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SYSTEMATIC CHECKLIST AND DISTRIBUTION UPDATE OF THE ORIBATIDA (ACARI) IN *QUERCUS ROBUR* L. FOREST SOILS OF THE NORTH OF THE IBERIAN PENINSULA

Iñaki Balanzategui, Elena Corral-Hernández & J. Carlos Iturrondobeitia

Zoology and Animal Cell Biology Department. Faculty of Science and Technology. University of the Basque Country (UPV-EHU). Barrio Sarriena s/n. 48940 Leioa. Bizkaia.
inaki.balanzategui@ehu.eus ; elena.corral@ehu.eus ; juancarlos.iturrondobeitia@ehu.eus

Abstract: The oribatid mite communities of four *Quercus robur* forest soils in the Basque Country administrative region, in the north of the Iberian Peninsula, were studied for three years. A total of 8,208 specimens were collected, and a systematic checklist of the 159 identified species is presented here. The known distribution of 36 species is extended.
Key words: Acari, Oribatida, *Quercus robur*, soils, checklist, taxonomy, distribution, biogeography, Spain, Basque Country.

Listado sistemático y actualización de la distribución de los Oribatida (Acari) de suelos de bosques de *Quercus robur* L. del norte de la Península Ibérica
Resumen: Durante tres años se estudiaron las comunidades de ácaros oribátidos de suelos de cuatro bosques de *Quercus robur* de la Comunidad Autónoma del País Vasco, en el norte de la Península Ibérica. Se recogieron un total de 8.208 ejemplares, y se presenta el listado sistemático de las 159 especies identificadas. Se amplía la distribución conocida de 36 especies.
Palabras clave: Acari, Oribatida, *Quercus robur*, suelos, listado, taxonomía, distribución, biogeografía, España, País Vasco.

Introduction

Included in the context of the Basque Plan to Combat Climate Change 2008-2012, this study shows the second part of the results of the strategic governmental project ETORTEK: K-Egokitzen, focusing on the study of soil oribatid mite communities of different *Quercus robur* L. forests distributed in different climatic zones of the Basque Country.

More than 11,000 species and subspecies of Oribatida representing 163 families are included in the checklist of the world's oribatid mites (Subías, 2018), from which 1,003 species and subspecies are known in the peninsular Spain and the Balearic Islands (Subías *et al*., 2018).

Materials and methods

Sampling was conducted from late spring to early summer of 2008, 2009 and 2010 in four *Q. robur* forest soils, located in the Autonomous Community of the Basque Country, in the north of the Iberian Peninsula:

RO01: acidophilous oak forest (*Hyperico pulchri-Quercetum roboris* Rivas Mart., Báscones, T. E. Díaz, F. Fernández-González *et* Loidi 1991). Urduliz (Biscay); UTM (datum WGS84): 30N 504430 4803719. Elevation 40 m.

RO02: acidophilous oak forest (*Hyperico pulchri-Quercetum roboris* Rivas Mart., Báscones, T. E. Díaz, F. Fernández-González *et* Loidi 1991). Añarbe (Gipuzkoa); UTM (datum WGS84): 30N 590429 4787869. Elevation 320 m.

RO03: mesophitic oak forest (*Crataego laevigatae-Quercetum roboris* Rivas-Martínez & Loidi 1988). Izarra (Araba); UTM (datum WGS84): 30N 509647 4755733. Elevation 620 m.

RO04: mesophitic oak forest (*Crataego laevigatae-Quercetum roboris* Rivas-Martínez & Loidi 1988). Peñacerrada (Araba); UTM (datum WGS84): 30N 523083 4720337. Elevation 769 m.

Soil sampling methodology, soil fauna extraction and identification to species level of adult oribatid mites was performed as described previously in Balanzategui *et al.* (2016). The specimens were deposited in the Laboratory of Arthropods (Zoology and Animal Cell Biology Department, UPV-EHU), Leioa, Spain.

The systematic checklist has been prepared according to Subías (2018) and new distribution data to the Iberian Peninsula have been compared with Subías *et al*. (2018). The label of the oak forest where each species was collected is presented in the list. When the species is recorded for the first time in a province, the code 1st followed by the province label (A: Araba, B: Biscay, G: Gipuzkoa) is also noted.

Results

A total of 8,208 specimens belonging to 159 species of 47 families were identified. The known distribution area of 36 species is extended to Spanish provinces of Araba, Biscay and / or Gipuzkoa: 18 species for Araba, 6 species for Biscay and 16 species for Gipuzkoa.

