

COLLECTION CATALOGUE

Catalogue of type specimens of the superfamily Diaprioidea (Hymenoptera) deposited in the National Museum of the Czech Republic^{*)}

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Accepted:

16th December 2024

Published online:

26th December 2024

Abstract. Type specimens from the collection of Hymenoptera deposited in the Department of Entomology, National Museum of the Czech Republic, are currently being catalogued. In this part of the catalogue we deal with the superfamily Diaprioidea Haliday, 1833. We present precise information about the 46 species belonging to the family Diapriidae Haliday, 1833: four species in the subfamily Ambositrinae Masner, 1961; 34 species in the subfamily Belytinae Förster, 1856, including 30 holotype specimens, and eight species in the subfamily Diapriinae Haliday, 1833, including four holotype specimens. We also present precise information about one species belonging to the family Maamingidae Early, Masner, Naumann & Be, 2001. In total, 758 type specimens of the superfamily Diaprioidea are deposited in the National Museum of the Czech Republic. Most species belonging to the family Diapriidae were described by Jan Macek. Current status, distribution and photos are provided for each taxon. For many species listed in this catalogue, these are the first-ever published photographs. The holotype and allotype of two species, *Aprestes modesta* Macek, 1997 and *A. rugifrons* Macek, 1997, the holotype of *Aprestes japonica* Macek, 1997, and the allotype of *Aclista pseudobitensis* Macek, 2007 are currently missing but available data on these specimens are provided.

Key words. Hymenoptera, Diaprioidea, Diapriidae, Maamingidae, catalogue, type specimens, National Museum of the Czech Republic

Zoobank: <http://zoobank.org/urn:lsid:zoobank.org:pub:3A3E6093-5854-4CB3-8487-F07B7C5BE85C>

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Introduction

The entomological collection of the National Museum of the Czech Republic (NMPC) houses over 8 million specimens, including tens of thousands of primary types. While the majority of these specimens, as well as type material, belong to the order Coleoptera (beetles), the collection encompasses nearly all insect orders to varying extents, including numerous primary types. The Hymenoptera collection, estimated at around 550,000 specimens, represents a smaller but significant part of the collection, with many primary types that are now catalogued in ongoing contributions. The history of the entomological collections in NMPC was previously reviewed by BEZDĚK & HÁJEK (2009), KMENT & KOLÍNOVÁ (2013), TKOČ et al.

(2014), MACHÁČKOVÁ & FIKÁČEK (2014) and MALENOVSKÝ et al. (2016), focusing on Coleoptera, Heteroptera, Diptera, Polyneoptera, and Sternorrhyncha, respectively.

To date, the Hymenoptera families Formicidae and Braconidae have been catalogued in the NMPC (BEZDĚKOVÁ et al. 2017 and HOVORKA & MACEK 2022). In this contribution, we continue this effort by providing a list of types, accompanied by images, for the families Diapriidae and Maamingidae.

Diapriidae predominantly target dipteran larvae (AUSTIN & DOWTON 2000, MASNER & GARCÍA 2002). Characteristic morphological traits in Diapriidae include distinctive wing venation and antennal structure, adaptations that allow them to occupy diverse ecological niches ranging from dense forests to open wetlands. The family Diapriidae plays an essential ecological role by regulating host po-

^{*)} Catalogue of type specimens in NMPC, Part 19



pulations and maintaining ecological balance. However, their systematics remains complex due to their small size, morphological variability, and the vast number of undescribed species (NAUMANN 1982, JOHNSON 1992, MASNER & GARCÍA 2002 and GADALLAH et al. 2023). Within the NMPC, Diapriidae represents one of the best-represented parasitoid wasp families, with a significant portion of the type material resulting from the extensive work of the museum's former curator, Jan Macek. Throughout his career, Jan Macek made substantial contributions to the systematics of Diapriidae, describing numerous new species and meticulously curating their type specimens (BENDA et al. 2024).

The family Maamingidae, on the other hand, is a relatively newly established and lesser-known group of parasitoid wasps, delineated only in recent taxonomic studies. Members of this family exhibit unique morphological traits, including distinctive antennal structures and specific wing venation patterns, which set them apart within Diapriidae. Host associations for Maamingidae remain largely unexplored, making their precise ecological role challenging to ascertain. Despite the limited number of known species, many of which have been described from regions with high biodiversity such as New Zealand and Australia, Maamingidae is increasingly recognized as an intriguing subject for further research due to its distinct evolutionary lineage (EARLY et al. 2001).

By documenting and facilitating access to this type material, the catalogue aims to support taxonomic research and provide a stable foundation for nomenclature within these groups. This effort is anticipated to advance the understanding of parasitoid wasp diversity and the ecological roles these insects play across various ecosystems, furthering both taxonomic clarity and biodiversity conservation (TRIAPITSYN 2014 and ZHANG et al. 2024).

Material and methods

The system used to arrange the taxa mostly follows JOHNSON (1992). Within each subfamily, the genera and species are arranged alphabetically. Each entry includes:

- the name of the taxon in original combination;
- the name of the taxon in original combination and spelling, with the author and year of description, along with pagination, figures, and plates;
- the name-bearing type, number of specimens (including their sex if known) and exact label data. Our remarks are found in square brackets: [p] – preceding data are printed, [hw] – preceding data are handwritten. Separate labels are indicated by a double slash ‘//’ and lines within each label are separated by a slash ‘/’. Unless otherwise indicated, it means black ink and white label;
- the type condition for considerably damaged specimens (given in parentheses following the particular specimen);
- the current taxonomic status;
- known distribution data.

Photographs of type specimens and their labels were taken using an Olympus SZX16 stereomicroscope equipped with an Olympus DP73 built-in camera. Indi-

vidual photographs were stacked using Helicon Focus 8.2.18 software and subsequently edited using Adobe Photoshop. Full reference to each cited publication can be found in the References section.

Catalogue

Family Diapriidae Haliday, 1833 Subfamily Ambositrinae Masner, 1961 Genus *Ambositra* Masner, 1961

Ambositra famosa Masner, 1961

(Fig. 1)

Ambositra famosa Masner, 1961: 294–295, figs 3, 4, 5–11 (original description).

Three paratypes are deposited in NMPC (type collection):

PARATYPE (♀): ‘COLL. MUS. CONGO / Madagascar: Mandraka / II–1944 / A. Seyrig [p] // *Ambositra* ♀ / *famosa* n.g. n.sp. / Det. L. Masner, 1958 [hw, pencil] // Paratypus [hw, pink label]’ (Fig. 1).

PARATYPE (♀): ‘COLL. MUS. CONGO / Madagascar: Ambositra / II–1944 / A. Seyrig [p] // *Ambositra* ♀ / *famosa* n.g. n.sp. / Det. L. Masner, 1958 [hw, pencil] // Paratypus [hw, pink label]’.

PARATYPE (♀): ‘Madagaskar / Mandraka / A. Seyrig [hw] / II.1944 [hw, vertically written] // *Ambositra* ♀ / *famosa* n.g. n.sp. / Det. L. Masner, 1958 [hw, pencil] // Paratypus [hw, pink label]’.

Current status. Valid species (JOHNSON 1992, NOTTON 2007 and MADL 2015).

Distribution. Afrotropical, known from the Democratic Republic of the Congo, Madagascar and South Africa (MASNER 1961, JOHNSON 1992, NOTTON 2007 and MADL 2015).

Genus *Betyla* Cameron, 1899

Betyla eupepla Naumann, 1988

(Fig. 2)

Betyla eupepla Naumann, 1988: 61–63, figs M156, M160–161 (original description).

Two paratypes are deposited in NMPC (type collection):

PARATYPE (♀): ‘NEW ZEALAND, [p] NN [hw] / Wakefield [p] / 19.viii.1964 [hw] / J. I. Townsend [p] // litter [p] // ex alcohol / collection [p] // PARATYPE / ♀ *Betyla* / *eupepla* / Naumann [p, blue label]’ (Fig. 2).

PARATYPE (♂): ‘NEW ZEALAND, WD / Westland Nat. Pk. / L. Wombat track / 11 Jan 1982 / J.W.Early [p] // 180–240m. ferns / podocarp- / broadleaf forest [p] // PARATYPE [p] / ♂ *Betyla* / *eupepla* Naumann [p, blue label] // LINCOLN [p]’.

Current status. Valid species (BERRY 1991).

Distribution. Australasian, known from New Zealand (NAUMANN 1988 and JOHNSON 1992).

Genus *Maoripria* Naumann, 1988

Maoripria verticillata Naumann, 1988

(Fig. 3)

Maoripria verticillata Naumann, 1988: 39–41, figs 41, 189, 190 (original description).

One paratype is deposited in NMPC (type collection):

PARATYPE (♀): ‘NEW ZEALAND AK / Waitakere Ra / Jan 1981, J Noyes [p] // PARATYPE / ♀ *Maoripria* / *verticillata* / Nauman [p, blue label]’ (Fig. 3).

Current status. Valid species (JOHNSON 1992).

Distribution. Australasian, known from New Zealand (NAUMANN 1998 and JOHNSON 1992).

Genus *Parabetyla* Brues, 1922

Parabetyla tika Naumann, 1988

(Fig. 4)

Parabetyla tika Naumann, 1988: 46–47, figs 43, 199–200 (original description).

One paratype is deposited in NMPC (type collection):

PARATYPE (♀): ‘NEW ZEALAND, WD / Westland NP / L.Wombat track / 180-240m / 11. i. 1982 [p] // J.W. Early / Swept ferns in / podocarp/ broad- / leaf forest [p] // ♀ *Parabetyla / tika* Naumann [hw] / PARATYPE [p, blue label]’ (Fig. 4).

Current status. Valid species (JOHNSON 1992).

Distribution. Australasian, known from New Zealand (NAUMANN 1998 and JOHNSON 1992).

Subfamily Belytinae Förster, 1856

Genus *Aclista* Förster, 1856

Aclista elegantula Macek, 2006

(Fig. 5)

Aclista elegantula Macek, 2006a: 195–196, figs 6, 13, 20, 27, 34, 41 (original description).

The holotype, allotype and 20 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘CZ: Králický Sněžník / Horní Morava (valley) / 24.viii.2001, Macek lgt [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Holotypus / J.Macek det. [p, red label]’ (Fig. 5).

ALLOTYPE (♂): ‘CZ: Králický Sněžník / Mlýnský potok, FIT / Macek lgt., 2001 [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Allotypus / J.Macek det. [p, red label]’ (Fig. 5).

PARATYPE (♀): ‘CZ: Králický Sněžník / Mlýnský potok, FIT [p] / 24.10. [hw] / Macek lgt., 2001 [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPES (2 ♀♀): ‘CZ: Králický Sněžník / Horní Morava (valley) / 24.viii.2001, Macek lgt. [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Slovakia cen. / Nízke Tatry [p], 6.8. / Štiavnica, d. [hw] / Macek lgt 19[p]84[hw] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Bohemia or. / Orlické hory / Zelenka env. Bedrichovka / 15.-24.9.1993 / Jezek et Hajek lgt. [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Slovakia cen / Nízke Tatry [p] / Pohorelá, 31.7. [hw] / Macek lgt 19[p]89[hw] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘CZ: Orlické hory, FIT / Pod Sřingou, FIT [p] / 19.8. [hw] / J. Hájek lgt. 2003 [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’ (Head is broken and mounted on the second card.)

PARATYPE (♀): ‘CZ: Orlické hory, FIT / Pod Sřingou, FIT [p] / 19.8. [hw] / J. Hájek lgt. 2003 [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPES (4 ♀♀): ‘Austria, Stmk. -222- / Vockenberg, Furtner / Teich, 900 m, 3.8.71 / leg. Fischer [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Austria, Kärnten -348- / St. Georgen, Längsee / Hochwald, 6-700 m / 7.8.77, Fischer [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Austria: Zell am See / 3.x.1988 / leg. R.Danielsson (DAYS) [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘CZ: Orlické hory, YPT / Kačerov res., rašel., / 18.vii.-5. viii.1994 / Hájek & Vašek lgt. [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘CZ: Králický Sněžník / Mlýnský potok, FIT / Macek lgt., 2001 [p] / 2.-20.8. [hw, reverse side of the same label] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPES (3 ♂♂): ‘Austria, Stmk. -222- / Vockenberg, Furtner / Teich, 900 m, 3.8.71 / leg. Fischer [p] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Slovakia cen. / Nízke Tatry [p] / Ohniště, 3.8. [hw] / Macek lgt 19[p]84[hw] // *Aclista / elegantula* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]’.

