/2009, VC60
- Site L6: Warton Crag (SD494730), habitats holly litter, moss/leaf litter, bracken litter, turf/soil, plug, collector NML, dates 7/6/2011 to 31/10/2011, VC60
- Site L7: Chavasse Park, Liverpool City Centre (SJ343900), habitat turf from main lawn, collector NML, date 2/10/2013, VC59
- Site L8: Stockton's Wood, Speke Hall NT (SJ SJ423828), habitat moss from woodland floor, for dates, see Monson (2002) plus the results of ongoing collecting at the site since 2002, VC59
- Site L9: Stockton's Wood, Speke Hall NT (SJ423828), habitat brushings from silver birch bark, date 30/4/2008, VC59
- Site L10: Stockton's Wood, Speke Hall NT (SJ423828), habitat compost heap, date 1/7/2004, VC59
- Site L11: Speke Hall NT (SJ419827), habitat turf from edge of main lawn, date 1/10/2002, VC59
- Site L12: Barn Hey Farm, Tarbock (SJ466871), habitat rotten straw at outer edges of dutch barn, date 26/7/2002 plus the results of ongoing collecting at the site, VC59
- Site L13: Humphries Farm, Tarbock (SJ467877) (also known as Markland's Farm), habitat rotten straw at outer edges of dutch barn, date 5/5/2002, VC59
- Site L14: Marsh Farm, Formby (SD287059), habitat rotten straw at outer edges of dutch barn, date 10/1/2006, VC59
- Site L15: Marsh Farm, Formby (SD287059), habitat moss from floor of small copse, date 10/08/2004, VC59
- Site L16: Ainsdale Farm (also known as Segar's Farm) Ainsdale (SD304110), habitat rotten straw at outer edges of dutch barn, date 10/1/2006, VC59
- Site L17: Waterlane Farm, Tarbock (SJ469880), habitat rotten straw at outer edges of dutch barns, date 2/1/2006 & 16/4/2008, VC59
- Site L18: Whitedge Farm Hightown (SD3025904175), habitat rotten straw inside brick barn, date 23/2/2002 & 1/7/2005, VC59
- Site L19: Childwall Fields, Liverpool (SJ416886), habitat soil plug, collector Liverpool John Moores University (LJMU), date 24/5/2005, VC59
- Site L20: Cromdale Grove, St. Helens (SJ529), habitat soil plug, collector LJMU, date 24/5/2005, VC59
- Site L21: Merton Bank, St. Helens (SJ526960), habitat soil plug, collector LJMU, date 25/4/2004, 17/6/2005 & 30/6/2005, VC59
- Site L22: Kirkby Moss (SJ445984), habitat soil plug, collector LJMU, date 10/8/2005, VC59
- Site L23: Sugar Brooke, Fazakerly (possibly now built on) (SJ392960), habitat soil plug, collector LJMU, date 3/10/2005, VC59
- Site L24: Woolton, Liverpool (SJ423853), habitat draw in old wooden cupboard, collector F. D. Monson, date 1/07/2018, VC59.
- Site L25: Ormskirk, a small fragment of beech dominated woodland off Cranes Lane (SD4454609187) habitat *detritus*, date 12/11/2011, collector Tony Hunter NML, VC59
- Site L26: Hale Park (SJ468821), habitat moss on ground, date 25/2/1990, VC59.

Suborder **Oribatida** van der Hammen, 1968

Infraorder **Palaeosomata** Grandjean, 1969

Superfamily Ctenacaroidea Grandjean, 1954

Family Adelphacaridae Grandjean, 1954

Genus *Adelphacarus* Grandjean, 1932

Adelphacarus sellnicki Grandjean, 1952 (L24) (see Orange (2006))

Infraorder **Enathronota** Grandjean, 1969

Superfamily Brachychthonioidea Thor, 1934

Family Brachychthoniidae Thor, 1934

Genus *Brachychthonius* Berlese, 1910

Brachychthonius impressus Moritz, 1976 (L8) (record not yet published for GB)

Genus *Liochthonius* van der Hammen, 1952

Liochthonius alpestris (Forsslund, 1958) (L4) (record not yet published for GB)

Liochthonius brevis (Michael, 1888) (L6, L8, L9, L12, L25)

Liochthonius clavatus (Forsslund, 1942) (L1, L8) (see Monson (2014))

Liochthonius evansi (Forsslund, 1958) (L1, L8, L9, L12, L25)

Liochthonius leptaleus Moritz, 1976 (L16)

Liochthonius muscorum Forsslund, 1964 (L2, L8, L15)

Liochthonius neglectus Moritz, 1976 (L1, L2, L8)

Liochthonius perfusorius Moritz, 1976 (L1) (see Monson (1998))

Liochthonius sellnicki (Thor, 1930) (L2, L6, L8, L15) (see Monson (2000))

Liochthonius simplex (Forsslund, 1942) (L7)

Liochthonius strenzki Forsslund, 1963 (L6, L8, L14, L15, L20, L22) (see Monson (2011))

Genus *Neobrachychthonius* Moritz, 1976

Neobrachychthonius marginatus (Forsslund, 1942) (L8)

Genus *Poecilochthonius* Balogh, 1943

Poecilochthonius spiciger (Berlese, 1910) (L1, L2)

Genus *Sellnickochthonius* Krivolutsky, 1964

Sellnickochthonius hungaricus (J. Balogh, 1943) (L1, L2, L6, L14, L15, L22)

Sellnickochthonius immaculatus (Forsslund, 1942) (L8, L20)

Sellnickochthonius rostratus (Jacot, 1936) (L14, L15) (record not yet published for GB)

Sellnickochthonius suecicus (Forsslund, 1942) (L8)

Genus *Synchthonius* van der Hammen, 1952

Synchthonius elegans (Forsslund, 1956) (L1, L2) (see Monson (2000))

Superfamily Hypochthonioidea Berlese, 1910

Family Eniochthoniidae Grandjean, 1947

Genus *Eniochthonius* Grandjean, 1933

Eniochthonius minutissimus (Berlese, 1904) (L1, L6, L8, L12, L14, L15)

Family Hypochthoniidae Berlese, 1910

Genus *Hypochthonius* C. L. Koch, 1835

Hypochthonius luteus Oudemans, 1917 (L8, L12, L14)

Hypochthonius rufulus C. L. Koch, 1835 (L1, L8, L12, L15, L16)

Infraorder **Mixonomata** Grandjean, 1969

Superfamily Eulohmannioidea Grandjean, 1931

Family Eulohmanniidae Grandjean, 1931

Genus *Eulohmannia* Berlese, 1910

Eulohmannia ribagai (Berlese, 1910) (L8)

Superfamily Euphthiracaridea Jacot, 1930

Family Euphthiracaridae Jacot, 1930

Genus *Euphthiracarus* Ewing, 1916

Euphthiracarus monodactylus (Willmann, 1919) (L6, L8, L12) (not listed by Luxton (1996))
(see Niedbała (2012))

Genus *Microtrititia* Märkel and Meyer, 1959

Microtrititia minima Berlese, 1904 (L8)

Genus *Acrotrititia* Jacot, 1923

Acrotritia ardua (C. L. Koch, 1841) (L2, L4, L8, L14, L15) (as *Rhysotritia ardua* in Luxton (1996))

Acrotritia duplicata (Grandjean, 1953) (L1, L6, L8, L12, L15, L25) (as *Rhysotritia duplicata* in Luxton (1996))