Order O R I B A T I D A Dugès, 1834

Suborder PARHYPOSOMATA Balogh & Mahunka, 1979

Parhypochthonioidea Grandjean, 1932
Gehypochthoniidae Strenzke, 1963
Gehypochthonius Jacot, 1936

Gehypochthonius rhadamanthus Jacot, 1936. RO02

Suborder ENARTHRONOTA Grandjean, 1947

Brachychthonioidea Thor, 1934
Brachychthoniidae Thor, 1934
Liochthonius s. str. Hammen, 1959

Liochthonius (L.) brevis (Michael, 1888). RO01, RO02, RO04.
Liochthonius (L.) hystricinus (Forsslund, 1942). RO01, RO04.
Liochthonius (L.) leptaleus Moritz, 1976. RO04.

Liochthonius (L.) muscorum Forsslund, 1964. RO01, RO02, RO04. **1st G**.
Liochthonius (L.) sellnicki (Thor, 1930). RO01, RO02. **1st G**.

Poecilochthonius Balogh, 1943

Poecilochthonius spiciger (Berlese, 1910). RO01, RO02, RO03, RO04. **1st G**.

Sellnickochthonius Krivolutsky, 1964

Sellnickochthonius cricoides (Weis-Fogh, 1948). RO02. **1st G**.
Sellnickochthonius furcatus (Weis-Fogh, 1948). RO04.
Sellnickochthonius immaculatus (Forsslund, 1942). RO01, RO04.
Sellnickochthonius jacoti (Evans, 1952). RO02. **1st G**.
Sellnickochthonius rostratus hungaricus (Balogh, 1943). RO01, RO04. **1st B**.
Sellnickochthonius suecicus (Forsslund, 1942). RO04. **1st A**.
Sellnickochthonius zelawaiensis (Sellnick, 1928). RO03. **1st A**.

Synchthonius Hammen, 1952

Synchthonius crenulatus (Jacot, 1938). RO02. **1st G**.

Hypochthonioidea Berlese, 1910
Eniochthoniidae Grandjean, 1947
Hypochthoniella Berlese, 1910

Hypochthoniella minutissima (Berlese, 1904). RO04. **1st A**.

Suborder MIXONOMATA Grandjean, 1969

Infraorder DICHOSOMATA Balogh & Mahunka, 1979
Perlohmannioidea Grandjean, 1954
Perlohmaniidae Grandjean, 1954
Perlohmannia s. str. Berlese, 1916

Perlohmannia (P.) dissimilis (Hewitt, 1908). RO01, RO02. **1st B**.

Infraorder EUPTYCTIMA Grandjean, 1967
Euphthiracaroidea Jacot, 1930
Euphthiracaridae Jacot, 1930
Acrotritia Jacot, 1923

Acrotritia ardua s. str. (Koch, 1841). RO03.
Acrotritia duplicata (Grandjean, 1953). RO04.

Euphthiracarus s. str. Ewing, 1917

Euphthiracarus (E.) monodactylus (Willmann, 1919). RO01, RO02.

Phthiracaroidea Perty, 1841
Phthiracaridae Perty, 1841
Atropacarus Ewing, 1917

Atropacarus wandae (Niedbała, 1981). RO01, RO03.

Phthiracarus s. str. Perty, 1841

Phthiracarus (P.) laevigatus (Koch, 1841). RO01, RO02, RO03.
Phthiracarus (P.) ferrugineus (Koch, 1841). RO01, RO02, RO03. **1st A**.
Phthiracarus (Archiphthiracarus) Balogh & Mahunka, 1979
Phthiracarus (A.) anonymus Grandjean, 1933. RO01.
Phthiracarus (A.) globosus (Koch, 1841). RO01, RO02, RO03, RO04.
Phthiracarus (A.) montanus Pérez-Íñigo, 1969. RO03.
Phthiracarus (A.) piger (Scopoli, 1763). RO02, RO03.

Rhacaplacarus s. str. Niedbała, 1986

Rhacaplacarus (R.) ortizi (Pérez-Íñigo, 1970). RO01, RO02, RO03.

Steganacarus s. str. Ewing, 1917

Steganacarus (S.) herculeanus Willmann, 1953. RO02.
Steganacarus (S.) magnus s. str. (Nicolet, 1855). RO01, RO03, RO04.
Steganacarus (S.) michaeli Bernini y Avanzati, 1987. RO01, RO02, RO03, RO04. **1st A**.