Current status. Valid species (MACEK 2006a).

Distribution. Western Palaearctic, known from Austria, the Czech Republic and Slovakia (MACEK 2006a).

Aclista pseudobitensis Macek, 2007

(Fig. 6)

Aclista pseudobitensis Macek, 2007: 219–220, figs 5, 13, 21, 29, 33 (original description).

The holotype and 48 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘Boh.c., Příbram env. [p] / Lichovy, 6.10. [hw] / J. Macek lgt., 198[p]5[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Holotypus / J.Macek det. 19 [p, red label]’ (Fig. 6).

PARATYPE (♀): ‘CZ: Moravia mer. / Podyjí N.P., Šobes / Macek lgt., 10.7.1997 // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Boh. cent. / Pha-Kunratice [p] / 8.7.-3.8. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Bohemia cent. [p] ypt [hw] / Pha-Kunratice [p] / 22.8.-1.9. park [hw] / J. Macek lgt. 199[p]1[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Boh. c. Beroun env. [p] / Vys. Stráž, 24.8. [hw, blue ink] / J. Macek lgt., 198[p]4[hw, blue ink] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Boh. c. Beroun env. [p] / Karlštejn, 2.6. [hw] / J. Macek lgt., 198[p]8[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Boh. c. Příbram env. [p] / Placy, 24.8. [hw] / J. Macek lgt., 198[p]5[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘CZ: Bohemia centr. / Krivoklátsko CHKO / Vůznice, res., 16.vii. / Macek lgt., 1994 sweep // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Bohemia [p] cen. / Lipovka, res [hw] / J. Macek lgt. [p], 93 [hw] / 8.-16.6. [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Boh. c. Beroun env. [p] / KARLÍK 8.7. [hw] / J. Macek lgt., 198[p]6[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘BOHEMIA [p] or., 13.7. / Doubrava, v. [hw] / J. Macek lgt, 198[p]4[hw] / Spačice [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Boh. c. Beroun env. [p] / Vonoklasy [hw, blue ink] / J. Macek lgt., 198[p]5[hw, blue ink] / 29.6. [hw, blue ink, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’ (Severely damaged individual without body appendages, head, one forewing and antennae mounted on card near the rest of the body.)

PARATYPE (♀): ‘Moravia [p] mer., 31.6. / Boří les [hw] / J. Macek lgt. [p], 1986 [hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Moravia merid. / Mikulov env 24.6. / Milovický les / J.

- Macek lgt. 1983 [p] *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Boh. cent. / Pha-Kunratice [p] / 8.7.-3.8. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Bohemia mer. [p] 30.v. [hw] / Purkarec [p] – Chýňava [hw] / J. Macek lgt., 19[p]83[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Boh. c. Hřebený Mt. [p] / Jiloviště [hw] / J. Macek lgt., 198[p]6[hw] / 9.9. [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPES (2 ♀♀): ‘Moravia mer. / Podyjí, rez. [p] / Braitava, 14.8. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Moravia mer. / Podyjí, N.P. / Klapperův potok / Macek, 11.8.1992 [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Moravia mer. / Podyjí, rez. [p] / Ladové / sluje, 12.8. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Germania occid. / Stuttgart env. / Jansen, lgt. [p] / Willstetten / 26.8.1980 [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Germania occid. / Stuttgart env. / Jansen, lgt. [p] / 26.8.1980 [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Germania occid. / Stuttgart env. / Jansen, lgt. [p] / Willstetten / 218-0/28.10.1980 [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Germania occid. / Stuttgart env. / Jansen, lgt. [p] / Willstetten / 18.8. [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Polonia orientalis / Bialowieza [sic!], res. / Macek lgt., 1987 [p] / 17.9. [hw, pencil] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Austria inf. / Seebenstein / 6. 6. 59 Fischer [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Wien, Prater / leg. Fischer [p] / 19.v.57 [hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Stmk., Neumarkt / nö. Furtner Teich / 865-890 m / 3. 8. 66, Fischer [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Austria Kärnten .334- / zw. Viktring-und / Seebach, 500 m / 12. 6. 77, Fischer [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘HUNGARIA bor. / Pilis mts, Pilis [p] / 30.[hw]8.198[p]8[hw] / J. Macek leg. [p] / Szentlászó [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Stará huť / vii.1921 / Štepanek [hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘CZ: Orlické hory, MT / Trčkov, res., 25.5.-9.6.1994 / Hájek et Ježek lgt. [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘Bohemia m. / Stráž n. Nežárkou / J. Macek lgt., 198[p]6[hw] / 26.6. [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Javorná u / Karl. Var. / 11./8.37 [hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Bohemia 6.7. / Jirny 33 / O. Šustera [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Bohemia c. / Skryje [p], 6.6. [hw] / J. Macek lgt., 198[p]1[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Bohemia c. [p], 20.6. [hw] / Praha - [p] Závist [hw] / J. Macek lgt., 19[p]85[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Boh. c. Beroun env [p] / Valdek, 29.9. [hw] / J. Macek lgt., 198[p]5[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Bohemia cent. / Pha-Kunratice [p] / 8.7.-3.8. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Moravia mer. / Podyjí, N.P. / Klapperův potok / Macek, 11.8.1992 [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘FINLAND: Kevo, vi / subarctic region / H. Goulet, lgt., 1989 [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Slovakia occ. / Čachtice, 11.8. / J. Macek lgt., 1991 [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Austria inf. -301. / Eichgraben, Nagel. / bachgraben 320 m / 8.9.74, leg. Fischer [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Austria, Kärnten -330- / Goritschnig.Kgl. / Viktring 4-500 m / 10. 6. 77, Fischer [p] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPES (2 ♂♂): ‘Germania occid. / Stuttgart, env. / Jansen lgt. [p] / Willstetten / 26.8.1980 [hw, reverse side of the same label] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Moravia mer. [p] 12.8. [hw] / Podyjí, rez. [p] / Baštův mlýn [hw] / J. Macek lgt. 199[p]1[hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♂): ‘Bohemia [p] occid. / Habartice, 31.7. [hw] / J. Macek lgt. [p] 1982 [hw] // *Aclista pseudobitensis* / sp.n. / J.Macek det. 2007 [p] // Paratypus / J.Macek det. [p, red label]’.

Current status. Valid species (MACEK 2007).

Distribution. Western Palaearctic, known from Austria, the Czech Republic, England, Finland, Germany, Hungary, Poland, Slovakia and Sweden (MACEK 2007).

Aclista pseudosoror Macek, 2007

(Fig. 7)

Aclista pseudosoror Macek, 2007: 220–223, figs 6, 14, 22, 30, 34 (original description).

The holotype, allotype and 44 paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♀): ‘CZ: Orlické hory, 12.ix / meandr Orlice, smyk / J. Macek lgt., 1995 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det., 2007 [p] // Holotypus / J.Macek det. 19 [p, red label]’ (Fig. 7). (Last segment of right antenna is missing.)
- ALLOTYPE (♂): ‘CZ: Bohemia septen. / Sokolov dist., Starý Jiří [p] / 6.7 [hw] / Chvojka & Ježek, 2001 // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Allotypus / J.Macek det [p, red label]’ (Fig. 7). (Last segment of right antenna is missing.)
- PARATYPE (♀): ‘Bohemia c., 20.viii. / Kokofinské údolí / J. Macek lgt. 1982 [hw, blue ink] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (2 ♀♀): ‘Moravia mer. / Podyjí, rez. [p] / Braitava, 14.8. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘SPAIN: Pyrenées centr / Val d’Aran, 23.viii. / Macek lgt. 1993 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label]’.
- PARATYPE (♀): ‘GER: Bavaria, Bayern / Nat. Park., Spiegelau / 7.-11. ix. 1995, YPT / M. Barták lgt. [p] // *Aclista pseudosoror* / sp.n. / Jan

- Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Polonia cent. [p], 20.7 [hw] / Modrzevina [sic!] res. / "illegible characters" lgt 19[p]81[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Polonia cent. [p], 24.8. [hw] / Modrzevina [sic!] res. / "illegible characters" lgt 19[p]81[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Slovakia [p] centr. / Nízke Tatry [hw, blue ink] / J. Macek lgt. [p], 85 [hw, blue ink] / Suchá dol. / 31.7. [hw, reverse side of the same label] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (3 ♀♀): 'Moravia mer. / Pydjí, N.P. / Klapperův potok / Macek, 11.8.1992 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Austria, O.Ö. -353- / Mühlldorf-Hochreith / Scharestein 550-600m / 20. 7. 77, Fischer [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Bohemia septen. / Sokolov dist., Starý Jiří [p] / 6.7 [hw] / Chvojka & Ježek, 2001 // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Králický Sněžník / Mlýnský potok, FIT / Macek lgt., 2001 [p] / 22.8. [hw, pencil, reverse side of the same label] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory / Trčkov, [p] 11.10.95 [hw, pencil] / Hájek lgt., [p] 2003 [p, crossed out with pencil], MT [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'ČSR Slovakia [p] / Javoriná 13. [hw] / Fr. Gregor 10 [p] 38 [hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory / Trčkov res. [p], x. [hw] / J. Hájek lgt., 1997 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory, res. / Trčkov, 26.viii.-15.ix. / Hájek lgt., 1994 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory, res. / Trčkov, 8-30.viii, YPT / Hájek lgt, 1994 // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory, CHKO / Zdobnice 25.8.94 / Macek lgt. [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory, 12.ix / meandr Orlice, smyk / J. Macek lgt., 1995 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory / Kačerov, res. [p] / 20.-28.6. [hw] / Hájek lgt., 1994 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia, Železné hory / Polom 26-30.7.1999 / J. Farkač lgt. [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia central. / Grybla hill 30.7. / J. Macek lgt. 1982 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia mer. [p], 12.6. [hw, blue ink] / Purkarec [p] – Lišnice [hw, blue ink] / J. Macek lgt., 19[p]82[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Boh.m., Třeboň distr. [p] / Hamr 31.5. [hw] / J. Macek lgt., 198[p]3[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia m. / Vysoký Kamýk / Pisecké hory / 25.8.1982, Macek [hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label]. (Head broken and mounted on the second card.)
- PARATYPE (♀): 'Boh. c. Beroun env. [p] / Nižbor 26.6. [hw, blue ink] / J. Macek lgt., 198[p]2[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label]. (Head broken and missing.)
- PARATYPE (♀): 'Boh.c., [p] Příbram env. [p, crossed out] / Sázava, 22.8. [hw] / J. Macek lgt., 198[p]5[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Bohemia centr. / Křivoklátsko CHKO / Vůznice, res., 16.viii / Macek lgt., 1994, sweep [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia [p] centr., 17.8. / Roztěž [hw, blue ink] / J. Macek lgt. [p], 1985 [hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia [p] c., 18.8. / Ondřejov [hw] / J. Macek lgt. [p], 1988 [hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Moravia mer. [p] 8.8. [hw] / Lanžhot [p] – Raňšpurk [hw] / J. Macek lgt., 19[p]91[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Austria, Stmk. -267- / Anhöhe NO Furter Teich / Mariahof, 870-890 m / 2. 7. 71, leg. Fischer [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Polonia, Klembow / Rez.Debina [p] / 15.-24.x [hw] 198[p]0[hw] / leg. Ekpa IZ PAN [p] // *Tilio-Carpinetum* / *Carpinus betulus* / yellow pan-trap [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Slovakia [p] occid. / Čachtice, 11.8. [hw, pencil] / J. Macek lgt. [p], 1991 [hw, pencil] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Austria, Stmk. -237- / Gragger-Schlucht / Neumarkt, 900-1000m / 10. 7. 71, leg. Fischer [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Polonia, Belsk D. / Rez. Modrzewina [p] / 17.-24.6. [hw, pencil] 198[p]1[hw, pencil] / leg. Ekpa IZ PAN [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'SK: Slovenské Rudohorie / Dobročský prales, res. / 30.vii.1996, Macek lgt. [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Slovakia [p] cen., 29.7. / Klenovský Vepor [hw, blue ink] / J. Macek lgt. [p], 1986 [hw, blue ink] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (2 ♂♂): 'Slovakia [p] cen., 2.8. / Poľana [hw, blue ink] / J. Macek lgt. [p], 1986 [hw, blue ink] / Hrončický / Grúň [hw, reverse side of the same label] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Moravia mer. [p] 12.8. [hw] / Podyjí, rez. [p] / Baštův mlýn [hw] / J. Macek lgt. 199[p]1[hw] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Moravia mer. 8.8. / Bílé Karpaty rez. / Velká Javorina / J. Macek lgt., 1991 [p] // *Aclista pseudosoror* / sp.n. / Jan Macek det, 2007 [p] // Paratypus / J.Macek det. [p, red label].