Superfamily Phthiracaroidae Perty, 1841

Family Phthiracaridae Perty, 1841

Genus *Hoplophthiracarus* Jacot

Hoplophthiracarus illinoisensis (Ewing, 1909) (L8) (as *Hoplophthiracarus pavidus* in (Luxton (1996)))

Genus *Phthiracarus* Perty, 1841

Phthiracarus affinis (Hull, 1914) (L6)

Phthiracarus anonymus (Grandjean, 1933) (L1, L6, L8, L12, L14, L15)

Phthiracarus ferrugineus (C. L. Koch, 1841) (L8)

Phthiracarus longulus (C. L. Koch, 1841) (L2, L6, L12)

Phthiracarus montanus C. Pérez-Iñigo, 1969 (L8, L12, L14)

Phthiracarus nitens (Nicolet, 1855) (L8)

Genus *Steganacarus* Ewing, 1917

Subgenus *Steganacarus (Atropacarus)* Ewing, 1917

Steganacarus (Atropacarus) striculus (L6, L8, L12, L13) (C. L. Koch, 1835)

Steganacarus (Atropacarus) wandae (L8) (Niedbala, 1981)

Subgenus *Steganacarus (Steganacarus)* Ewing, 1917

Steganacarus (Steganacarus) magnus (Nicolet, 1855) (L1, L6, L7, L8, L10, L12)

Infraorder **Desmonomata** Woolley, 1973

Hyporder **Nothrina** van der Hammen, 1982

Superfamily Crotonioidea Thorell, 1876

Family Crotoniidae Thorell, 1876

Genus *Camisia* von Heyden, 1826

Camisia biurus (C. L. Koch, 1839) (L1, L2)

Camisia biverrucata (C. L. Koch, 1839) (L1)

Camisia horrida (Hermann, 1804) (L2)

Camisia segnis (Hermann, 1804) (L2)

Camisia spinifer (C. L. Koch, 1835) (L1, L2)

Genus *Platynothrus* Berlese, 1913

Platynothrus fluviatilis (Hull, 1913) (L6)

Platynothrus peltifer (C. L. Koch, 1839) (L1, L2, L4, L6, L8, L12, L15, L20, L21, L22)

Family Hermannidae Sellnick, 1928

Genus *Hermannia* Nicolet, 1855

Hermannia gibba (C. L. Koch, 1839) (L4, L5, L6, L16, L26)

Hermannia pulchella Willmann, 1952 (L4, L8, L12)

Hermannia reticulata Thorell, 1871 (L1, L8)

Hermannia scabra (L. Koch, 1879) (L1, L8, L12, L15)

Family Malaconothridae Berlese, 1916

Genus *Malaconothrus* Berlese, 1904

Malaconothrus monodactylus (Michael, 1888) (L1, L2, L6, L8, L16, L17)

Family Nanhermanniidae Sellnick, 1928

Genus *Nanhermannia* Berlese, 1913

Nanhermannia coronata Berlese, 1913 (L1, L8, L10, L12, L14, L15, L25)

Nanhermannia elegantula Berlese, 1913 (L1, L6)

Nanhermannia nana (Nicolet, 1855) (L1, L2, L8)

Nanhermannia sellnicki Forsslund, 1958 (L8)

Family Nothridae Berlese, 1896

Genus *Nothrus* C. L. Koch, 1835

Nothrus borussicus Sellnick, 1928 (L2)

Nothrus palustris C. L. Koch, 1839 (L1, L2, L6, L8, L15, L26)

Nothrus silvestris Nicolet, 1855 (L6, L8, L12)

Hyporder **Brachypylina** Hull, 1918
 Superfamily Hermannielloidea Grandjean, 1934
 Family Hermanniellidae Grandjean, 1934
 Genus *Hermanniella* Berlese, 1908
 Hermanniella granulata (Nicolet, 1855) (L1, L8)
 Superfamily Damaeioidea Berlese, 1896
 Family Damaeidae Berlese, 1896
 Genus *Damaeobelba* Sellnick, 1928
 Damaeobelba minutissima (Sellnick, 1920) (L1, L6, L8, L17)
 Genus *Damaeus* C. L. Koch, 1835
 Damaeus (Adamaeus) onustus (C. L. Koch, 1841) (L5, L6, L8, L26)
 Damaeus (Paradamaeus) clavipes (Hermann, 1804) (L2, L6, L8, L21)
 Genus *Epidamaeus* Bulanova-Zachvatkina, 1957
 Epidamaeus (cf.) floccusus Behan-Pelletier and Norton, 1985 (L12) (see Miko and Monson (2013))

 Genus *Metabelba* Grandjean, 1936
 Metabelba papillipes (Nicolet, 1855) (L1, L4, L14, L15)
 Genus *Porobelba* Grandjean, 1936
 Porobelba spinosa (Sellnick, 1920) (L6)
 Superfamily Cepheoidea Berlese, 1896
 Family Cepheidae Berlese, 1896
 Genus *Cepheus* C. L. Koch, 1835
 Cepheus cepheiformis (Nicolet, 1855) (L1, L8)
 Cepheus dentatus (Michael, 1888) (L6, L8)
 Cepheus latus C. L. Koch, 1835 (L1, L8)
 Superfamily Microzetoidea Grandjean, 1936
 Family Microzetidae Grandjean, 1936
 Genus *Microzetes* Berlese, 1913
 Microzetes septentrionalis (Kunst, 1963) (L13, L17) (see Monson (2011))
 Superfamily Ameroidea Bulanova-Zachvatkina, 1957
 Family Amerobelbidae Grandjean, 1961
 Genus *Amerobelba* Berlese, 1908
 Amerobelba decedens Berlese, 1908 (L11) (see Monson (2011))
 Family Damaeolidae Grandjean, 1965
 Genus *Fosseremus* Grandjean, 1954
 Fosseremus laciniatus (Berlese, 1905) (L1, L2, L6)
 Superfamily Zetorchestoidea Michael, 1898
 Family Eremaeidae Oudemans, 1900
 Genus *Eueremaeus* Mihelčič, 1963
 Eueremaeus oblongus (C. L. Koch, 1836) (L1, L6, L7, L14, L25) (as *Eremaeus oblongus* in Luxton (1996))

 Superfamily Gustavioidea Oudemans, 1900
 Family Astegistidae Balogh, 1961
 Genus *Astegistes* Hull, 1916
 Astegistes pilosus (C. L. Koch, 1841) (L1, L2)
 Genus *Cultroribula* Berlese, 1908
 Cultroribula bicultrata Berlese, 1908 (L6, L8, L9, L12)
 Cultroribula juncta (Michael, 1885) (L8)
 Family Liacaridae Sellnick, 1928
 Genus *Adoristes* Hull, 1916
 Adoristes ovatus (C. L. Koch, 1839) (L1, L4, L6, L7, L8, L9, L10, L12, L13, L25)
 Genus *Liacarus* Michael, 1898
 Liacarus coracinus (C. L. Koch, 1839) (L5, L6)
 Genus *Xenillus* Robineau-Desvoidy, 1839
 Xenillus tegeocranus (Hermann, 1804) (L4, L6, L8, L10, L12, L15)
 Family Peloppiidae Balogh, 1943
 Genus *Ceratoppia* Berlese, 1908
 Ceratoppia bipilis (Hermann, 1804) (L1, L2, L5, L6, L8)
 Superfamily Carabodoidea C. L. Koch, 1837
 Family Carabodidae C. L. Koch, 1837