Suborder HOLOSOMATA Grandjean, 1969

Crotonioidea Thorell, 1876
Malaconothridae Berlese, 1916
Malaconothrus Berlese, 1904

Malaconothrus (M.) monodactylus (Michael, 1888). RO01, RO02.

Nothridae Berlese, 1896
Nothrus Koch, 1836

Nothrus borussicus Sellnick, 1928. RO04. **1st A**.
Nothrus palustris s. str. Koch, 1839. RO01, RO02, RO03. **1st A, 1st G**.
Nothrus silvestris s. str. Nicolet, 1855. RO01.

Crotoniidae Thorell, 1876
Camisia s. str. Heyden, 1826

Camisia (C.) segnis (Hermann, 1804). RO02, RO03. **1st A, 1st G**.
Camisia (C.) spinifer (Koch, 1835). RO04.

Heminothrus s. str. Berlese, 1913

Heminothrus (H.) targionii (Berlese, 1885). RO04. **1st A.**
Heminothrus (Platynothrus) Berlese, 1913
Heminothrus (P.) peltifer s. str. (Koch, 1839). RO01, RO02, RO03, RO04.

Suborder BRACHYPYLINA Hull, 1918

Infraorder PYCNONOTICAE Grandjean, 1954
Nanhermannioidea Sellnick, 1928
Nanhermanniidae Sellnick, 1928
Nanhermannia s. str. Berlese, 1913

Nanhermannia (N.) nana (Nicolet, 1855). RO01, RO03, RO04.

Hermannioidea Sellnick, 1928
Hermanniidae Sellnick, 1928
Hermannia s. str. Nicolet, 1855

Hermannia (H.) gibba (Koch, 1839). RO01.

Hermannielloidea Grandjean, 1934
Hermanniellidae Grandjean, 1934
Hermanniella Berlese, 1908

Hermanniella dolosa Grandjean, 1931. RO01, RO03, RO04.
Hermanniella granulata (Nicolet, 1855). RO01, RO02, RO03, RO04.
Hermanniella septentrionalis Berlese, 1910. RO03.

Neoliodoidea Sellnick, 1928
Neoliodidae Sellnick, 1928
Neoliodes Berlese, 1888

Neoliodes theleproctus (Hermann, 1804). RO03.

Poroliodes Grandjean, 1934

Poroliodes farinosus (Koch, 1839). RO03, RO04.

Gymnodamaeoidea Grandjean, 1954
Gymnodamaeidae Grandjean, 1954
Arthrodamaeus Grandjean, 1954

Arthrodamaeus reticulatus (Berlese, 1910). RO02.

Damaeoidea Berlese, 1896
Damaeidae Berlese, 1896
Belba s. str. Heyden, 1826

Belba (B.) patelloides (Michael, 1888). RO04.

Damaeus s. str. Koch, 1835

Damaeus (D.) auritus Koch, 1835. RO01, RO02.
Damaeus (D.) firmus Kunst, 1957. RO04.
Damaeus (D.) maximus Mihelčič, 1957. RO01, RO03, RO04.
Damaeus (Adamaeus) Norton, 1977
Damaeus (A.) onustus Koch, 1841. RO01, RO03, RO04.
Damaeus (Paradamaeus) Bulanova-Zachvatkina, 1957
Damaeus (P.) clavipes (Hermann, 1804). RO01, RO02, RO04.

Metabelba s. str. Grandjean, 1936

Metabelba (M.) papillipes (Nicolet, 1855). RO04.

Porobelba Grandjean, 1936

Porobelba spinosa (Sellnick, 1920). RO02, RO04. **1st G.**

Eutegaeoidea Balogh, 1965
Compactozetidae Luxton, 1988
Cepheus Koch, 1835

Cepheus tuberculosus Strenzke, 1951. RO03. **1st A.**

Conoppia Berlese, 1908
Conoppia palmicincta (Michael, 1880). RO02.

Tritegeus Berlese, 1913

Tritegeus bisulcatus Grandjean, 1953. RO03.

Gustavioidea Oudemans, 1900
Astegistidae Balogh, 1961
Cultroribula Berlese, 1908

Cultroribula bicultrata (Berlese, 1905). RO01, RO04.

Ceratoppiidae Kunst, 1971
Ceratoppia Berlese, 1908

Ceratoppia bipilis (Hermann, 1804). RO02, RO03, RO04.

Gustaviidae Oudemans, 1900
Gustavia Kramer, 1879

Gustavia maior (Berlese, 1904). RO01.
Gustavia microcephala (Nicolet, 1855). RO03.