Current status. Valid species (MACEK 2007).

Distribution. Western Palaearctic, known from Austria, the Czech Republic, England, Germany, Poland, Slovakia, Spain and Sweden (MACEK 2007).

Aclista subtilis Macek, 2006

(Fig. 8)

Aclista subtilis Macek, 2006a: 193–194, figs 7, 14, 21, 28, 35, 42 (original description).

The holotype, allotype and ten paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): 'CZ: Bohemia septen. / Sokolov dist., Starý Jiří [p] / 6.7. [hw] / Chvojka & Ježek, 2001 [p] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Holotypus / J.Macek det. [p, red label]' (Fig. 8). (Head, left antenna and right fore leg are broken and mounted on the second card.)

ALLOTYPE (♂): 'Boh. c. Beroun env. [p] / Karlštejn, 10.8. [hw] / J. Macek lgt., 198[p]6[hw] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Allotypus / J.Macek det [p, red label]' (Fig. 8).

PARATYPE (♀): 'CZ: Orlické hory / Kačerov, res. [p] 16.7. [hw, pencil] / J. Hájek lgt., 199[p]4[hw] / 26.7. [hw, reverse side of the same label]

- // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'CZ: Orlické hory / Kačerov, res. [p], 16.7. [hw, pencil] / J. Hájek lgt., 199[p]4[hw] / 16.7. [hw, reverse side of the same label] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia cen., MT / Čelákovice, env. / 25.8.-9.10. / J. Macek lgt., 1991 [p] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Boh. c. Beroun env. [p] / Klíčava, 16.7. [hw, blue ink] / J. Macek lgt., 198[p]6[hw] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Austria, Stmk. -12- / Mariahof, Vockenberg / NW Hang, Hohlweg [p] // 900 m, heiß -12- / mäßig bewölkt / 3.8.69 leg. Fischer [p] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Polonia, Warszawa / Rez.J .Sobieskiego [p] / 7.-16.x.[hw] 198[p]0[hw] / leg.Ekpa IZ PAN [p] // *Potentillo albae*- / *Quercetum / Quercus robur* / yellow pan-trap [p] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (2 ♂♂): 'Polonia, Warszawa / Rez.J .Sobieskiego [p] / 26.8.[hw] 198[p]0[hw] / leg.Ekpa IZ PAN [p] // *Potentillo albae*- / *Quercetum / Tilia cordata* / yellow pan-trap [p] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'SK: Slovenské Rudohorie / Dobročský prales, res. / 30.vii.1986, Macek lgt. [p] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Moravia [p] mer. / Podyjí NP, 8.9. [hw, pencil] / J. Macek lgt. [p], 1998 [hw, pencil] / Braitava [hw, reverse side of the same label] // *Aclista / subtilis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].

Current status. Valid species (MACEK 2006a).

Distribution. Western Palaearctic, known from Austria, the Czech Republic, Poland and Slovakia (MACEK 2006a).

Aclista vernalis Macek, 2006

(Fig. 9)

Aclista vernalis Macek, 2006a: 191–193, figs 2, 9, 16, 23, 30, 37 (original description).

The holotype, allotype and 53 paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♀): 'Bohemia centr. / Čelákovice env. / Lipovka res. / Macek leg.199[p]3[hw] / 4.-18.5. [hw, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Holotypus / J.Macek det. [p, red label]' (Fig. 9).
- ALLOTYPE (♂): 'Bohemia c ntr. / Čelákovice env. / Lipovka res. / Macek leg. 199[p]3[hw] / 4.-18.5. [hw, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Allotypus / J.Macek det [p, red label]' (Fig. 9).
- PARATYPES (5 ♀♀): 'Bohemia centr. / Čelákovice env. / Lipovka res. / Macek leg. 1993 [p] / 4.-18.5. [hw, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (2 ♀♀): 'Bohemia centr. / Čelákovice env. / Lipovka res. / Macek leg. 1993 [p] / 4.5. [hw, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia [p] cen / Lipovka res / 6.-20.5. YPT [hw, pencil] / J. Macek lgt. [p], 1992 [hw, pencil] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (3 ♀♀): 'Bohemia centr. / Pha-Kunratice / Nový Hrádek / Macek lgt., 1992 [p] / 18.-25.5. [hw, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (3 ♀♀): 'Bohemia cent. / Pha-Kunratice [p] / 4.-18.5. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Bohemia cent. / Pha-Kunratice [p] / Krčský les, 4.5. [hw] /

- J. Macek lgt. 199[p]3[hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Slovakia mer. / Cerová vrchovina / Pohanský vrch, 14.5. / J. Macek, 1985 [hw, blue ink] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label]. (Head is broken and mounted on the same card.)
- PARATYPES (3 ♀♀): 'Slovakia [p] m., 23.5. / Nitra-ΔZobor [hw] / J. Macek lgt. [p], 1987 [hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♀): 'Moravia mer. [p], 15.5. [hw] / Lanžhot [p] -Tvrdonice [hw] / J. Macek lgt., 198[p]4[hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (12 ♂♂): 'Bohemia centr. / Pha-Kunratice / Nový Hrádek / Macek lgt., 1992 [p] / 18.-25.5. [hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (3 ♂♂): 'Bohemia cent. / Pha-Kunratice [p] / 4.-18.5. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (2 ♂♂): 'Slovakia [p] mer., 14.5. / Cerová vrch. [hw, blue ink] / J. Macek lgt. [p], 85 [hw, blue ink] / Obručná [hw, blue ink, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Moravia mer. / Lanžhot [p], 15.5. [hw] / J. Macek lgt., 198[p]4[hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Bohemia [p] cen.4.vi. / Křivoklátsko env. [hw] / J.Macek lgt. [p], 1984 [hw] // Jestřábec for. [hw, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Bohemia [p] centr., 6.5. / Krč [hw, blue ink] / J. Macek lgt. [p], 1986 [hw, blue ink] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Bohemia cent. / Pha-Kunratice [p] / Krčský les, 4.5. [hw] / J. Macek lgt. 199[p]3[hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (3 ♂♂): 'Bohemia cent. / Pha-Kunratice [p] / 4.-18.5. [hw] / J. Macek lgt. 199[p]2[hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Polonia, Warszawa / Rez.J. Sobieskiego [p] / 20.5. [hw] 198[p]1[hw] / leg. Ekpa IZ PAN [p] // *Tilio-Carpinetum* / herb layer / yellow pan trap [p] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (2 ♂♂): 'Slovakia [p] m., 23.5. / Nitra-ΔZobor [hw] / J. Macek lgt. [p], 1987 [hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (3 ♂♂): 'Slovakia [p] mer., 15.5. / Fiľakovo env. [hw, blue ink] / J. Macek lgt. [p] 85 [hw, blue ink] / Stéblová skala [hw, blue ink, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPE (♂): 'Slovakia [p] mer., 14.5. / Cerová vrch. [hw, blue ink] / J. Macek lgt. [p], 1985 [hw, blue ink] / Obručná [hw, blue ink, reverse side of the same label] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].
- PARATYPES (2 ♂♂): 'Slovakia mer. / Cerová vrchovina / Pohanský vrch, 14.5. / J. Macek, 1985 [hw] // *Aclista / vernalis* sp.n. / Macek det. 2005 [p] // Paratypus / J.Macek det. [p, red label].

Current status. Valid species (MACEK 2006a).

Distribution. Western Palaearctic, known from the Czech Republic, Poland and Slovakia (MACEK 2006a).

Genus *Acropiasta* Förster, 1856

Acropiasta flexinervis Macek, 1998

(Fig. 10)

Acropiasta flexinervis Macek, 1998: 36–38, figs 7, 19, 28, 31, 36, 44 (original description).

The holotype, allotype and six paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘CZ: Orlické hory, MT / Trčkov res., 16.-30.vi. / Hájek et Vašek, 1994 [p] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Holotypus / J.Macek det. [p, red label]’ (Fig. 10).

ALLOTYPE (♂): ‘Boh.m., Třeboň distr. [p] / Sv. Barbora, 12.6. [hw, blue ink] / J. Macek lgt., 198[p]4[hw] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Allotypus / J.Macek det. [p, red label]’ (Fig. 10). (Head is broken and mounted on the second card; right antenna and apical part of left antenna are missing.)

PARATYPE (♀): ‘Bohemia mer. / Purkarec [p] 2.vi. [hw, blue ink] / J. Macek lgt., 19[p]81[hw, blue ink] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Bohemia mer. [p] 17.6. [hw] / Purkarec [p] – Líšnice [hw] / J. Macek lgt., 19[p]84[hw] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Boh.m., Třeboň distr. [p] / sv. Barbora 12.6. [hw] / J. Macek lgt., 198[p]4[hw] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Bohemia [p] mer. / Landštejn, 30.6. [hw, blue ink] / J. Macek lgt. [p], 1986 [hw, blue ink] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Bohemia mer. [p] 10.6. [hw, blue ink] / Stará Obora 198[p]2[hw, blue ink] / env. Hluboká n. Vlt. [p] // Ex. N. Mus. Praha / J. Macek / M. Mašínová [p] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Slovakia [p] centr. / Kremn. vrchy, 3.8. [hw] / J. Macek lgt. [p], 85 [hw] / Priečny / vrch [hw, reverse side of the same label] // Acropiasta / flexinervis sp.n. / J. Macek, det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

Current status. Valid species, currently as *Pantolyta flexinervis* (Macek, 1998) (CHEMYREVA & KOLYADA 2021a).

Distribution. Palaearctic, known from the Czech Republic, Slovakia and Russia (MACEK 1998 and CHEMYREVA & KOLYADA 2021a).

Acropiasta micans Macek, 1998

(Fig. 11)

Acropiasta micans Macek, 1998: 38–40, figs 8, 11, 16, 25, 37, 48 (original description).

The holotype, allotype and 28 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘CZ Moravia mer. / Podyjí NP, Šobes / poříční niva, FIT / Macek lgt. 1997 [p] / 9.6-9.7. [hw, pencil, reverse side of the same label] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Holotypus / J.Macek det. [p, red label]’ (Fig. 11).

ALLOTYPE (♂): ‘Moravia mer. / Podyjí, rez. [p], 15.7. / Nový Hrádek [hw] / J. Macek lgt. 199[p]2[hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Allotypus / J.Macek det. 19 [p, red label]’ (Fig. 11).