- Genus *Carabodes* C. L. Koch, 1835
Carabodes coriaceus C. L. Koch, 1835 (L8)
Carabodes femoralis (Nicolet, 1855) (L8)
Carabodes labyrinthicus (Michael, 1879) (L1, L2, L8, L9, L12)
Carabodes marginatus (Michael, 1884) (L1)
Carabodes rugosior Berlese, 1916 (L1) (see Monson (2009))
Carabodes scaber Monson, 2009 (L8, L9) (see Monson (2009)) – **Figure 2**
Carabodes willmanni Bernini, 1975 (L1, L7)
- Genus *Odontocepheus* Berlese, 1913
Odontocepheus elongatus (Michael, 1879) (L6, L8, L25)
- Superfamily Oppioidea Grandjean, 1951
Family Autognetidae Grandjean, 1960
Genus *Autogneta* Hull, 1916
Autogneta longilamellata (Michael, 1885) (L1, L6, L8, L9)
Autogneta parva Forsslund, 1947 (L1, L7, L8)
- Family Machuelliidae Balogh, 1983
Genus *Machuella* Hammer, 1961
Machuella bilineata Weigmann, 1976 (L6)
- Family Oppiidae Grandjean, 1951
Genus *Berniniella* J. Balogh, 1983
Berniniella sigma (Strenzke, 1951) (L2, L6, L8, L9, L10, L14, L15, L17)
- Genus *Dissorhina* Hull, 1916
Dissorhina ornata (Oudemans, 1900) (L1, L4, L6, L8, L10, L12, L13, L14, L17, L25)
- Genus *Lanceoppia* Hammer, 1962
Subgenus *Lanceoppia* (*Baioppia*) Luxton, 1985
Lanceoppia (*Baioppia*) *talacrensis* Monson, 2000 (L8, L10, L11, L12, L13, L14, L17) (see Monson (2000))
- Genus *Micropopia* Balogh, 1983
Micropopia minus (Paoli, 1908) (L2, L6, L8, L20, L22)
- Genus *Multioppia* Hammer, 1961
Multioppia neglecta C. Pérez-Íñigo, 1969 (L4, L7, L8, L10, L11, L12, L13, L14, L15, L22, L23)
(as *Multioppia excisa* in Luxton (1996))
- Genus *Oppia* C. L. Koch, 1836
Oppia denticulata (R. and G. Canestrini, 1882) (L12, L14) (record not yet published for GB)
Oppia nitens (C. L. Koch, 1836) (L1, L3, L4, L6, L8, L10, L12, L14, L17, L18)
- Genus *Oppiella* Jacot, 1937
Subgenus *Oppiella* (*Moritzoppia*) Subías & Rodríguez, 1988
Oppiella (*Moritzoppia*) *keilbachi* (Moritz, 1969) (L1, L6, L7, L8)
Oppiella (*Moritzoppia*) *neerlandica* (Oudemans, 1900) (L14, L16)
Oppiella (*Moritzoppia*) *unicarinata* (Paoli, 1908) (L1, L6, L7, L8)
- Subgenus *Oppiella* (*Oppiella*) Jacot, 1937
Oppiella (*Oppiella*) *falcata* (Paoli, 1908) (L7)
Oppiella (*Oppiella*) *maritima* (Willmann, 1929) (L6, L7, L8)
Oppiella (*Oppiella*) *nova* (Oudemans, 1902) (L1, L2, L4, L6, L7, L8, L9, L10, L12, L14, L20, L21, L23)
Oppiella (*Oppiella*) *propinqua* Mahunka and Mahunka-Papp, 2000 (L4, L7, L20) (see Monson (2014))
- Subgenus *Oppiella* (*Rhinoppia*) Balogh, 1983
Oppiella (*Rhinoppia*) *fallax* (Paoli, 1908) (L12, L13, L14) (as *Lauropopia fallax* in Luxton (1996))
Oppiella (*Rhinoppia*) *obsoleta* (Paoli, 1908) (L4, L6, L7, L8, L12, L14, L17, L21, L23) (as *Medioppia obsoleta* in Luxton (1996))
Oppiella (*Rhinoppia*) *subpectinata* (Oudemans, 1900) (L6, L8, L10, L17, L21, L23, L25) (as *Medioppia subpectinata* in Luxton (1996))
- Genus *Oxyoppioides* Subías and Mínguez, 1985
Oxyoppioides decipiens (Paoli, 1908) (L8, L12, L14) (not yet published)
- Genus *Ramusella* Hammer, 1962
Ramusella assimilis (Mihelčič, 1956) (L14)
Ramusella clavipectinata (Michael, 1885) (L2, L3, L4, L6, L8, L10, L11, L12, L13, L14, L20, L23)

- Ramusella fasciata* (Paoli, 1908) (L10, L13, L14, L17, L18) (see Monson (2014))
Ramusella insculpta (Paoli, 1908) (L12, L13, L14, L17)
- Genus *Serratoppia* Subías and Mínguez, 1985
Serratoppia serrata (Mihelčič, 1956) (L3, L4, L6, L8, L10, L12, L13, L14, L17, L23) (record not yet published for GB)
- Family Quadropiidae Balogh, 1983
- Genus *Coronoquadroppia* Ohkubo, 1995
Coronoquadroppia galaica Mínguez, Ruis and Subías, 1985 (L1, L6, L8, L12, L15, L17, L23, L25) (see Monson (2000))
Coronoquadroppia lesleyae Monson, 2000 (L6) (see Monson (2000))
Coronoquadroppia monstrosa (Hammer, 1979) (L8, L14, L16, L17, L20) (record not yet published for GB) - **Figure 3**
Coronoquadroppia nana Gordeeva, 1983 (L8) (record not yet published for GB)
Coronoquadroppia nasalis Gordeeva, 1983 (L3, L8, L14, L15, L21) (record not yet published for GB)
Coronoquadroppia pseudocircumita Mínguez, Ruis and Subías, 1985 (L6, L12, L14) (see Monson (1998))
- Genus *Quadroppia* Jacot, 1939
Quadroppia hammerae Mínguez, Ruis and Subías, 1985 (L8, L10, L14, L15, L17, L22) (see Monson (2000))
Quadroppia maritalis (Lions, 1982) (L6, L7, L8, L12, L14, L25)
Quadroppia quadricarinata (Michael, 1885) (L1, L2, L4, L6, L7, L8, L10, L14, L15, L16, L17, L25)
Quadroppia Jacot, 1939 sp. (L2, L15) - **Figure 1**
- Family Thyrisomidae Grandjean, 1953
- Genus *Banksinoma* Oudemans, 1930
Banksinoma lanceolata (Michael, 1885) (L4, L6, L7, L8, L10, L12, L13, L14, L15, L17, L21, L23)
- Genus *Oribella* Berlese, 1908
Oribella pectinata (Michael, 1885) (L4, L12, L13, L14, L17)
- Genus *Pantelozetes* Grandjean, 1953
Pantelozetes paolii (Oudemans, 1913) (L1, L6, L8, L12, L23)
- Superfamily Trizetoidea Ewing, 1917
- Family Suctobelbidae Jacot, 1938
- Genus *Suctobelba* Jacot, 1937
Suctobelba regia Moritz, 1970 (L1, L8, L12, L14, L16, L17, L25) (record not yet published for GB)
- Suctobelba trigona* (Michael, 1888) (L1, L6, L7, L8, L12, L17)
- Genus *Suctobelbella* Jacot, 1937
Suctobelbella acutidens (Forsslund, 1941) (L2, L4, L6, L7, L8, L9, L12, L15, L16, L17, L20, L21, L22, L25)
Suctobelbella acutidens lobata (Strenzke, 1950) (L2, L8) (as *Suctobelbella lobata* in Luxton (1996))
Suctobelbella arcana Moritz, 1970 (L8, L13, L16) (see Monson (2014))
Suctobelbella falcata (Forsslund, 1941) (L1, L6, L8, L9, L12)
Suctobelbella hamata Moritz, 1970 (L16) (see Monson (2014))
Suctobelbella moritzi Mahunka, 1987 (L1, L6) (record not yet published for GB)
Suctobelbella nasalis (Forsslund, 1941) (L1, L6, L8, L12, L14, L15)
Suctobelbella sarekensis (Forsslund, 1941) (L1, L6, L7, L9, L12, L17, L22, L23, L25)
Suctobelbella similis (Forsslund, 1941) (L1, L6, L8, L9, L17)
Suctobelbella subcornigera (Forsslund, 1941) (L1, L2, L4, L6, L7, L8, L9, L12, L13, L14, L15, L16, L17, L20, L21, L23, L25)
Suctobelbella subtrigona (Oudemans, 1900) (L1, L6, L8, L12, L25)
Suctobelbella tuberculata (Strenzke, 1950) (L8) (record not yet published for GB)
- Superfamily Tectocephoidea Grandjean, 1954
- Family Tectocephidae Grandjean, 1954
- Genus *Tectocephus* Berlese, 1896
Tectocephus velatus (Michael, 1880) (L1, L2, L3, L4, L6, L8, L14, L15, L20, L21, L22, L25)
Tectocephus velatus alatus Berlese, 1913 (L7, L12, L13)
- Superfamily Limnozetoidea Thor, 1937