Liacaridae Sellnick, 1928
Adoristes s. str. Hull, 1916

Adoristes (A.) ovatus poppei (Oudemans, 1906). RO03, RO04. **1st A.**

Liacarus s. str. Michael, 1898

Liacarus (L.) brevilamellatus s. str. Mihelčič, 1955. RO04. **1st A.**
Liacarus (L.) coracinus s. str. (Koch, 1841). RO01, RO02.
Liacarus (L.) subterraneus (Koch, 1844). RO02, RO03. **1st G.**

Planoristes Iturrondobeitia & Subías, 1978

Planoristes acuspidatus Iturrondobeitia & Subías, 1978. RO02.

Xenillidae Woolley & Higgins, 1966
Xenillus s. str. Robineau-Desvoidy, 1839

Xenillus (X.) clypeator Robineau-Desvoidy, 1839. RO01, RO03, RO04.
Xenillus (X.) discrepans s. str. Grandjean, 1936. RO01, RO03. **1st A, 1st B.**
Xenillus (X.) tegeocranus (Hermann, 1804). RO01, RO02, RO03, RO04.

Eremaeoidea Oudemans, 1900
Eremaeidae Oudemans, 1900
Eremaeus Koch, 1835

Eremaeus hepaticus cordiformis Grandjean, 1934. RO03, RO04.

Eueremaeus Mihelčič, 1963

Eueremaeus oblongus s. str. (Koch, 1835). RO01, RO04.

Ameroidea Bulanova-Zachvatkina, 1957
Ctenobelbidae Grandjean, 1965
Ctenobelba s. str. Balogh, 1943

Ctenobelba (C.) perezinigoi Moraza, 1985. RO02. **1st G.**

Amerobelbidae Grandjean, 1961
Mongaillardia Grandjean, 1961

Mongaillardia eveana Grandjean, 1961. RO02. **1st G.**

Ameridae Bulanova-Zachvatkina, 1957
Amerus s. str. Berlese, 1896

Amerus (A.) polonicus Kulczynski, 1902. RO01, RO02.

Oppioidea Sellnick, 1937
Thyrisomidae Grandjean, 1953
Banksinoma Oudemans, 1930

Banksinoma lanceolata (Michael, 1885). RO01, RO03.

Oppiidae Sellnick, 1937
Oppiinae Sellnick, 1937
Oppia Koch, 1836

Oppia denticulata (G. & R. Canestrini, 1882). RO01.

Multioppiinae Balogh, 1983
Multioppia s. str. Hammer, 1961

Multioppia (M.) neglecta Pérez-Íñigo, 1969. RO04.

Ramusella s. str. Hammer, 1962

Ramusella (R.) puertomonttensis Hammer, 1962. RO03.
Ramusella (Insculptoppia) Subías, 1980
Ramusella (I.) elliptica (Berlese, 1908). RO01, RO03, RO04.
Ramusella (I.) furcata (Willmann, 1928). RO03. **1st A.**
Ramusella (I.) insculpta (Paoli, 1908). RO01.

Medioppiinae Subías & Mínguez, 1985
Microppia Balogh, 1983

Microppia minus s. str. (Paoli, 1908). RO01, RO02, RO03, RO04.

Rhinoppia s. str. Balogh, 1983

Rhinoppia (R.) media (Mihelčič, 1956). RO01, RO03, RO04.
Rhinoppia (R.) minidentata (Subías y Rodríguez, 1988). RO01, RO03.
Rhinoppia (R.) obsoleta s. str. (Paoli, 1908). RO01, RO02, RO03, RO04.
Rhinoppia (R.) subpectinata (Oudemans, 1900). RO01, RO02, RO03.
Rhinoppia (R.) tridentata (Subías y Mínguez, 1985). RO02.
Rhinoppia (R.) vera (Mihelčič, 1956). RO01, RO02.

Serratoppia Subías & Mínguez, 1985

Serratoppia intermedia Subías & Rodríguez, 1988. RO01, RO02, RO04.
Serratoppia serrata (Mihelčič, 1956). RO01, RO04.

Oppiellinae Seniczak, 1975
Berniniella s. str. Balogh, 1983

Berniniella (B.) conjuncta (Strenzke, 1951). RO04.
Berniniella (B.) inornata (Mihelčič, 1957). RO01, RO04.
Berniniella (B.) serratirostris s. str. (Golosova, 1970). RO01, RO04.
Berniniella (B.) serratirostris hauseri (Mahunka, 1974). RO04.