PARATYPE (♀): ‘Austria inf. / Hundsheimer Berg [p] // T21-17.7.1988 [hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Boh.m., Třeboň distr. [p] / Stará řeka, 12.6 [hw] / J. Macek lgt., 198[p]4[hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘S:Sm. Söderåkra, Fulvik / 25.vi.1989 / leg. R.Danielsson (DAYS) [p] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘NETHERLANDS: N.-B. / Udenhout „De Brand“ / 22-29.vi.1991 / UTM FT 488222 Mal.trap / Ins. W.G. KNNV-Tilburg [p] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Bohemia [p] orient., 22.7. / Chrudim dist. [hw, blue ink] / J. Macek lgt. [p], 1985 [hw, blue ink] / Spačice [hw, blue ink, reverse side of the same label] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Boh. or. [p] / Hradec Kr. [hw] / Bouček [p] vi.44. [hw] / v. [hw, pencil, reverse side of the same label] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPES (2 ♂♂): ‘Moravia mer. / Podyjí, rez. [p] / Zlámaná / skála, 11.6. [hw] / J. Macek lgt. 199[p]2[hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPES (2 ♂♂): ‘Moravia mer. / Podyjí, rez. [p] / Mašovice, 11.6. [hw] / J. Macek lgt. 199[p]2[hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia mer. / Podyjí, rez. [p] / Čížov, 11.6. [hw] / J. Macek lgt. 199[p]2[hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia mer. / Podyjí, rez. [p] / Hradiště, 26.5. [hw, pencil] / J. Macek lgt. 199[p]2[hw, pencil] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia [p] mer. / Podyjí, rez., 15.7. [hw, pencil] / J. Macek lgt. [p], 1991 [hw, pencil] / Nový / Hrádek [hw, pencil, reverse side of the same label] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia merid. / Mikulov env 24.6. / Milovický les / J. Macek lgt. 1993 [p] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia [p] mer., 18.8. / Mikulov [hw, blue ink] / J. Macek lgt. [p], 1984 [hw, blue ink] / Svatý kopeček [hw, blue ink, reverse side of the same label] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia mer. / Bítov 22.6. / J. Macek lgt. 1983 [hw, blue ink] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia mer. [p] 18.6. Lanžhot Rokytá, r. [hw, blue ink] / J. Macek lgt., 198[p]4[hw, blue ink] / Tavíkovice [hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Moravia [p] mer, 16.7. / Jevišovice [hw] / J. Macek lgt. [p], 1990 [hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPES (4 ♂♂): ‘Moravia [p] mer., 29.7. / Hodonín [hw, blue ink] / J. Macek lgt. [p], 1987 [hw, blue ink] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPES (2 ♂♂): ‘Slovakia [p] m., 23.5. / Nitra-▲Zobor [hw] / J. Macek lgt. [p], 1987 [hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Slovakia occ. / Plavecký hrad / 2.7.1983, Macek [hw, blue ink] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘19.6.1943 / gef.H.Köller [p] // Halle[S] / Rennbahn [p] // Xenotoma / rufipes Grav. [hw] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Bl., Torhamn [p] – 6 [hw, pencil] / 16.6.62 [hw] / coll. A.Sundholm [p] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘S:Sm. Torsås, Tjäre-kulla / 18.vi.1989 / leg.R.Danielsson (DAYS) [p] // Acropiasta / micans sp.n. / J.Macek det. 1998 [p] // Paratypus / J.Macek det. [p, red label]’.

Current status. Valid species, currently as *Pantolyta micans* (Macek, 1998) (CHEMYREVA & KOLYADA 2021a).

Distribution. Palaearctic, known from Austria, the Czech Republic, Germany, the Netherlands, Russia, Slovakia and Sweden (MACEK 1998 and CHEMYREVA & KOLYADA 2021a).

Acropiasta pseudosciarivora Macek, 1998

(Fig. 12)

Acropiasta pseudosciarivora Macek, 1998: 34–36, figs 6, 21, 26, 38, 47 (original description).

The holotype, allotype and 34 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘Moravia mer. / Podyjí, rez. [p] / Hradiště, 26.5. [hw, pencil] / J. Macek lgt. 199[p]2[hw, pencil] // Acropiasta / pseudosciarivora sp.n. / J.Macek det., 1998 [p] // Holotypus / J.Macek det. [p, red label]’ (Fig. 12).

- ALLOTYPE (♂): 'Moravia mer. / Podyjí, rez. [p] / Zlámaná / skála, 11.6. [hw] / J.Macek lgt. 199[p]2[hw] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Allotypus / J.Macek det [p, red label]' (Fig. 12). (Antennal segments 8–13 on left antenna are missing.)
- PARATYPE (♀): 'Moravia mer. / Podyjí, rez. [p] / Havraníky, 25.5. [hw, pencil] / J. Macek lgt. 199[p]2[hw, pencil] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Moravia mer. / Podyjí, rez. [p], 13.7. / Hrad. Terasy [hw] / J. Macek lgt. 199[p]2[hw] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Boh. Mer. [p] 30.5. [hw, blue ink] 198[p]9[hw, blue ink] / N. obora, Libochovka / env. Hluboká n. Vlt. [p] // Exk. N. Mus. Praha / J. Macek / M. Mašíňová [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Bohemia b. / Uhošť res. [p] 18.v. [hw, blue ink] / env. Kadaň 198[p]1[hw, blue ink] // Exk. N. Mus. Praha / J. Macek / M. Mašíňová [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Bohemia c. [p] 28.5. [hw, blue ink] / Praha [p] - Kunratice [hw, blue ink] / J. Macek lgt., 19[p]81[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]' (Metasoma broken and mounted on the same card.)
- PARATYPE (♀): 'Bohemia cen., MT / Čelákovice, env. / 22.8.-18.9. / J. Macek lgt., 1991 [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Acropiesta 7 / sciarivora ♀ / Kieffer [hw] / det. Hilpert-87 [p] // 22.9.-2.10. [hw] 198[p]6[hw]:11[p] w [hw] / Vorstetten bei Freiburg, Südbaden, 205m / 7°50'E, 48°04'25"N / leg. A. Ssymank // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Moravia mer. / Podyjí, rez. [p], 13.7. / Hrad. Terasy [p] / J. Macek lgt. 199[p]2[hw] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Moravia mer. / Podyjí, rez. [p] / Zlámaná / skála, 16.7. [hw] / J. Macek lgt. 199[p]2[hw] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Moravia [p] 7-9.viii. / Lanžhot- / - Ranšpurk [hw] / J. Macek lgt. [p] 91 [hw] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Moravia mer. [p] 8.8. [hw] / Lanžhot [p] - Ranšpurk [hw] / J. Macek lgt., 19[p]91[hw] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Moravia [p] mer., 18.8. / Mikulov [hw] / J. Macek lgt. [p], 1984 [hw] / Svatý / Kopeček [hw, reverse side of the same label] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia mer. [p] 30.6. [hw, blue label] / Stará obora 198[p]1[hw] / env. Hluboká n. Vlt. [p] // Exk. N. Mus. Praha / J. Macek / M. Mašíňová [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia mer. / Purkarec [p] 2.vi. [hw, blue ink] / J. Macek lgt., 19[p]81[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia mer. / Borek, 29.v.1989 / J. Macek lgt. [hw] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia [p] mer., 8.7. / Lužnice riv. [hw, blue ink] / J. Macek lgt. [p], 1985 [hw, blue ink] / Bechyně [hw, reverse side of the same label] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia [p] or., 18.7. / Běstvina [hw, blue ink] / J. Macek lgt. [p], 1985 [hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'BOHEMIA [p] or. 13.7. / Doubrava [hw] / J. Macek lgt, 198[p]4[hw] / Spačice [hw, reverse side of the same label] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (3 ♂♂): 'Bohemia b. / Uhošť res. [p] 18.v. [hw, blue ink] / env. Kadaň 198[p]1[hw, blue ink] // Exk. N. Mus. Praha / J. Macek / M. Mašíňová [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia mer. [p] 10.6. [hw, blue ink] / Stará obora 198[p]2[hw, blue ink] / env. Hluboká n. Vlt. [p] // Exk. N. Mus. Praha / J. Macek / M. Mašíňová [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia b. / Uhošť res. [p] 3.6. [hw, blue ink] / env. Kadaň 198[p]1[hw, blue ink] // Exk. N. Mus. Praha / J. Macek / M. Mašíňová [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia [p] cen / Závist, 20.5. [hw, blue ink] / J. Macek lgt. [p], 87 [hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia c. [p], 31.v. [hw, blue ink] / Praha- [p] Nebušice [hw, blue ink] / J. Macek lgt., 19[p]82[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia c. [p] 27.5. [hw, blue ink] / Praha- [p] Roztoky [hw, blue ink] / J. Macek lgt., 19[p]82[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia c. [p] 6.8. [hw, blue ink] / Praha- [p] Kunratice [hw, blue ink] / J. Macek lgt., 19[p]80[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Boh. c. Beroun env. [p] / Nižbor, 26.6. [hw, blue ink] / J. Macek lgt., 198[p]2[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Boh. c. Beroun env. [p] / Nižbor, 30.6. [hw, blue ink] / J. Macek lgt., 198[p]5[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Boh. c. Příbram env. [p] / Č. Voděrády, 22.6. [hw, blue ink] / J. Macek lgt., 198[p]5[hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia [p] cen. / Štěchovice, 16.iii. [hw, blue ink] / J. Macek lgt. [p] 1985 [hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia [p] cen. / Zvánovice, 19.6. [hw, blue ink] / J. Macek lgt. [p], 1988 [hw, blue ink] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (2 ♂♂): 'Bohemia b. / Uhošť res. [p] 3.6. [hw, blue ink] / env. Kadaň 198[p]2[hw, blue ink] // Exk. N. Mus. Praha / J. Macek / M. Mašíňová [p] // Acropiesta / pseudosciarivora sp.n. / J.Macek det, 1998 [p] // Paratypus / J.Macek det. [p, red label]'.

Current status. Valid species, currently as *Pantolyta pseudosciarivora* (Macek, 1998) (CHEMYREVA & KOLYADA 2021a).

Distribution. Palaearctic, known from the Czech Republic, Germany, Ireland, Russia, Sweden and the United Kingdom (MACEK 1998 and CHEMYREVA & KOLYADA 2021a).

Genus *Aprestes* Nixon, 1957

Aprestes japonica Macek, 1997

(Fig. 13)

Aprestes japonica Macek, 1997: 42–43, figs 4, 7, 8 (original description).

One paratype is deposited in NMPC (type collection):

PARATYPE (♀): 'JAPAN: Aichi(900m) / Shitara, Uradani / (Beech forest) / 19-25.ix.1994 / K. Yamagishi; YPT [p] // *Aprestes japonica* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]' (Fig. 13).

Current status. Valid species (MACEK 1997a).

Distribution. Palaearctic, known from Japan (MACEK 1997a).

Aprestes modesta Macek, 1997

(Fig. 14)

Aprestes modesta Macek, 1997: 43, fig. 5 (original description).

Six paratypes are deposited in NMPC (type collection):

- PARATYPE (♀): 'USA:NH:Rock. Co. / 1 mi SW Durham / v-12/26-1987 / DSChandler, FIT [p] // Aprestes / modesta sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]' (Fig. 14).
- PARATYPE (♀): 'Lac Crescence / Kam. Co., Que / 10-viii-1957 / W.R.M. Mason [p] // Aprestes / modesta sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'USA: NC: Macoc Co. / Whiteface Mts, e. s. / 10.vii, 1987, Huber [p] // Aprestes / modesta sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'USA: VA: Montgomery Co. / 8km NW Blackeburg [p] / 28.4.95 [hw, pencil] 1987, MT / rural, 1000m, BRC TEAM [p] // Aprestes / modesta sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'USA: VA, Page Co. / Shenandoah N.P. / 5.-22.5.1987, 150m / natural meadow / BRC HYM TEAM [p] // Aprestes / modesta sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'USA: ME: York Co., / West Lebanon / v-29/vi-11-1990 / DWBarry, malaise [p] // Aprestes / modesta sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]'.

Current status. Valid species (MACEK 1997a).

Distribution. Nearctic, known from Canada and the USA (MACEK 1997a).

Aprestes rugifrons Macek, 1997

(Fig. 15)

Aprestes rugifrons Macek, 1997: 41–42, figs 2, 6 (original description).