Family Limnozetestidae Thor, 1937
 Genus *Limnozetes* Hull, 1916
 Limnozetes ciliatus (Schrank, 1803) (L12, L13)
 Superfamily Ameronothroidea Willmann, 1931
 Family Ameronothridae Willmann, 1931
 Genus *Ameronothrus* Berlese, 1896
 Ameronothrus maculatus (Michael, 1882) (L8, L12, L14)
 Ameronothrus schneideri (Oudemans, 1903) (L4) (as *Hygoribates schneideri* in Luxton 1996))

 Superfamily Cymbaeremaeoidea Sellnick, 1928
 Family Cymbaeremaeidae Sellnick, 1928
 Genus *Cymbaeremaeus* Berlese, 1896
 Cymbaeremaeus cymba (Nicolet, 1855) (L1, L8)
 Superfamily Licheremaeoidea Grandjean, 1954
 Family Licheremaeidae Grandjean, 1954
 Genus *Licheremaeus* (Michael, 1882)
 Licheremaeus licnophorus (Michael, 1882) (L7)
 Family Micreremidae Grandjean, 1954
 Genus *Micreremus* Berlese, 1908
 Micreremus brevipes (Michael, 1888) (L1, L8)
 Micreremus gracilior Willmann, 1931 (L15) (see Monson (2011))
 Family Passalozetidae Grandjean, 1954
 Genus *Passalozetes* Grandjean, 1932
 Passalozetes perforatus (Berlese, 1910) (L3)
 Family Scutoverticidae Grandjean, 1954
 Genus *Scutovertex* Michael, 1879
 Scutovertex minutus (C. L. Koch, 1835) (L11)
 Scutovertex sculptus Michael, 1879 (L1, L2, L4, L6, L8, L12, L15)
 Superfamily Phenopelopoidea Petrunovich, 1955
 Family Phenopelopidae Petrunovich, 1955
 Genus *Eupelops* Ewing, 1917
 Eupelops acromios (Hermann, 1804) (L2)
 Eupelops plicatus (C. L. Koch, 1835) (L1, L4, L6, L8, L14, L15)
 Eupelops tardus (C. L. Koch, 1835) (L4, L12, L16)
 Genus *Peloptulus* Berlese, 1908
 Peloptulus phaeonotus (C. L. Koch, 1844) (L2, L6, L8, L12)
 Superfamily Achipteroidea Thor, 1929
 Family Achipteriidae Thor, 1929
 Genus *Achipteria* Berlese, 1885
 Achipteria coleoprata (Linnaeus, 1758) (L2, L8, L10, L12, L14, L15, L16)
 Achipteria nitens (Nicolet, 1855) (L8)
 Genus *Parachipteria* van der Hammen, 1952
 Parachipteria punctata (Nicolet, 1855) (L1, L6, L7, L8)
 Parachipteria willmanni van der Hammen, 1952 (L6, L8) (as *Parachipteria nicoleti* (Berlese, 1883) in Luxton, 1996))

 Genus *Pseudachipteria* Travé, 1960
 Pseudachipteria magna (Sellnick, 1928) (L8)
 Superfamily Oribatelloidea Jacot, 1925
 Family Oribatellidae Jacot, 1925
 Genus *Joelia* Oudemans, 1906
 Joelia fiorii (de Coggi, 1898) (L1)
 Genus *Ophidiotrichus* Grandjean, 1953
 Ophidiotrichus tectus (Michael, 1884) (L6, L8, L12)
 Genus *Oribatella* Banks, 1895
 Oribatella calcarata (C. L. Koch, 1835) (L12)
 Oribatella litoralis Strenzke, 1950 (L4) (see Monson (2011))
 Oribatella quadricornuta (Michael, 1880) (L4, L6, L8, L12, L13, L14, L15, L16, L17, L23)
 Superfamily Oripodoidea Jacot, 1925
 Family Haplozetidae Grandjean, 1936
 Genus *Haplozetes* Willmann, 1935