Dissorhina Hull, 1916

Dissorhina ornata s. str. (Oudemans, 1900). RO01, RO02, RO03.

Moritzoppia s. str. Subías & Rodríguez, 1988

Moritzoppia (M.) unicarinata s. str. (Paoli, 1908). RO02.

Neotrichoppia s. str. Subías & Iturrondobeitia, 1980

Neotrichoppia (N.) pseudoconfinis Subías & Iturrondobeitia, 1980. RO01, RO04.

Neotrichoppia (Ancestroppia) Subías & Rodríguez, 1986

Neotrichoppia (A.) berninii Subías & Rodríguez, 1986. RO01.

Neotrichoppia (Confinoppia) Subías & Rodríguez, 1986

Neotrichoppia (C.) confinis tenuiseta Subías y Rodríguez, 1986. RO02.
Neotrichoppia (C.) variabilis Iturrondobeitia & Subías, 1981. RO01, RO02.

Oppiella s. str. Jacot, 1937

Oppiella (O.) nova s. str. (Oudemans, 1902). RO01, RO02, RO03. RO04.

Oxyoppiinae Subías, 1989
Subiasella (Lalmoppia) Subías & Rodríguez, 1986

Subiasella (L.) quadrimaculata (Evans, 1952). RO02.

Machuellidae Balogh, 1983
Machuella Hammer, 1961

Machuella draconis Hammer, 1961. RO01, RO02, RO04.

Quadroppiidae Balogh, 1983
Quadroppia s. str. Jacot, 1939

Quadroppia (Q.) hammerae Mínguez, Ruíz & Subías, 1985. RO01.
Quadroppia (Q.) maritalis Lions, 1982. RO01, RO02, RO04.
Quadroppia (Coronoquadroppia) Ohkubo, 1995
Quadroppia (C.) pseudocircumita Mínguez, Ruíz & Subías, 1985. RO01.

Trizetoidea Ewing, 1917
Suctobelbidae Jacot, 1938
Suctobelba Paoli, 1908

Suctobelba granulata Hammen, 1952. RO01. **1st B.**
Suctobelba regia Moritz, 1970. RO02. **1st G.**
Suctobelba trigona (Michael, 1888). RO01, RO02, RO04.

Suctobelbella s. str. Jacot, 1937

Suctobelbella (S.) acutidens s. str. (Forsslund, 1941). RO01, RO02, RO03, RO04.
Suctobelbella (S.) acutidens sarekensis (Forsslund, 1941). RO01, RO02, RO03, RO04.
Suctobelbella (S.) longicuspis s. str. Jacot, 1937. RO01, RO02, RO04. **1st G.**
Suctobelbella (S.) perforata (Strenzke, 1950). RO01, RO02, RO04. **1st A, 1st B.**
Suctobelbella (S.) subcornigera s. str. (Forsslund, 1941). RO01, RO02, RO03, RO04.

Suctobelbella (Flagrosuctobelba) Hammer, 1979

Suctobelbella (F.) alloenasuta Moritz, 1971. RO04.
Suctobelbella (F.) forsslundi s. str. (Strenzke, 1950). RO01, RO02, RO03, RO04.
Suctobelbella (F.) subtrigona (Oudemans, 1900). RO04.

Carabodoidea Koch, 1837
Carabodidae Koch, 1837
Carabodes s. str. Koch, 1835

Carabodes (C.) arduinii Valle, 1955. RO03.
Carabodes (C.) coriaceus Koch, 1835. RO01, RO04.
Carabodes (C.) labyrinthicus (Michael, 1879). RO03, RO04. **1st A**
Carabodes (C.) palmifer Berlese, 1904. RO02. **1st G**
Carabodes (C.) perezinigoi Salinas, 1971. RO03.

Odontocepheus s. str. Berlese, 1913

Odontocepheus (O.) elongatus (Michael, 1879). RO01, RO02, RO03, RO04.
Odontocepheus (O.) espatulatus Saloña & Iturrondobeitia, 1989. RO02.

Tectocepheoidea Grandjean, 1954
Tectocepheidae Grandjean, 1954
Tectocepheus Berlese, 1896

Tectocepheus alatus Berlese, 1913. RO04.
Tectocepheus minor Berlese, 1903. RO01, RO02.
Tectocepheus velatus s. str. (Michael, 1880). RO02, RO03, RO04.

Infraorder PORONOTICAE Grandjean, 1954
Licneremaeoidea Grandjean, 1931
Micreremidae Grandjean, 1954
Micreremus Berlese, 1908

Micreremus brevipes (Michael, 1888). RO03.