Nineteen paratypes are deposited in NMPC (type collection):

- PARATYPES (5 ♀♀): 'JAPAN: Aichi, 900m / Shitara, Uradani / 20-26. vi.1994 / K.Yamagishi YPT / beech forest [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]' (Fig. 15).
- PARATYPES (2 ♀♀): 'TAIWAN Taichung / Hsien, Anmashen / 2230m 4.v.1990 / A. Smetana [T44] [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPE (♀): 'TAIWAN: / Taichung Hsien / An-mashan / 2225m 1.v.1990 / A. Smetana s.s. // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPE (♀): 'TAIWAN Taichung / Hsien, A // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPES (2 ♀♀): 'JAPAN:Aichi(900m) / Shitara, Uradami / (Beech forest) / 19.-25.ix.1994 / K. Yamagishi;YPT [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPES (2 ♀♀): 'S. Korea, 400m / Mt. Sudo-Sen / Kyongsangpuk / 21-25.viii.1990 / K. Yamagishi [hw] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPE (♀): 'JAPAN: Honshu, 800m / Ibaraki, Mt. Taukuba [p] / 16.-25.7 [hw] / Sharkey, 1988, YPT [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPE (♀): 'JAPAN: Aichi Pref. / Narai, Toyota [p] / 30.8.-5.9.1990 [hw, pencil] / K. Yamagishi, PT [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPE (♀): 'JAPAN: Aichi Pref. / Yakusa, Toyota / 23.-29.vii.1990 / K. Yamagishi, PT [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPES (2 ♀♀): 'JAPAN: Aichi (900m), / Shitara, Uradani, beech for / 23.v.-3.vi.1997 / Yamagishi leg., YPT. [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.
- PARATYPE (♂): 'JAPAN:Aichi(900m) / Shitara, Uradani / (Beech forest) / 25.-31.vii.1994 / K. Yamagishi;YPT [p] // Aprestes / rugifrons sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek [p, red label]'.

Current status. Valid species (MACEK 1997a).

Distribution. Known from Japan, South Korea and Taiwan (MACEK 1997a).

Genus *Belyta* Jurine, 1807

Belyta nixonii Macek, 1996

(Fig. 16)

Belyta nixonii Macek, 1996: 18–19, figs 9, 47 (original description).

The holotype and two paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♀): 'Dania E-Jylland / Højen Baek S. of / Velje T. Munk [p] / 17.7.1983 [hw] // Holotypus / J.Macek det. [p, red label] // *Belyta nixonii* sp.n. / J. Macek, det. 1996 [p]' (Fig. 16). (Left antenna is missing.)
- PARATYPE (♀): 'Jettenhausen / obbay. 12.7. / 68 Haeselb. [p] // *Belyta nixonii* ♀ / (KIEFFER) / det. HILPERT, 1993 [p] // Paratypus / J.Macek det [p, red label] // *Belyta nixonii* sp.n. / J. Macek, det. 1996 [p]'.
- PARATYPE (♂): 'Bl., Karlskrona V.M / 2.8.55 [hw] ♂ [pencil] / coll. A. Sundholm [hw] // Paratypus / J.Macek det. [p, red label] // *Belyta nixonii* sp.n. / J.Macek, det. 1996 [p]' (Part of the left antenna missing and mounted on the same card).

Current status. Valid species (MACEK 1996a and HEDQVIST 2007).

Distribution. Western Palaearctic, known from Denmark, Germany, Sweden and the United Kingdom (MACEK 1996a and HEDQVIST 2007).

Belyta norica Macek, 1996

(Fig. 17)

Belyta norica Macek, 1996: 17–18, figs 20, 36, 45 (original description).

The holotype and six paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♀): 'I, TN, Riva / D 500m / 13.6.1976 / Haeselb. // Holotypus / J.Macek det. [p, red label] // *Belyta norica* sp.n. / J.Macek det. 1996 [p]' (Fig. 17). (Right antenna broken and mounted on the same card.)
- PARATYPES (4 ♂♂): 'I, TN, Riva / D 500m / 13.6.1976 / Haeselb. // *Belyta norica* sp.n. / J.Macek det. 1996 [p] // Paratypus / J.Macek det [p, red label]' (Head and both antennae broken and mounted on the same card.)
- PARATYPES (2 ♂♂): 'I. VI. Piovene / Mte. Summano / 600-900m, 3. / 7. 1985 Hbth [p] // *Belyta norica* sp.n. / J.Macek det. 1996 [p] // Paratypus / J.Macek det. [p, red label]'.

Current status. Valid species (MACEK 1996a).

Distribution. Known from Italy (MACEK 1996a).

Genus *Lyteba* Thomson, 1858

Lyteba pectinifer Macek, 1995

(Fig. 18)

Lyteba pectinifer Macek, 1995: 36–37, figs 4, 9 (original description).

The holotype and five paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♀): 'Moravia mer. / Podyji, rez. [p] / Mašovice, 11.6. [hw] / J.Macek lgt. 199 [p] 2 [hw] // *Lyteba pectinifer* sp.n. / det. Macek, 1995 [p] // Holotypus / J.Macek det [p, red label]' (Fig. 18).
- PARATYPE (♂): 'Moravia mer. / Podyji, rez. [p] / Baštův mlýn, 12.8. [hw, pencil] / J. Macek lgt. 199 [p] 1 [hw, pencil] // Paratypus / J.Macek det [p, red label] // *Lyteba pectinifer* sp.n. / det. Macek, 1995 [p]'.
- PARATYPES (2 ♂♂): 'Moravia mer. / Podyji, rez. [p] 12.8. / Baštův mlýn [hw, pencil] / J. Macek lgt. 199 [p] 1 [hw, pencil] // Paratypus / J.Macek det [p, red label] // *Lyteba pectinifer* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'Moravia [p] mer., 1.9. / Bulhary [hw, blue ink] / J. Macek lgt. [p], 1986 [hw, blue ink] // Paratypus / J.Macek det [p, red label] // *Lyteba pectinifer* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'Hungaria bor. / Mátrahéj., 1.8 / Galyatető / Szabó lgt, 1999 [hw] // Paratypus / J.Macek det [p, red label] // *Lyteba pectinifer* sp.n. / det. Macek, 1995 [p]'.

Current status. Valid species (MACEK 1995a).

Distribution. Western Palaearctic, known from the Czech Republic and Hungary (MACEK 1995a).

Genus *Macrohynniss* Förster, 1856

Macrohynniss ferrugineus Macek, 1997

(Fig. 19)

Macrohynniss ferrugineus Macek, 1997: 144–145, figs 1, 3, 4 (original description).

The holotype, allotype and 15 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘BOHEMIA mer. / Šumava, mts.[p], 26.8. [hw] / J. Macek, leg., 19[p]91[hw] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Holotypus / J.Macek det. [p, red label]’ (Fig. 19). (Antennomeres 7–13 of the right antenna are missing.)

ALLOTYPE (♂): ‘Austria, Tirol, Auf der Nase, Raubichl bei / Oberburgl, 2200 m, im / Schatten, 13.VIII.1967 / leg. Fischer [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Allotypus / J.Macek det [p, red label]’ (Fig. 19). (Last two antennomeres of the left antenna are missing.)

PARATYPE (♀): ‘Kleanza Cr. B. C. / 14mi. E. Terrace [p] / 17.VI [hw] 1960 / C. H. Mann [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’. (Part of the left antenna is missing.)

PARATYPES (3 ♀♀): ‘Mt. Thornhill / Terrace, B. C. [p] / 8.VIII [hw] 1960 / C. H. Mann [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Glacier Cr. B. C. / 10mi. N. Terrace [p] / 7.VII [hw] 1960 / B. S. Hemig [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’. (Part of the left antenna is missing.)

PARATYPE (♀): ‘CANADA, BC. / Vancouver Is. / East Sooke PK / 1-14. VIII.1984 / R. A. Cannings MT [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Old Chelsea, QUE. / Summit King Mt. / 1150’ [p] 18.vii [hw] 196[p]1[hw] / J. R. Vockeroth [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♀): ‘Mt. Allard, B. C. / 23mi. N. Terrace [p] / 7-VII- [hw] 1960 / C. H. Mann [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Kleanza Creek / 14mi. E. Terrace, / B. C. [p] 17-VI [hw] 1960 / R. Pilfrey 250: [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘USA: OR: Lane Co., / N end Blue River / Res., V-13-1983 / DSChandler, sweep [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Lac. Phillipe / Que. [p] 22.VIII. [hw] 19 [p] 59 [hw] / 45°37’N, 76°W / J.R. Vockeroth [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Kleanza Creek, / 14mi. E. Terrace / B. C. [p] 13.VII [hw] 1960 / J. G. Chillcott [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Whitehorn Lift, / L. Louise, ALTA. / 6800’23-VII-62 / W. R. M. Mason [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Mt. Thornhill, nr / Terrace, B. C. [p] / 26.VII [hw] 1960 / B. Hemig [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Jade Lk. Trail [p] / 19-VIII- [hw] 1952 / G. J. Spencer [p] / 63300t [p, vertically written] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

PARATYPE (♂): ‘Squamish, B. C. / Diamond Head Trail / 4000ft. [p] 30. [hw] Aug. / W.R.M. Mason 1953 [p] // *Macrohynniss ferrugineus* sp.n. / det. Macek J., 1997 [p] // Paratypus / J.Macek det. [p, red label]’.

Current status. Valid species (VIKBERG & KOPONEN 2002).

Distribution. Holarctic, known from Austria, the Czech Republic, Canada, and the USA (MACEK 1997b, VIKBERG & KOPONEN 2002).

Genus *Opazon* Haliday, 1857

Opazon frigidum Macek, 1995

(Fig. 20)

Opazon frigidum Macek, 1995: 83–84, figs 4, 8, 10 (original description).

Sixteen paratypes are deposited in NMPC (type collection):

PARATYPES (4 ♀♀): ‘Russia: Yamal Peninsula / (70°11’N, 67°17’E), / site 23, 22-23.viii.1994 / leg. C. Hansson [p] // Swedish-Russian / Tundra Ecology- / expedition 1994 [p] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’ (Fig. 20).

PARATYPE (♀): ‘Russia: Kanin Peninsula / (68°20’N, 45°54’E), / site 26, 29-30.viii.1994 / leg. C. Hansson [p] // Swedish-Russian / Tundra Ecology- / expedition 1994 [p] // *Opazon frigidum* sp.n. [p] // Paratypus / J.Macek det. 19[p]95[hw]’.

PARATYPE (♂): ‘Russia: Yamal Peninsula / (70°11’N, 67°17’E), / site 23, 22-23.viii.1994 / leg. C. Hansson [p] // Swedish-Russian / Tundra Ecology- / expedition 1994 [p] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’.

PARATYPE (♂): ‘Polonia, Podkowa L. / Rez.B.Hryzniewieckiego [p] / 14.-21.8. [hw] 198[p]4[hw] / leg. Ekipa IZ PAN // Potentillo albae- / Quercetum / Pinus silvestris / yellow pan-trap [p] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’.

PARATYPES (2 ♂♂): ‘Polonia, Podkowa L. / Rez.B.Hryzniewieckiego [p] / 23.-29.8. [hw] 198[p]4[hw] / leg. Ekipa IZ PAN // Potentillo albae- / Quercetum [p] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’.

PARATYPES (2 ♂♂): ‘Bohemia centralis / Celakovice env. / Lipovka res. [p] / 5.-12.5. [hw, pencil] / Macek lgt. 1994 [p] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’.

PARATYPE (♂): ‘Bohemia [p] cent. / PREROV n. LABEM [hw] / J. Macek lgt [p] 9.5.90 [hw] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’.

PARATYPES (3 ♂♂): ‘Polonia, Podkowa L. / Rez.B.Hryzniewieckiego [p] / 15.-22.5. [hw] 198[p]4[hw] / leg. Ekipa IZ PAN // Potentillo albae- / Quercetum [p] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’.

PARATYPE (♂): ‘Örebro / trakten / Ringselle [p] / 17/6 38 / “indistinct characters” [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label] // *Opazon frigidum* sp.n. / det. Macek, 1995 [p]’.

Current status. Valid species (CHEMYREVA 2021).

Distribution. Palaearctic, known from the Czech Republic, Estonia, Kazakhstan, Mongolia, Poland, Russia and Sweden (MACEK 1995b and CHEMYREVA 2021).

Genus *Pantolyta* Förster, 1856

Pantolyta hadrosoma Macek, 1993

(Fig. 22)

Pantolyta hadrosoma Macek, 1993: 48–49, figs 1, 6, 11, 17 (original description).