Haplozetes vindobonensis (Willmann, 1935) (L12, L18) (record not yet published for GB)
 Family Oribatulidae Thor, 1929
 Genus *Oribatula* Berlese, 1895
 Oribatula tibialis (Nicolet, 1855) (L1, L3, L7, L8, L10, L12, L13, L14)
 Genus *Zygoribatula* Berlese, 1916
 Zygoribatula exilis (Nicolet, 1855) (L6, L8, L9)
 Genus *Phauloppia* Berlese, 1908
 Phauloppia lucorum (C. L. Koch, 1841) (L12, L15, L17)
 Family Scheloribatidae Grandjean, 1933
 Genus *Liebstadia* Oudemans, 1906
 Liebstadia longior (Berlese, 1908) (L1) (as *Protoribates badensis* in Luxton (1996)) (in accordance with Miko & Weigmann (1996))
 Liebstadia similis (Michael, 1888) (L1, L3, L4, L6, L8, L12, L13, L14, L15, L16, L19, L21, L22, L23)
 Genus *Scheloribates* Berlese, 1908
 Subgenus *Scheloribates* (*Hemileius*) Berlese, 1916
 Scheloribates (*Hemileius*) *initialis* (Berlese, 1908) (L1, L4, L8, L12, L14, L23)
 Subgenus *Scheloribates* (*Scheloribates*) Berlese, 1908
 Scheloribates (*Scheloribates*) *laevigatus* (C. L. Koch, 1835) (L6, L10)
 Scheloribates (*Scheloribates*) *latipes* (C. L. Koch, 1844) (L1, L2, L6)
 Scheloribates (*Scheloribates*) *pallidulus* (C. L. Koch, 1841) (L1)
 Superfamily Ceratozetoidea Jacot, 1925
 Family Ceratozetidae Jacot, 1925
 Genus *Ceratozetes* Berlese, 1908
 Ceratozetes gracilis (Michael, 1884) (L2, L4, L6, L8, L12, L13, L14, L22, L26)
 Ceratozetes minutissimus Willmann, 1951 (L11) (see Monson (2011))
 Ceratozetes peritus Grandjean, 1951 (L8, L12, L15, L23)
 Genus *Edwardzetes* Berlese, 1914
 Edwardzetes edwardsi (Nicolet, 1855) (L8)
 Genus *Fuscozetes* Sellnick, 1928
 Fuscozetes fuscipes (C. L. Koch, 1844) (L8, L15)
 Genus *Melanozetes* Hull, 1916
 Melanozetes mollicomus (C. L. Koch, 1839) (L1, L8)
 Genus *Sphaerozetes* Berlese, 1885
 Sphaerozetes piriformis (Nicolet, 1855) (L6)
 Genus *Trichoribates* Berlese, 1910
 Trichoribates berlesei Jacot, 1929 (L1, L2, L4, L6, L7, L8, L12, L13, L16, L21, L22) (= *T. trimaculatus* sensu Sellnick 1928, Weigmann 2006) (as *T. trimaculatus* in Luxton (1996))
 Trichoribates incisellus (Kramer, 1897) (L2, L3, L4, L8, L12, L13, L14) (as *Latilamellobates incisellus* in Luxton (1996))
 Trichoribates novus (Sellnick, 1928) (L8, L14)
 Family Chamobatidae Grandjean, 1954
 Genus *Chamobates* Hull, 1916
 Chamobates cuspidatus (Michael, 1884) (L8, L13)
 Chamobates interpositus Pschorn-Walcher, 1953 (L5, L6, L8, L10, L12, L13, L14)
 Chamobates pusillus (Berlese, 1895) (L4, L6, L9, L25)
 Chamobates subglobulus (Oudemans, 1900) (L8, L12, L15)
 Genus *Ocesobates* Aoki, 1965
 Ocesobates tumidisetosus (Monson, 2002) (L6, L8) (now placed in genus *Ocesobates* Aoki, 1965 by Subias (2004)) (as *Chamobates tumidisetosus* in Monson, 2002)
 Family Euzetidae Grandjean, 1954
 Genus *Euzetes* Berlese, 1908
 Euzetes nitens (Johnston, 1853) (L1, L2, L6, L8, L10, L12, L14, L15, L16, L19, L20, L22)
 (Note: this species is generally referred to as *Euzetes globulus* (Nicolet, 1855). However, as Hull (1920) has pointed out, Johnston's name, being earlier, takes precedence. The even earlier name suggested by some authors (*Euzetes seminilum* (O. F. Müller, 1876) has been dismissed by van der Hammen (1952) as being insufficiently founded (Luxton (1990)).
 Family Humerobatidae, Grandjean, 1971
 Genus *Humerobates* Sellnick, 1928

Humerobates rostromellatus Grandjean, 1936 (L1, L8, L12, L15, L25)

Family Punctoribatidae Thor, 1937 (= Mycobatidae Grandjean, 1954)

Genus *Minunthozetes* Hull, 1916

Minunthozetes semirufus (C. L. Koch, 1841) (L1, L4, L6, L8, L10, L12)

Genus *Punctoribates* Berlese, 1908

Punctoribates punctum (C. L. Koch, 1839) (L1, L6, L8, L10, L12, L13, L14, L15, L16, L20, L21, L22, L23)

Genus *Zachvatkinibates* Shaldybina, 1973

Zachvatkinibates quadrivertex (Halbert, 1920) (L3, L4) (as *Punctoribates quadrivertex* in Luxton (1996))

Superfamily Galumnoidea Jacot, 1925

Family Galumnidae Jacot, 1925

Genus *Acrogalumna* Grandjean, 1956

Acrogalumna longipluma (Berlese, 1904) (L1, L4, L8, L12, L23)

Genus *Galumna* von Heyden, 1826

Galumna lanceata Oudemans, 1900 (L8)

Genus *Pergalumna* Grandjean, 1936

Pergalumna altera (Oudemans, 1915) (L8)

Checklist of Cheshire Oribatids (published and unpublished combined) (VC58)

Number of species = 154

Number of sub-species = 1

Number of genera = 75

Number of families = 44

Cheshire sites

Site C1: Delamere Forest (SJ545717, SJ545719, SJ535718), habitat moss from forest floor (various), dates 1/3/1995 & 10/12/2007, VC58

The following species were listed prior for this site:

Hull, 1915:

Camasia biurus (C. L. Koch, 1839)
Carabodes labyrinthicus (Michael, 1879)
Cepheus cepheiformis (Nicolet, 1855)
Cepheus dentatus (Michael, 1888)
Chamobates cuspidatus (Michael, 1884)
Damaeus (Paradamaeus) clavipes (Hermann, 1804)
Eueremaeus oblongus (C. L. Koch, 1835)
Eupelops farinosus (Nicolet, 1855)
Euzetes nitens (Johnston, 1853)
Hermannia gibba (C. L. Koch, 1839)
Melanozetes mollicomus (C. L. Koch, 1839)
Phthiracarus affinis (Hull, 1914)
Platynothrus peltifer (C. L. Koch, 1839)
Steganacarus (Steganacarus) magnus (Nicolet, 1855)

Hull, 1930:

Dissorhina ornata (Oudemans, 1900)
Peloptulus montanus Hull, 1914
Oppiella (Moritzoppia) unicarinata (Paoli, 1908)

Kendrick and Burges (1962) and Burges (1967) (for both papers):

Banksinoma lanceolata (Michael, 1885)
Chamobates pusillus (Berlese, 1895)
Eupelops tardus (C. L. Koch, 1835)
Carabodes minusculus Berlese, 1923
Odontocepheus elongatus (Michael, 1879)
Ceratoppia bipilis (Hermann, 1804)
Adoristes ovatus (C. L. Koch, 1839)

- Site C2: Hatchmere Lake (north bank) (SJ552723), habitat moss on mere banking date, 2/6/2010, VC58
- Site C3: The Plantation, Runcorn (SJ559838), habitat moss from woodland floor, date 18/9/1999, VC58
- Site C4: Abbott's Moss (SJ595688), habitat moss, collector Alan Scott, dates Nov 1996 & April 1997, VC58
- Site C5: Flaxmere Moss (SJ556723), habitat moss, collector Alan Scott, date March 1997, VC58
- Site C6: Dungeon SSSI, Wirral (SJ251831), habitat leaf litter and rock fragments, collector Alan Bowden NML, date 10/08/2006, VC58
- Site C7: Ness Gardens, Wirral (SJ304754), different species of ivy searched, collector Anothony Nickson, date not known, VC58
- Site C8: Wybunbury Moss (SJ697502), habitat moss from raised mire, date 23/6/1994 to 8/9/1994, collector NML, VC58.