Phenopelopoidea Petrunkevitch, 1955
Phenopelopidae Petrunkevitch, 1955
Eupelops Ewing, 1917

Eupelops acromios s. str. (Hermann, 1804). RO01, RO03. **1st A.**
Eupelops major s. str. (Hull, 1914). RO03, RO04.
Eupelops plicatus (Koch, 1835). RO04.

Peloptulus Berlese, 1908

Peloptulus montanus Hull, 1914. RO03.

Microzetoidea Grandjean, 1936
Microzetidae Grandjean, 1936
Amiracarus Miko, 2013

Amiracarus similis (Subías & Iturrondobeitia, 1978). RO02.

Achipterioidea Thor, 1929
Achipteriidae Thor, 1929
Achipteria s. str. Berlese, 1885

Achipteria (A.) coleoptrata (Linnaeus, 1758). RO01, RO03, RO04.
Achipteria (A.) nitens (Nicolet, 1855). RO04.

Cerachipteria Grandjean, 1935

Cerachipteria digita jugata Mihelčič, 1956. RO01, RO02, RO03, RO04.

Parachipteria Hammen, 1952

Parachipteria magna (Sellnick, 1928). RO02, RO03.
Parachipteria punctata (Nicolet, 1855). RO03. **1st A.**

Oribatelloidea Jacot, 1925
Oribatellidae Jacot, 1925
Ophidiotrichus Grandjean, 1953

Ophidiotrichus tectus (Michael, 1884). RO01.

Oribatella s. str. Banks, 1895

Oribatella (O.) quadricornuta (Michael, 1880). RO04.

Ceratozetoidea Jacot, 1925
Ceratozetidae Jacot, 1925
Ceratozetes s. str. Berlese, 1908

Ceratozetes (C.) armatus Mihelčič, 1956. RO01.
Ceratozetes (C.) mediocris Berlese, 1908. RO01.
Ceratozetes (C.) peritus Grandjean, 1951. RO01, RO02, RO03, RO04.
Ceratozetes (C.) simulator Pérez-Íñigo, 1970. RO01.

Chamobatidae Thor, 1937
Chamobates s. str. Hull, 1916

Chamobates (C.) pusillus (Berlese, 1895). RO01, RO02, RO03.

Humerobatidae Grandjean, 1970
Humerobates s. str. Sellnick, 1928

Humerobates (H.) rostrolamellatus guadarramicus Pérez-Íñigo, 1972. RO04.

Punctoribatidae Thor, 1937
Minunthozetes s. str. Hull, 1916

Minunthozetes (M.) semirufus (Koch, 1841). RO01, RO03.

Minunthozetes (Inigozetes) Subías, 2000

Minunthozetes (I.) reticulatus Pérez-Íñigo, 1969. RO03.

Punctoribates s. str. Berlese, 1908

Punctoribates (P.) punctum (Koch, 1839). RO03.

Oripodoidea Jacot, 1925
Oribatulidae Thor, 1929
Oribatula s. str. Berlese, 1896

Oribatula (O.) tibialis (Nicolet, 1855). RO02, RO03, RO04.

Phauloppia Berlese, 1908

Phauloppia lucorum (Koch, 1841). RO01, RO03, RO04.

Hemileiidae J. & P. Balogh, 1984
Hemileius s. str. Berlese, 1916

Hemileius (H.) initialis (Berlese, 1908). RO04.

Liebstadiidae J. & P. Balogh, 1984
Liebstadia s. str. Oudemans, 1906

Liebstadia (L.) longior (Berlese, 1908). RO02, RO03. **1st G**

Scheloribatidae Grandjean, 1933
Scheloribates s. str. Berlese, 1908

Scheloribates (S.) laevigatus s. str. (Koch, 1835). RO01, RO02, RO04.

Oripodidae Jacot, 1925
Truncopes Grandjean, 1956

Truncopes optatus Grandjean, 1956. RO01. **1st B**

Protoribatidae J. & P. Balogh, 1984
Protoribates s. str. Berlese, 1908

Protoribates (P.) capucinus s. str. Berlese, 1908. RO01.

Galumnoidea Jacot, 1925
Galumnidae Jacot, 1925
Acrogalumna Grandjean, 1956

Acrogalumna longipluma s. str. (Berlese, 1904). RO01, RO03, RO04.

Galumna s. str. Heyden, 1826

Galumna (G.) lanceata (Oudemans, 1900). RO04.

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