The holotype, allotype and 45 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘Boh. c. Beroun env. [p] / Mořinka, 17.5. [hw] / J. Macek lgt., 198[p]8[hw] / *Pantolyta* [hw, reverse side of the same label] // Holotypus [p] / *hadrosoma* [hw] / J.Macek det. 19[p]93[hw, red label]’ (Fig. 22).

ALLOTYPE (♂): ‘Moravia [p] mer. Lužní / les, Pohansko [hw] / J. Macek lgt. [p] 8.5.90 [hw] / *Pantolyta* [hw, reverse side of the same label] // Allotypus P [p] / *hadrosoma* [hw] / J.Macek det. 19[p]92[hw, red label]’ (Fig. 22).

PARATYPE (♀): ‘Polonia, Podkowa L. / Rez. B. Hryzniewieckiego [p] /

- 29.8.-4.9. [hw] 198[p]4[hw] / leg. Ekipa IZ PAN [p] // Potentillo albae- / Quercetum [p] // Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPES (1 ♂ 1 ♀): ‘Polonia, Podkowa L. / Rez. B. Hryniewieckiego [p] / 29.8.-4.9. [hw] 198[p]4 [hw] / leg. Ekipa IZ PAN [p] // Potentillo albae- / Quercetum [p] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Bohemia mer. / Purkarec [p], 1.vi. [hw] / J. Macek lgt., 19[p]83[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Polonia, Warszawa / Rez. J. Sobieskiego [p] / 17.-26.6. [hw] 198[p]2[hw] / leg. Ekipa IZ PAN [p] // Potentillo albae- / Quercetum / Quercus robur / yellow pan-trap [p] Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Ócsa Nagyerdő / 195[p]2.x.28.[hw, blue ink] / leg. [p] Kaszab [hw, blue ink] // Korhadrieger- / fa rostalva [hw, blue ink] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘D, BY, Hohen- / schwangau / Säulinweg / 1120–1300m / 16. 7. 1974 / Haeselbarth [p] / Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘DiscòSztMárt. / Csiki [p] // Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPES (1 ♀ 1 ♂): ‘Polonia cen., 8.6. / Warszawa-Wilanow / Macek, leg.1989 [p] / Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Polonia centr. / Klembow, res., 30.5. / Macek, leg.1989 [p] / Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Moravia mer. [p] 21.6. / Okříšky [hw] / J. Macek lgt., 198[p]3[p] // Paratypus A [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Bohemia c. / Mnišek ok / Masner lgt. [hw] / Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Bohemia [p] cen., 17.5. / Mořinka, BE [hw] / J. Macek lgt. [p], 1988 [hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Boh. m., Třeboň distr. [p] / Hamr 3.5. [hw] / J. Macek lgt., 198[p]3[hw] // Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Bohemia c. [p], 31.v. [hw] / Praha - [p] Nebušice [hw] / J. Macek lgt. 19[p]82[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Moravia [p] mer. Lužní / les. Pohansko [hw] / J. Macek lgt. [p] 8.5.90. [hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPES (2 ♀♀ 2 ♂♂): ‘Bohemia mer [p] 10.6. [hw] / Stará obora 198[p]2[hw] / env Hluboká n. Vlt. // Exk. N. Mus. Praha / J Macek / M. Mašínová [p] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Boh. C. Hřebený Mt. [p] / Voznice, 9.6. [hw] / J. Macek lgt., 198[p]8[hw] // Paratypus L [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♀): ‘Boh. m., Třeboň distr. [p] / Třeboň 31.v. [hw] / J. Macek lgt., 198[p]3[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPES (2 ♂♂): ‘Bohemia [p] cent. 4.vi. Krivoklát env. [hw] / J. Macek lgt. [p] 1984 [hw] // Paratypus [p] hadrosoma [hw, pencil] / J.Macek det. 19[p, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Bohemia cent. / Onen Svět 27 9 / J Macek lgt 1983 [p] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Boh. C. Hřebený Mt. [p] / Stožec, 30.6. [hw] / J. Macek lgt., 198[p]1[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPES (2 ♂♂): ‘Bohemia c. [p], 31.v. / Praha – [p] Nebušice [hw, blue ink] / J. Macek lgt., 19[p]82[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Boh. c., Příbram env. [p] / Květná 12.ix. [hw] / J. Macek lgt., 198[p]1[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Bohemia mer [p] 10.6. [hw] / Stará obora 198[p]2[hw] / env Hluboká n. Vlt. // Exk. N. Mus. Praha / J Macek / M. Mašínová [p] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Bohemia mer. [p] 11.6. [hw, blue ink] / Purkarec [p] Olešník [hw, blue ink] / J. Macek lgt., 19[p]82[hw, blue ink] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Bohemia [p] cen. / ▲ Medník, 16.vi. [hw] / J. Macek lgt. [p] 1985 [hw] // Paratypus [p] hadrosoma [hw, pencil] / J.Macek det. 19 [p, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPES (2 ♂♂): ‘Boh. c., Příbram env. [p] / Brzina, 6.10 [hw] J. Macek., 198[p]5[hw] // Paratypus [p] hadrosoma [hw, pencil] / J.Macek det. 19 [p, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Polonia, Radziejowice [p] / 23.8. [hw] 19[p] 77[hw] / leg. Ekipa IZ PAN [p] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Sm [p] Lamhult [hw] / ♂ [hw, pencil] 16.8.66 [hw] / coll A. Sundholm [p] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Bohemia [p] mer. / Dívčice, 22.5. [hw] / J Macek leg. 19[p]82[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- (Head mounted on the bottom of the same card.)
- PARATYPE (♂): ‘Bohemia [p] mer., 8.7. / Ležnice riv. [hw] / J. Macek lgt. [p], 1985 [hw] / Bechyně [hw, reverse side of the same label] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93 [hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Boh. m., Třeboň distr. [p] / Hamr 31.5. [hw] / J. Macek lgt., 198[p]3[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Boh.m., Třeboň distr. [hw] / Třeboň 31.v. [hw] / J. Macek lgt., 198[p]3[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93 [hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- (Left forewing mounted on the bottom of the same card.)
- PARATYPE (♂): ‘Polonia bor. 3.6. / Pucza Borecka / Macek, leg., 1989 [p] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPE (♂): ‘Moravia mer. [p] 21.6. [illegible crossed-out word] Slavětice [hw] / J. Macek lgt., 198[p]3[hw] // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.
- PARATYPES (2 ♂♂): ‘Bohemia b. / Uhoř res. [p] 3.6. [hw] env. Kadaň 198[p]2[hw] // Exk. N. Mus. Praha / J Macek / M. Mašínová // Paratypus [p] / hadrosoma [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label]’.

Current status. Valid species (CHEMYREVA & KOLYADA 2019a).

Distribution. Palaearctic, known from the Czech Republic, Estonia, Georgia, Germany, Greece, Hungary, Lithuania, Poland, Russia, and Sweden (MACEK 1993, CHEMYREVA & KOLYADA 2019a).

Pantolyta nixonii Macek, 1993

(Fig. 23)

Pantolyta nixonii Macek, 1993: 46–48, figs 2, 5 (original description).

The holotype, allotype and 31 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): ‘Slovakia bor. [p] / Chočské vrchy, 8.2. / Prosečné [hw, blue ink] / J.Macek lgt 1982 [p] // Holotypus [p] / nixonii sp.n. [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side

- of the same label] // Mus. Nat. Pragae / Inv.[p] 26278 [hw, orange label]' (Fig. 23).
- ALLOTYPE (♂): 'Boh. c. [p], Příbram env. [p] / Č. Voděradý, 22.6. [hw] / J. Macek., 198[p]5[hw] // Allotypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv [p] 26279 [hw, orange label]' (Fig. 23).
- PARATYPE (♀): 'Boh. c. [p], Příbram env. [p, crossed out by pen with black ink] / Černé Voděradý 22.6. [hw] / J. Macek., 198[p]5[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26280 [hw, orange label]'.
- PARATYPE (♀): 'Boh. c. [p], Příbram env. [p, crossed out by pen with black ink] / Č. Voděradý, 22.6. [hw] / J. Macek., 198[p]5[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26281 [hw, orange label]'.
- PARATYPE (♀): 'Boh. c. [p], Příbram env. [p, crossed out by pen with black ink] / Č. Voděradý, 22.6. [hw] / J. Macek., 198[p]5[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26282 [hw, orange label]'.
- PARATYPE (♀): 'Boh. c. [p], Příbram env. [p, crossed out by pen with black ink] / Č. Voděradý, 22.6. [hw] / J. Macek., 198[p]5[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26283 [hw, orange label]'.
- PARATYPE (♂): 'Boh. c. [p], Příbram env. [p, crossed out by pen with black ink] / Černé Voděradý 22.6. [hw] / J. Macek., 198[p]5[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26284 [hw, orange label]'.
- PARATYPE (♀): 'Bohemia [p] centr., 11.8. / Křivoklát env. [hw, blue ink] / J. Macek lgt. [p], 1981 [hw] / Pleše [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26285 [hw, orange label]'.
- PARATYPE (♀): 'BOHEMIA mer. [p] 31.7. [hw] / Šumava, mts. [p] Boubín [hw] / J. Macek, leg., 198[p]2[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26286 [hw, orange label]'.
- PARATYPE (♀): 'BOHEMIA mer. [p] 2.7. [hw] / env. Lomnice n. Luž. / J. Macek lgt., 198[p]1 [hw] / Kolenská / obora [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26287 [hw, orange label]'.
- PARATYPE (♀): 'Bohemia [p] occ / Habartice, 1.8.1982 [hw] / leg. Macek [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26288 [hw, orange label]'.
- PARATYPE (♀): 'Boh. c. Hřebený Mt. [p] / Stožec, 30.6. . [hw] / J. Macek lgt., 198[p]1[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26289 [hw, orange label]'.
- PARATYPE (♀): 'Bohemia mer. / Čičenice, 23.5. / J. Macek, leg. 1982 [hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26290 [hw, orange label]'.
- PARATYPE (♂): 'Boh. m., Třeboň distr. [p] / Nové Hradý, 18.10. [hw] / J. Macek lgt., 198[p]5[hw] / Hranice-Blata [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26300 [hw, orange label]'.
- PARATYPE (♂): 'Bohemia m. [p] 10. [hw] VII. / Stráž n. Nežárkou / J. Macek lgt., 198[p]5[hw] / Jemčina [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26301 [hw, orange label]'.
- PARATYPE (♂): 'Bohemia [p] cent., 22.8. / Samechov [hw] / J. Macek lgt. [p], 1985 [hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26302 [hw, orange label]'.
- PARATYPE (♂): 'Modřany / 16.9.56 [hw, blue ink] // Bohemia [p] / Macek [hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26303 [hw, orange label]'.
- PARATYPE (♂): 'Moravia [p] mer. Lužní / Les, Pohansko [hw] / J. Macek lgt. [p] 8.5.90 [hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26304 [hw, orange label]'.
- PARATYPE (♂): 'Moravia [p] mer / Podyjí, res, 15.7. [hw, pencil] / J. Macek lgt. [p], 1991 [hw, pencil] / Nový / Hrádek [hw, pencil, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26305 [hw, orange label]'.
- PARATYPE (♂): 'Slovakia bor [p] / Bel. Tatry, 15.8. / Široká [hw, blue ink] / J. Macek lgt 1982 [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26306 [hw, orange label]'.
- PARATYPE (♂): 'Slovakia bor [p] / Bel. Tatry, 15.8. / Široká [hw, blue ink] / J. Macek lgt 1982 [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26307 [hw, orange label]'.
- PARATYPE (♂): 'Slovakia bor [p] / Bel. Tatry, 15.8. / Javorina [hw, blue ink] / J. Macek lgt 1982 [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26308 [hw, orange label]'.
- PARATYPE (♂): 'Slovakia bor [p] / Bel. Tatry, 15.8. / Javorina [hw, blue ink] / J. Macek lgt 1982 [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26309 [hw, orange label]'.
- PARATYPE (♂): 'Slovakia bo. [p] / Vys. Tatry 13.8. / Tatr. kotlina [hw] / J. Macek lgt 198[p]2[hw] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26310 [hw, orange label]'.
- PARATYPE (♀): 'Slovakia bor. [p], 9.8. / Roháčce mts. / Jalovecká dol. [hw] / J. Macek lgt 1982 [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26311 [hw, orange label]'.
- PARATYPE (♀): 'Slovakia [p] merid. / Gombasek [hw] / J. Macek lgt. [p] 1985 [hw] / 17.5. [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26312 [hw, orange label]'.
- PARATYPE (♀): 'Slovakia [p] cen., 2.8. / Poľana [hw] / J. Macek lgt. [p], 1986 [hw] / Hrončeský / Grúň [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26313 [hw, orange label]'.
- PARATYPE (♂): 'Ócsa Nagyardö / 195[p]2. IX.16. [hw] // Odvasfák / alól rostálva [hw] // leg. Kaszab & Székessy [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26314 [hw, orange label]'.
- PARATYPE (♀): 'Germania occid / Stuttgart, env. / Jansen, lgt. [p] / Willstetten / 401m [p] 18.8.80 [hw, reverse side of the same label] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26315 [hw, orange label]'.
- PARATYPE (♂): 'Polonia centralis / Torun, env. [p], 29.9. [hw, pencil] / Macek lgt., 1987 [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26316 [hw, orange label]'.
- PARATYPE (♂): 'Polonia, Warszawa / Rez. Sobieskiego [p] / 14.9. [hw, blue ink] 198[p]1 [hw, blue ink] / leg. Ekpa IZ PAN [p] // Tilio-Carpinetum / herb layer / yellow pan trap [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26317 [hw, orange label]'.
- PARATYPE (♀): 'Polonia, Warszawa / Rez. J. Sobieskiego [p] / 19.-29.10 [hw, blue ink] 198[p]1 [hw, blue ink] / leg. Ekpa IZ PAN // Tilio-Carpinetum / herb layer / yellow pan trap [p] // Paratypus [p] / nixon sp.n. [hw] / J. Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26318 [hw, orange label]'.