The following species were listed for this site prior to NML collecting:

Walker (1970):

- Achipteria* Berlese, 1885 sp.
- Hoplophthiracarus illinosensis* (Ewing, 1909)
- Hypochthonius rufulus* C.L. Koch, 1835
- Limnozetes ciliatus* (Schrank, 1803)
- Melanozetes mollicomus* (C. L. Koch, 1839)
- Nanhermannia nana* (Nicolet, 1855)
- Nothrus silvestris* Nicolet, 1855
- Oppiella* (*Oppiella*) *falcata* (Paoli, 1908)
- Pergalumna nervosa* (Berlese, 1914)
- Pilogalumna tenuiclava* (Berlese, 1908)
- Platynothrus peltifer* (C. L. Koch, 1839)
- Tyrphonothrus foveolatus* (Willmann, 1931)
- Trimalaconothrus glaber* (Michael, 1888)

Suborder **Oribatida** van der Hammen, 1968

Infraorder **Enarthronota** Grandjean, 1969

Superfamily Brachychthonioidea Thor, 1934

Family Brachychthoniidae Thor, 1934

Genus *Brachychthonius* Berlese, 1910

Brachychthonius berleseii Willmann, 1928 (C4, C8)

Genus *Liochthonius* van der Hammen, 1952

Liochthonius alpestris (Forsslund, 1958) (C1) (record not yet published for GB)

Liochthonius brevis (Michael, 1888) (C1, C4)

Liochthonius evansi (Forsslund, 1958) (C1)

Liochthonius hystricinus (Forsslund, 1942) (C1) (record not yet published for GB)

Liochthonius neglectus Moritz, 1976 (C1)

Liochthonius perfusorius Moritz, 1976 (C1) (see Monson (1998))

Liochthonius sellnicki (Thor, 1930) (C8)

Genus *Mixochthonius* Niedbala, 1972

Mixochthonius pilosetosus Forsslund, 1942 (C1) (see Monson (2011))

Genus *Neobrachychthonius* Moritz, 1976

Neobrachychthonius marginatus (Forsslund, 1942) (C1)

Genus *Neolichthonius* Lee, 1982

Neolichthonius piluliferus (Forsslund, 1942) (C1)

Genus *Sellnickochthonius* Krivolutsky, 1964

Sellnickochthonius immaculatus (Forsslund, 1942) (C1)

Sellnickochthonius suecicus (Forsslund, 1942) (C8)

Sellnickochthonius zelawaiensis (Sellnick, 1928) (C2)

Superfamily Hypochthonioidea Berlese, 1910

Family Eniochthoniidae Grandjean, 1947

Genus *Eniochthonius* Grandjean, 1933

Eniochthonius minutissimus (Berlese, 1904) (C2, C8)

Family Hypochthoniidae Berlese, 1910
Genus *Hypochthonius* C. L. Koch, 1835
Hypochthonius rufulus C. L. Koch, 1835 (C1, C2, C4, C5, C8)

Infraorder **Mixonomata** Grandjean, 1969

Superfamily Epilohmannioidea Oudemans, 1923
Family Epilohmanniidae Oudemans, 1923
Genus *Epilohmannia* Berlese, 1910
Epilohmannia cylindrica (Berlese, 1904) (C3)
Superfamily Euphthiracaroidae Jacot, 1930
Family Euphthiracaridae Jacot, 1930
Genus *Microtrititia* Märkel and Meyer, 1959
Microtrititia minima Berlese, 1904 (C1)
Genus *Acrotrititia* Jacot, 1923
Acrotrititia ardua (C. L. Koch, 1841) (C1, C4, C5) (as *Rhysotrititia ardua* in Luxton (1996))
Acrotrititia duplicata (Grandjean, 1953) (C1, C2) (as *Rhysotrititia duplicata* in Luxton (1996))
Superfamily Phthiracaroidae Perty, 1841
Family Phthiracaridae Perty, 1841
Genus *Hoplophthiracarus* Jacot, 1933
Hoplophthiracarus illinoisensis (Ewing, 1909) (C4, C8) (as *Hoplophthiracarus pavidus* in Luxton (1996))
Genus *Phthiracarus* Perty, 1841
Phthiracarus affinis (Hull, 1914) (C1, C4, C8)
Phthiracarus anonymus (Grandjean, 1933) (C1, C8)
Phthiracarus ferrugineus (C. L. Koch, 1841) (C8)
Genus *Steganacarus* Ewing, 1917
Subgenus *Steganacarus (Atropacarus)* Ewing, 1917
Steganacarus (Atropacarus) striculus (C. L. Koch, 1835) (C1, C4, C5, C8)
Subgenus *Steganacarus (Steganacarus)* Ewing, 1917
Steganacarus (Steganacarus) magnus (Nicolet, 1855) (C1, C4, C5, C6, C7, C8)

Infraorder **Desmonomata** Woolley, 1973

Hyporder **Nothrina** van der Hammen, 1982

Superfamily Crotonioidea Thorell, 1876
Family Crotoniidae Thorell, 1876
Genus *Camasia* von Heyden, 1826
Camasia biurus (C. L. Koch, 1839) (C1, C8)
Camasia spinifer (C. L. Koch, 1835) (C1, C4, C8)
Genus *Platynothrus* Berlese, 1913
Platynothrus peltifer (C. L. Koch, 1839) (C1, C4, C5, C6, C8)
Family Hermanniidae Sellnick, 1928
Genus *Hermannia* Nicolet, 1855
Hermannia gibba (C. L. Koch, 1839) (C1, C6)
Hermannia scabra (L. Koch, 1879) (C6)
Family Malaconothridae Berlese, 1916
Genus *Malaconothrus* Berlese, 1904
Malaconothrus angulatus (Willmann, 1931) (C4) (see Monson (2014))
Malaconothrus monodactylus (Michael, 1888) (C1, C2, C4, C5, C8)
Malaconothrus vietsi (Willmann, 1925) (C4) (as *Trimalaconothrus vietsi* in Monson (2011))
Genus *Mucronothrus* Trägårdh, 1931
Mucronothrus nasalis (Willmann, 1929) (C4, C8)
Genus *Tyrphonothrus* Knülle, 1957
Tyrphonothrus foveolatus (Willmann, 1931) (C8) (as *Trimalaconothrus foveolatus* in Luxton (1996))
Tyrphonothrus glaber (Michael, 1888) (C8) (as *Trimalaconothrus glaber* in Luxton (1996))
Tyrphonothrus maior (Berlese, 1910) (C8) (as *Trimalaconothrus maior* in Luxton (1996))
Family Nanhermanniidae Sellnick, 1928

Genus *Nanhermannia* Berlese, 1913
Nanhermannia coronata Berlese, 1913 (C1, C4, C5, C8)
Nanhermannia elegantula Berlese, 1913 (C1)
Nanhermannia nana (Nicolet, 1855) (C1, C8)

Family Nothridae Berlese, 1896
Genus *Nothrus* C. L. Koch, 1835
Nothrus anauniensis Canestrini & Fanzago, 1876 (C1)
Nothrus palustris C. L. Koch, 1839 (C1, C4, C5, C8)
Nothrus pratensis Sellnick, 1928 (C4)
Nothrus silvestris Nicolet, 1855 (C8)

Hyporder **Brachypylina** Hull, 1918

Superfamily Hermannielloidea Grandjean, 1934
Family Hermanniellidae Grandjean, 1934
Genus *Hermanniella* Berlese, 1908
Hermanniella granulata (Nicolet, 1855) (C1, C4, C5, C8)

Superfamily Neoliodoidea Sellnick, 1928
Family Neoliodidae Sellnick, 1928
Genus *Neoliodes* Berlese, 1888
Neoliodes theleproctus (Hermann, 1804) (C7)

Superfamily Damaeioidea Berlese, 1896
Family Damaeidae Berlese, 1896
Genus *Damaeobelba* Sellnick, 1928
Damaeobelba minutissima (Sellnick, 1920) (C1, C2)

Subgenus *Damaeus* C. L. Koch, 1835
Damaeus (Adamaeus) onustus (C. L. Koch, 1841) (C4, C6, C7, C8)
Damaeus (Damaeus) auritus C. L. Koch, 1835 (C6, C7)
Damaeus (Paradamaeus) clavipes (Hermann, 1804) (C1, C8)