PARATYPE (♀): 'Polonia, Warszawa / Rez. J. Sobieskiego [p] / 28.9. [hw, blue ink] 198[p]7[hw, blue ink] / leg. Ekpa IZ PAN // Tilio-Carpinetum / herb layer / yellow pan trap [p] // Paratypus [p] / nixonii sp.n. [hw] / J.Macek det. 19[p]93[hw, red label] / Pantolyta [hw, reverse side of the same label] // Mus. Nat. Pragae / Inv. [p] 26319 [hw, orange label]'.

Current status. Valid species (CHEMYREVA & KOLYADA 2019a, IZADIZADEH et al. 2021).

Distribution. Palaearctic, known from Azerbaijan, the Czech Republic, Germany, Hungary, Iran, Poland, Russia and Sweden (MACEK 1993, CHEMYREVA & KOLYADA 2019a, IZADIZADEH et al. 2021).

Genus *Psilommacra* Macek, 1990

Psilommacra oligomera Macek, 1990

(Fig. 21)

Psilommacra oligomera Macek, 1990: 346–348, figs 1–7 (original description).

The holotype and ten paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): 'Visegrád.1926. / Biró. VI.12. [p] // Holotypus [p, red ink] / *Psilommacra / oligomera* sp.n. / des Macek, 1988 [hw, white label in red frame] // Mus. Nat. Pragae / Inv. [p] 26.267 [hw, orange label]' (Fig. 21).

PARATYPE (♀): 'O. Sebeshely / Biró. 913. VI [p] / 25.VI [hw, reverse side of the same label] // Paratypus [p] ♀ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p] 89[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.268 [hw, orange label]'.

PARATYPE (♀): 'O. Sebeshely / Biró. 913. VI [p] / 25.VI [hw, reverse side of the same label] // Paratypus [p] ♀ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]89[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.269 [hw, orange label]'.

PARATYPE (♀): 'O. Sebeshely / Biró. 913. VI [p] / 25.VI [hw, reverse side of the same label] // Paratypus [p] ♀ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]89[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.270 [hw, orange label]'. (Right antenna is missing.)

PARATYPE (♀): 'Juni [hw] 19[p]80: II[hw] / Obenbergen/Kai- / serstuhl / Baden / leg. Gack [p] // Belytinae / gen.sp.1 ♀ [hw] / det. Hilpert-87 [p] // Paratypus [p] ♀ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]89[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.271 [hw, orange label]'. (Almost entire left and part of right antenna are missing.)

PARATYPE (♂): '327 [hw] // . 1.-9.6. [hw] 198[p]6[hw]; 13[p]6[hw] / Värstetten bei Freiburg / Südbaden, 205m; 7°50'E / 48°04'25'N; leg. Ssymank [p] // Paratypus [p] ♂ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]89[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.272 [hw, orange label]'.

PARATYPE (♀): 'Mai [hw] 19[hw]80; R[hw] / Obenbergen/Kai- / serstuhl / Baden / leg. Gack [p] // Belytinae / gen.sp.1 ♀ [hw] / det. Hilpert-87 [p] // Paratypus [p] ♀ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]89[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.273 [hw, orange label]'.

PARATYPE (♂): 'Bohemia c. [p], 25.6. [hw] / Praha- [p] Roztoky [hw] / J. Macek lgt., 19[p]86[hw] // Paratypus [p] ♂ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]89[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.274 [hw, orange label]'.

PARATYPE (♂): 'Boh. c. Hřeben Mt. [p] / Dobřichovice, 15.9. [hw] / J. Macek lgt., 198[p]5[hw] // Paratypus [p] ♂ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]88[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.275 [hw, orange label]'. (Head is mounted on the bottom of the same card as body.)

PARATYPE (♂): 'Boh. C. Beroun env. [p] / Vonoklasy [hw, blue ink] / J. Macek lgt., 198[p]5[hw, blue ink] // Paratypus [p] / *Psilommacra / oligomera* sp.n. [hw] / J. Macek [p], 19[hw, blue ink]88[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.276 [hw, orange label]'.

PARATYPE (♂): 'Moravia mer. [p] 21.6. [hw] / Oslava [hw, rewritten printed text] / J. Macek lgt., 198[p]3[hw] / Kraví / Hora [hw, reverse side of the same label] // Paratypus [p] ♂ / *Psilommacra / oligomera* sp.n. [hw] / J.Macek det. 19[p]88[hw, red label] // Mus. Nat. Pragae / Inv. [p] 26.277 [hw, orange label]'.

Current status. Valid species (JOHNSON 1992, CHEMYREVA & KOLYADA 2021b).

Distribution. Western Palaearctic, known from the Czech Republic, Germany, Hungary and Romania (MACEK 1990).

Genus *Scorpioteleia* Ashmead, 1897

Scorpioteleia nixonii Macek, 2006

(Fig. 24)

Scorpioteleia nixonii Macek, 2006b: 202–205, figs 2, 7, 12, 17, 22 (original description).

The holotype, allotype and 24 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): 'CZ: Králický Sněžník / Horní Morava (valley) / 24.viii.2001, Macek lgt [p] // Holotypus / J.Macek det. [p, red label]' (Fig. 24). (Last segment of the left antenna is missing.)

ALLOTYPE (♂): 'Bohemia [p] mer., 16.7. / Pelhřimov distr. [hw, blue ink] / J. Macek lgt. [p], 1982 [hw, blue ink] / Δ Křemešník [hw, blue ink, reverse side of the same label] // Allotypus / J.Macek det. [p, red label]' (Fig. 24). (Last segment of the left antenna is missing.)

PARATYPE (♀): 'CZ: Bohemia septen. / Sokolov dist., Rašeliny [p] / 28.8. [hw] / Chvojka & Ježek, 2001 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'Bohemia [p] or., 18.7. / Běstvina [hw] / J. Macek lgt. [p], 1985 [hw] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'CZ: Orlické hory, FIT / Pod Sfingou, FIT [p] / 19.8. [hw] / J. Hájek lgt, 2003 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'CZ: Orlické hory / Kamenec-halda, 9.x. / Hájek lgt., 1995 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'SSSR: Pavlovsk / Lenigr. Obl. / 17.ix.1963 Bouček [hw] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'Bohemia [p] bor. / Dubá, 27.7. [hw, blue ink] / J. Macek lgt. [p], 1986 [hw, blue ink] // Paratypus / J.Macek det. [p, red label]'.

PARATYPES (2 ♀♀): 'Austria, Stmk. (111) / S Hitzmannsdorf bei / Mühlen, 950m, gewittig / 23.7.71, leg. Fischer [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'Polonia borealis / Bory Tucholskie [p] / Sliwice 22.9. [hw] / Macek lgt., 1987 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'Boh. m., Třeboň distr. [p] / Stříbřec, 17.10. [hw] / J. Macek lgt., 198[p]5[hw] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'BOHEMIA mer. / Šumava, mts. [p], 5.7. [hw, blue ink] / J. Macek, leg., 198[p]1[hw] / Rožmberk / nad Vltavou [hw, blue ink, reverse side of the same label] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'Austria inf / Wien / 9.19.17 / J. Sekera [hw] // Paratypus / J.Macek det. [p, red label]'.

PARATYPES (2 ♀♀): 'ČSR Moravia / Ubušín [p] 2.viii [hw] / Fr. Gregor 193[p]8[hw] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'CZ: Moravia mer. / Pustý žleb, 8.8. / Moravský kras / Masner & Macek, 1991 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPES (2 ♀♀): 'Bohemia sept. / Bělá u Děčína / 20.8.56 Běk [hw] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'CZ: Boh. occ., [p] 6.7. [hw] / Sokolov distr. Výsypka, / Pastviny, Chvojka, Ježek lgt [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'CZ: Novohradské hory / Myslívna, mt., 11.viii / Macek lgt., 1993 [p] // Paratypus / J.Macek det. [p, red label]'. (Part of the right antenna is missing.)

PARATYPE (♂): 'BOHEMIA mer. [p] 27. [hw, blue ink] / env. Lomnice n. Luž. / J. Macek, 198[p]1[hw] / Kolenská / obora [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'Bohemia mer. [p] 5.7. [hw, blue ink] / Stará obora 198[p]2[hw] / env. Hluboká n. Vlt. [p] / Rachačky [hw, reverse side of the same label] // Exk. N. Mst. Praha / J. Macek / M. Mašínová [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'Bohemia [p] mer., 16.7. / Pelhřimov dist. [hw, blue ink] / J. Macek lgt. [p], 1982 [hw] / Křemešník [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label]'.

PARATYPES (2 ♂♂): 'CZ: Orlické hory, FIT / Zvonkové údolí [p] / 21.7. [hw] / J. Hájek lgt, 2003 [p] // d4 / 03 [p] // Paratypus / J.Macek det. [p, red label]'. (Right hind leg broken and mounted on the same card.)

Current status. Valid species (MACEK 2006b).

Distribution. Western Palaearctic, known from Austria, the Czech Republic, Poland, Russia and Sweden (MACEK 2006b).

Genus *Synacra* Förster, 1856

Synacra atracta Macek, 1995

(Fig. 25)

Synacra atracta Macek, 1995: 477–478, figs 3, 10, 16 (original description).