Genus *Metabelba* Grandjean, 1936
Metabelba papillipes (Nicolet, 1855) (C6, C8)

Genus *Porobelba* Grandjean, 1936
Porobelba spinosa (Sellnick, 1920) (C1, C2)

Superfamily Cepheoidea Berlese, 1896
Family Cepheidae Berlese, 1896
Genus *Cepheus* C. L. Koch, 1835
Cepheus cepheiformis (Nicolet, 1855) (C1, C4, C8)
Cepheus dentatus (Michael, 1888) (C1)
Cepheus latus C. L. Koch, 1835 (C1, C6)

Superfamily Ameroidea Bulanova-Zachvatkina, 1957
Family Caleremaeidae Grandjean, 1965
Genus *Caleremaeus* Berlese, 1910
Caleremaeus monilipes (Michael, 1882) (C1)

Superfamily Zetorchestoidea Michael, 1898
Family Eremaeidae Oudemans, 1900
Genus *Eueremaeus* Mihelčič, 1963
Eueremaeus oblongus (C. L. Koch, 1836) (C1) (as *Eremaeus oblongus* in Luxton (1996))

Superfamily Gustavioidea Oudemans, 1900
Family Astegistidae Balogh, 1961
Cultroribula juncta (Michael, 1885) (C1, C4)

Family Liacaridae Sellnick, 1928
Genus *Adoristes* Hull, 1916
Adoristes ovatus (C. L. Koch, 1839) (C1, C2, C4, C6, C8)

Genus *Xenillus* Robineau-Desvoidy, 1839
Xenillus tegeocranus (Hermann, 1804) (C1, C2, C4, C6)

Family Peloppiidae Balogh, 1943
Genus *Ceratoppia* Berlese, 1908
Ceratoppia bipilis (Hermann, 1804) (C1, C4, C5, C6, C8)

Superfamily Carabodoidea C. L. Koch, 1837
Family Carabodidae C. L. Koch, 1837

Genus *Carabodes* C. L. Koch, 1835
Carabodes femoralis (Nicolet, 1855) (C1)
Carabodes labyrinthicus (Michael, 1879) (C1, C2, C4, C8)
Carabodes marginatus (Michael, 1884) (C1)
Carabodes minusculus Berlese, 1923 (C1)
Carabodes rugosior Berlese, 1916 (C1, C2) (see Monson (2009))
Carabodes scaber Monson, 2009 (C1) (see Monson (2009))
Carabodes willmanni Bernini, 1975 (C1, C8)

Genus *Odontocepheus* Berlese, 1913
Odontocepheus elongatus (Michael, 1879) (C1, C2)

Superfamily Oppioidea Grandjean, 1951
Family Autognetidae Grandjean, 1960
Genus *Autogneta* Hull, 1916
Autogneta longilamellata (Michael, 1885) (C1)
Autogneta parva Forsslund, 1947 (C1)

Family Oppiidae Grandjean, 1951
Genus *Berniniella* J. Balogh, 1983
Berniniella sigma (Strenzke, 1951) (C1)

Genus *Dissorhina* Hull, 1916
Dissorhina ornata (Oudemans, 1900) (C1, C4, C5, C6, C8)

Genus *Oppiella* Jacot, 1937
Subgenus *Oppiella* (*Moritzoppia*) Subías & Rodríguez, 1988
Oppiella (*Moritzoppia*) *keilbachi* (Moritz, 1969) (C8)
Oppiella (*Moritzoppia*) *neerlandica* (Oudemans, 1900) (C1, C4, C5, C8)
Oppiella (*Moritzoppia*) *translamellata* (Willmann, 1923) (C8)
Oppiella (*Moritzoppia*) *unicarinata* (Paoli, 1908) (C1)

Subgenus *Oppiella* (*Oppiella*) Jacot, 1937
Oppiella (*Oppiella*) *falcata* (Paoli, 1908) (C8)
Oppiella (*Oppiella*) *maritima* (Willmann, 1929) (C1, C8)
Oppiella (*Oppiella*) *nova* (Oudemans, 1902) (C1)
Oppiella (*Oppiella*) *propinqua* Mahunka and Mahunka-Papp, 2000 (C1, C4, C5, C8) (see Monson (2014))

Subgenus *Oppiella* (*Rhinoppia*) Balogh, 1983
Oppiella (*Rhinoppia*) *obsoleta* (Paoli, 1908) (C1, C6) (as *Medioppia obsoleta* in Luxton (1996))
Oppiella (*Rhinoppia*) *subpectinata* (Oudemans, 1900) (C1, C4, C5, C8) (as *Medioppia subpectinata* in Luxton (1996))

Genus *Ramusella* Hammer, 1962
Ramusella fasciata (Paoli, 1908) (C4) (see Monson (2014))

Genus *Serratoppia* Subías and Mínguez, 1985
Serratoppia serrata (Mihelčič, 1956) (C1)

Family Quadroppiidae Balogh, 1983
Genus *Coronoquadroppia* Ohkubo, 1995
Coronoquadroppia galaica Mínguez, Ruis and Subías, 1985 (C1) (see Monson (1998))
Coronoquadroppia monstrosa (Hammer, 1979) (C3) (record not yet published for GB) – **Figure 3**
Coronoquadroppia pseudocircumita Mínguez, Ruis and Subías, 1985 (C1, C6) (see Monson (1998))

Genus *Quadroppia* Jacot, 1939
Quadroppia maritalis (Lions, 1982) (C1, C5, C6)
Quadroppia quadricarinata (Michael, 1885) (C1)

Family Thyrisomidae Grandjean, 1953
Genus *Banksinoma* Oudemans, 1930
Banksinoma lanceolata (Michael, 1885) (C1, C4, C5, C8)

Genus *Pantelozetes* Grandjean, 1953
Pantelozetes paolii (Oudemans, 1913) (C8)

Superfamily Trizetoidea Ewing, 1917
Family Suctobelbidae Jacot, 1938
Genus *Suctobelba* Jacot, 1937

Suctobelba regia Moritz, 1970 (C1) (record not yet published for GB)
Suctobelba trigona (Michael, 1888) (C1)
 Genus *Suctobelbata* Gordeeva, 1991
 Suctobelbata ypsilon signata (Mahunka and Mahunka-Papp, 1999) (C1) (record not yet published for GB)

Genus *Suctobelbella* Jacot, 1937
 Suctobelbella acutidens (Forsslund, 1941) (C1, C4, C5)
 Suctobelbella acutidens lobata (Strenzke, 1950) (C8) (as *Suctobelbella lobata* in Luxton (1996))
 Suctobelbella arcana Moritz, 1970 (C1) (see Monson (2014))
 Suctobelbella falcata (Forsslund, 1941) (C1, C4, C5)
 Suctobelbella hamata Moritz, 1970 (C1) (see Monson (2014))
 Suctobelbella moritzi Mahunka, 1987 (C1) (record not yet published for GB)
 Suctobelbella nasalis (Forsslund, 1941) (C1, C6)
 Suctobelbella perforata (Strenzke, 1950) (C1) (see Monson (2014))
 Suctobelbella sarekensis (Forsslund, 1941) (C1)
 Suctobelbella similis (Forsslund, 1941) (C1, C4, C5, C8)
 Suctobelbella subcornigera (Forsslund, 1941) (C1, C4, C5, C8)
 Suctobelbella subtrigona (Oudemans, 1900) (C1)
 Suctobelbella tuberculata (Strenzke, 1950) (C1) (record not yet published for GB)
 Suctobelbella vera Moritz, 1969 (C8)

Superfamily Tectocepheoidea Grandjean, 1954
 Family Tectocepheidae Grandjean, 1954
 Genus *Tectocepheus* Berlese, 1896
 Tectocepheus velatus (Michael, 1880) (C1, C4, C5, C8)

Superfamily Limnozetoidea Thor, 1937
 Family Hydrozetidae Grandjean, 1954
 Genus *Hydrozetes* Berlese, 1902
 Hydrozetes lacustris (Michael, 1882) (C4)

Family Limnozetidae Thor, 1937
 Genus *Limnozetes* Hull, 1916
 Limnozetes ciliatus (Schrank, 1803) (C4, C5, C8)
 Limnozetes rugosus (Sellnick, 1923) (C1, C8)

Superfamily Ameronothroidea Willmann, 1931
 Family Ameronothridae Willmann, 1931
 Genus *Ameronothrus* Berlese, 1896
 Ameronothrus maculatus (Michael, 1882) (C1)
 Ameronothrus marinus (Banks, 1896) (C2) (usually a maritime species) (as *Hygoribates marinus* in Luxton (1996))
 Ameronothrus schneideri (Oudemans, 1903) (C6) (as *Hygoribates schneideri* in Luxton (1996))

Superfamily Cymbaeremaeoidea Sellnick, 1928
 Family Cymbaeremaeidae Sellnick, 1928
 Genus *Cymbaeremaeus* Berlese, 1896
 Cymbaeremaeus cymba (Nicolet, 1855) (C3)

Superfamily Licneremaeoidea Grandjean, 1954
 Family Micreremidae Grandjean, 1954
 Genus *Micreremus* Berlese, 1908
 Micreremus brevipes (Michael, 1888) (C1, C2)

Superfamily Phenopelopoidea Petrunkevitch, 1955
 Family Phenopelopidae Petrunkevitch, 1955
 Genus *Eupelops* Ewing, 1917
 Eupelops acromios (Hermann, 1804) (C6)
 Eupelops farinosus (Nicolet, 1855) (C1)
 Eupelops plicatus (C. L. Koch, 1835) (C1, C6)
 Eupelops tardus (C. L. Koch, 1835) (C1)
 Eupelops torulosus (C. L. Koch, 1835) (C1, C4, C8)

Genus *Peloptulus* Berlese, 1908
 Peloptulus montanus Hull, 1914 (C1, C4)
 Peloptulus phaeonotus (C. L. Koch, 1844) (C1, C8)

Superfamily Achipterioidea Thor, 1929
 Family Achipteriidae Thor, 1929
 Genus *Achipteria* Berlese, 1885
 Achipteria Berlese, 1885 sp. (C8)
 Genus Parachipteria van der Hammen, 1952 (C8)
 Superfamily Oribatelloidea Jacot, 1925
 Family Oribatellidae Jacot, 1925
 Genus *Ophidiotrichus* Grandjean, 1953
 Ophidiotrichus tectus (Michael, 1884) (C1)
 Genus *Oribatella* Banks, 1895
 Oribatella calcarata (C. L. Koch, 1835) (C1)
 Oribatella quadricornuta (Michael, 1880) (C8)
 Superfamily Oripodoidea Jacot, 1925
 Family Oribatulidae Thor, 1929
 Genus *Oribatula* Berlese, 1895
 Oribatula tibialis (Nicolet, 1855) (C1, C4, C6, C8)
 Genus *Liebstadia* Oudemans, 1906
 Family Scheloribatidae Grandjean, 1933
 Liebstadia similis (Michael, 1888) (C4, C5, C8)
 Genus *Scheloribates* Berlese, 1908
 Subgenus *Scheloribates* (*Hemileius*) Berlese, 1916
 Scheloribates (*Hemileius*) *initialis* (Berlese, 1908) (C3, C8)
 Subgenus *Scheloribates* (*Scheloribates*) Berlese, 1908
 Scheloribates (*Scheloribates*) *latipes* (C. L. Koch, 1844) (C4, C5)
 Scheloribates (*Scheloribates*) *pallidulus* (C. L. Koch, 1841) (C8)
 Superfamily Ceratozetoidea Jacot, 1925
 Family Ceratozetidae Jacot, 1925
 Genus *Ceratozetes* Berlese, 1908
 Ceratozetes gracilis (Michael, 1884) (C1, C2, C6, C8)
 Ceratozetes parvulus Sellnick, 1922 (C4, C8) (see Monson (1997))
 Genus *Edwardzetes* Berlese, 1914
 Edwardzetes edwardsi (Nicolet, 1855) (C1, C4, C8)
 Genus *Fuscozetes* Sellnick, 1928
 Fuscozetes fuscipes (C. L. Koch, 1844) (C8)
 Genus *Melanozetes* Hull, 1916
 Melanozetes mollicornus (C. L. Koch, 1839) (C1, C8)
 Melanozetes stagnatilis (Hull, 1914) (C3)
 Genus *Trichoribates* Berlese, 1910
 Trichoribates berleseii Jacot, 1929 (C6, C8) (= *T. trimaculatus* sensu Sellnick, 1928,
 Weigmann 2006) (as *T. trimaculatus* in Luxton (1996))
 Trichoribates incisellus (Kramer, 1897) (C8) (as *Latilamellobates incisellus* in Luxton (1996))
 Family Chamobatidae Grandjean, 1954
 Genus *Chamobates* Hull, 1916
 Chamobates cuspidatus (Michael, 1884) (C1, C6, C8)
 Chamobates interpositus Pschorn-Walcher, 1953 (C1, C2, C4, C8)
 Chamobates pusillus (Berlese, 1895) (C1, C4, C5)
 Chamobates subglobulus (Oudemans, 1900) (C6)
 Family Euzetidae Grandjean, 1954
 Genus *Euzetes* Berlese, 1908
 Euzetes nitens (Johnston, 1853) (C1, C4, C6, C8)
 (Note: this species is generally referred to as *Euzetes globulus* (Nicolet, 1855). However, as
 Hull (1920) has pointed out, Johnston's name, being earlier, takes precedence. The even
 earlier name suggested by some authors (*Euzetes seminilum* (O. F. Müller, 1876) has been
 dismissed by van der Hammen (1952) as being insufficiently founded (Luxton (1990)).
 Family Humerobatidae, Grandjean, 1971
 Genus *Humerobates* Sellnick, 1928
 Humerobates rostromellatus Grandjean, 1936 (C6, C7, C8)
 Family Mycobatidae Grandjean, 1954
 Genus *Minunthozetes* Hull, 1916
 Minunthozetes semirufus (C. L. Koch, 1841) (C1, C2, C4, C5, C8)

Genus *Punctoribates* Berlese, 1908
 Punctoribates punctum (C. L. Koch, 1839) (C1, C2, C6, C8)
 Punctoribates sellnicki Willmann, 1928 (C4, C8) (see Monson (2000))
Superfamily Galumnoidea Jacot, 1925
Family Galumnidae Jacot, 1925
Genus *Pergalumna* Grandjean, 1936
 Pergalumna altera (Oudemans, 1915) (C8)
 Pergalumna nervosa (Berlese, 1914) (C4, C8)
Genus *Pilogalumna* Grandjean, 1956
 Pilogalumna tenuiclava (Berlese, 1908) (C4, C5, C8)

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