The holotype, allotype and 26 paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♀): ‘Slovakia bor. [p] / Bel. Tatry / Široká.18.8. [hw, blue ink] / “J. Macek” [p, indistinct characters] lgt 1982 [p] // Holotypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’ (Fig. 25).
- ALLOTYPE (♂): ‘Moravia mer. [p]21.6. [hw] / Lanzhot [p] Slavětice [hw] / J.Macek lgt.,198[p]3[hw] // Allotypus / J.Macek det [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’ (Fig. 25).
- PARATYPE (♀): ‘Bohemia centralis / Celakovice env. / Lipovka res. [p] / 2.-17.6. [hw] / Macek lgt. 1994 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘CH, GR, S-charl / God Tamangur / 2150m 12.8.73 / Haeselbarth [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPES (2 ♀♀): ‘Obir [p] / 8.[hw] viii.1940 [p] // leg. C. Koch [p] // Pantolitini / gen. sp. 1 ♀ [hw] / det. Hilpert-87 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Obir [p] / 8.[hw] viii.1940 [p] // leg. C. Koch [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Bel. Tatry, 15.8 / Široká [hw, blue ink] / J. Macek lgt 1982 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Vys. Tatry 13.8. / Tatr. Kotlina [hw, blue ink] / J. Macek lgt. 1982 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Vys. Tatry, 12.8. / Tri Studničky [hw, blue ink] / Macek lgt 1982 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’ (Head broken and mounted on the same card.)
- PARATYPE (♀): ‘Slovakia bor. [p] / Vys. Tatry, 12.8. / Tri Studničky [hw, blue ink] / J. Macek lgt 1982 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’ (Head broken and mounted on the same card.)
- PARATYPE (♀): ‘Silesia c. / Karlova Studánka / 18.vii.56 Běk [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Bohemia [p] cen / Lipovka, res. [hw] / J. Macek lgt. [p] 93 [hw] / 25.5.-2.6. [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Bohemia [p] cen. / Lipovka, res. [hw] / J. Macek lgt. [p], 93 [hw] / 8.-16.6 [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Slovakia bor. [p], 11.8. / Roháče, mts / Jammnická dol. [hw, blue label] / J. Macek lgt 1982 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Gampenjoch, Süd-/tirol. 1550m, F / 23.7.66 Hbth. [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p, grey label]’.
- PARATYPE (♀): ‘St. Peter/Ahrn- / tal, Südtirol / 1950m, Ja/26.8. / 67 Haeselbarth [p, grey label] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Austria, Tirol -132- / Zwieselstein, Lärchen- / wald, 1450m, vor Regen / 27.7.72, leg. FISCHER [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.

- PARATYPES (3 ♀♀): ‘NEPAL, Phulcoki / 2600m, 13.x.1983 / Oak forest ss. / A. Smetana [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘Austrie-Tyrol / Grubigstein s/Lermoos / 2150m. 8.viii.67 [hw] / A. Comellini [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♀): ‘BOHEMIA mer. [p] 31.8. [hw] / Šumava, mts. [p] Boubín [hw] / J. Macek, leg., 198[p]2[hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♂): ‘Boh.m., Třeboň distr. [p] / Hamr 31.v. [hw] / J. Macek lgt., 198[p]3[hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♂): ‘Juni 79 / Altglashütten / i.Schw., >1000m [hw] // Pantolyta / fuscipes / Ki. ♂ [hw] / det. Hilpert-87 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPES (2 ♂♂): ‘D, BY, Ammergeb. / Kessel b.Kenzen / 1650m, 29.7.1978 / E. Haeselbarth [p, grey label] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.
- PARATYPE (♂): ‘Bohemia centralis / Celakovice env. / Lipovka res. [p] / 2.-17.6. [hw] / Macek lgt. 1994 [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / atracta* sp.n / det. Macek, 1995. [p]’.

Current status. Valid species (CHEMYREVA & KOLYADA 2019b).

Distribution. Known from Austria, the Czech Republic, Germany, Russia, Slovakia, and Nepal (MACEK 1995c and CHEMYREVA & KOLYADA 2019b).

Synacra paupera Macek, 1995

(Fig. 26)

Synacra paupera Macek, 1995: 478–480, figs 4, 5, 9, 15, 18 (original description).

The holotype, allotype and 44 paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♀): ‘Danmark, SJ / Bov, Feb.1993 / Folker-Hansen [hw, pencil] // ex Bradysia / paupera [hw, pencil] // Holotypus / J.Macek det [p, red label] // *Synacra / paupera* sp.n / det. Macek, 1995 [p]’ (Fig. 26).
- ALLOTYPE (♂): ‘Danmark, SJ / Bov, Feb.1993 / Folker-Hansen [hw, pencil] // ex Bradysia / paupera [hw, pencil] // Allotypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n / det. Macek, 1995 [p]’ (Fig. 26).
- PARATYPES (2 ♀♀): ‘Danmark, SJ / Bov, Feb. 1993 / Folker-Hansen [hw, pencil] // ex Bradysia / paupera [hw, pencil] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.
- PARATYPE (♀): ‘Dania / Aarhus / greenhouse [hw] / ex / Bradysia / paupera [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’ (Heavily damaged specimen.)
- PARATYPES (2 ♀♀): ‘JAPAN: Aichi Pref. / Douzuki, Obara / 6.-12.ix.1990 / K. Yamagishi, PT [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.
- PARATYPE (♀): ‘MALAYSIA: Selangor / 2 km N of Genting / Highlands. 1750m / 28.vi.90 J. Heraty / H107 elfin forest [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.
- PARATYPE (♀): ‘JAPAN: Aichi / Mt. Sanage-yana [p] / 4.-10.vii. [hw] 1989 / A. Takano, MT [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.
- PARATYPE (♀): ‘JAPAN: Honshu / Ibaraki Pref. / Tsuchiura forest / 2.-16.x.1989 / M.J. Sharkey, PT [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.
- PARATYPE (♀): ‘South Carolina: Anderson Co / Pendleton, Tanglewood Sorg / 34°38.7’N, 82°47.1’W, 740 el / Malaise trap, springbrook [p] / 3-13.v.1987 MT [hw] / J. Morse [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.
- PARATYPE (♀): ‘CANADA: B. C. / Pitt Meadows / 18.vii.1991 / J. Thornbridge [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.
- PARATYPE (♀): ‘CANADA: ON; Nepean / Pine Given [p] / 1-5.x. [hw] 19[p]92[hw] / L. Masner [p] FIT [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]’.

Genus *Synbelyta* Hellén, 1964*Synbelyta acanthoestra* Macek, 1996

(Fig. 27)

Synbelyta acanthoestra Macek, 1996: 69–70, fig. 13 (original description).

The holotype, allotype and 26 paratypes are deposited in NMPC (type collection):

- PARATYPES (2 ♀♀): 'PA. st. College / 11.ix.81 / D. Shellar / Fungusgnat / pupae [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♀): 'ONT., Ottawa [p] / 15.-20.viii [hw] 87 / H. Goulet [p] PT [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♀): 'AB: Edmonton / (in house) / 27.iv.1984 / A.G.Banfi [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPES (8 ♀♀): 'CANADA: AB: / Vegreville / 26.iii.1993 / R. B. Hughes [p] // fungus gnats / in soil-rearing / cage [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♀): 'CANADA: ON: / Nepean Pine Glen [p] / 25.-28.viii. [hw] 1994 / L. Masner, FIT [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♀): 'NEDERLAND Aalsmeer / ex *Bradysia paupera* / (Sci-aridae) in green- / house 18-VI-1991 / M. Boogaard [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♀): 'near *Chorthippus brunneus* / egg pods indoors. / Univ. East Anglia, Norwich / TG 19-07-27.iv.1994 coll MGT pods [hw, folded label under specimen] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♀): 'Univ. East Anglia, Norwich / TG19-07-20.iv.1994 / coll. MG Telfer indoors with / *Chorthippus brunneus* (Thunb.) / egg-pods [hw, folded label under specimen] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPES (3 ♂♂): 'Dania / Aarhus / greenhouse [hw] / ex / *Bradysia / paupera* [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'NEDERLAND Aalsmeer / ex *Bradysia paupera* / (Sci-aridae) in green- / house 18-vi-1991 / M. Boogaard [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'VA.: Fairfax Co. / near Annandale [p] / 12.8. [hw, pencil] 19[p]84[hw, pencil] / Malaise trap / David R. Smith [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'VA.: Fairfax Co. / near Annandale [p] / 24.6. [hw, pencil] 19[p]84[hw, pencil] / Malaise trap / David R. Smith // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'MALAYSIA: Selangor / 2 km N of Genting / Highlands. 1750m / 28.vi.90 J. Heraty / H107 elfin forest [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'JAPAN: Aichi / Mt. Sange-yama [p] / 13-19.vi. [hw] 1989 / A. Takano, MT [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'PA St. College / 11.ix.81 / D. Shellar / Fungus Gnat / pupae [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPES (2 ♂♂): 'ONT., Ottawa [p] / 23.vii.19[hw]8[p]7[hw] / H. Goulet [p] PT [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPES (2 ♂♂): 'ONT., Ottawa [p] / 9.viii. [hw] 8[p]7[hw] / H. Goulet [p] PT [hw] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPE (♂): 'ONT: Nepean / Pine Glen [p] / 1-4.x. [hw] 1989 / L. Masner [p] // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- PARATYPES (3 ♂♂): 'USA/Riverside Co. CA / UC Riverside Campus / 26 Mar 1993 / coll. R. Cowles [p] // ex. Mycetophilidae in / soil of pots plants in / greenhouses // Paratypus / J.Macek det. [p, red label] // *Synacra / paupera* sp.n. / det. Macek, 1995 [p]'.
- HOLOTYPE (♀): 'JAPAN:Hokkaido / Fukabira,500m / 5.vii,sweep / Sharkey,1989 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Holotypus / J.Macek det [p, red label]' (Fig. 27). (Last antennomere of the left antenna is missing.)
- ALLOTYPE (♂): 'JAPAN:Hokkaido / Sapporo,Jozankei / 350,MT [p],12.-21.9 [hw] / Maeto&Sharkey,89 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Allotypus / J.Macek det. [p, red label]' (Fig. 27).
- PARATYPE (♀): 'JAPAN: Aichi (9000m), / Shitara,Uradani, beech for. / 23.v.-3.vi.1994 / Yamagishi lgt., YPT [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'TAI-WAN: Taichung / Hsien, Anmashan / 2225 m, 11.-15.v. / A. Smetana lgt., 1992 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'JAPAN: Honshu / Twate, Iwaizumi / Hitsutori, 800m / 11.-17.viii / Smetana lgt, 91 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'JAPAN: Kyushu / Fukuoka, Mt. Hiko / 700m [p], 29.5.-2.6. [hw] / Sharkey, 1989, sw // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'JAPAN: Honshu / Tochigi, Kuriyama / Meotubuchi – Kaniyu / 1420m, 20.-23.viii / Smetana lgt, 1991 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'JAPAN: Kyushu / Fukuoka, Mt. Hiko / 700m [p], 1.-15.11. [hw] / Sharkey, 1989, sw // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'JAPAN: Kyushu / Fukuoka, Mt. Hiko / 700m [p], 4.-11.8. [hw] / Sharkey, 1989, sw // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'JAPAN: Kyushu / Fukuoka, Mt. Hiko / 700m [p], vi.-vii. [hw] / Sharkey, 1989, sw // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (3 ♂♂): 'THAILAND: Chiang Mai / Doi Inthanon N. P. / 27.4.-3.5.1990, MT / oak forest. 1700 m / B.W.Brown lgt. [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'THAILAND: Chiang Mai / Doi Inthanon N. P. / 29.4.-7.5.1990, MT / prim. forest, 1700 m / E.Puller lgt. [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (2 ♂♂): 'TAI-WAN: Nan Tou / Mei Fang, 2100m PT / 19.ix.-16.xii. / Ling C.S. lgt., 1990 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'TAI-WAN: Nantou Hsien / Shan-Lihnsi, 16.v. / primary forest, sweep / Le Saeger lgt., 1990 // // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (3 ♂♂): 'TAI-WAN: Nantou hsien / E. of Shankan, 28.9.1990 / 2000-2200 m, deciduous / cloud forest, J. Heraty lgt. // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'TAI-WAN: Anmashan / Taichung Hsien, 2225 m / 2.v., primary forest / Smetana, 1990, sweep // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'JAPAN: Hokkaido / Sapporo, Jozankei // 350m, MT [p], 29.8.-12.9. [hw] / Maeto&Sharkey, 89 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (3 ♂♂): 'JAPAN: Hokkaido / Sapporo, Jozankei // 350m, MT [p], 10.-21.8. [hw] / Maeto&Sharkey, 89 [p] // *Synbelyta / acanthoestra* sp.n. / Macek lgt. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'JAPAN: Hokkaido / Sapporo, Jozankei // 350m, MT [p], viii. [hw] / Maeto&Sharkey, 89 [p] // *Synbelyta / acanthoestra*

Current status. Valid species (NOTTON 1997 and CHEMYREVA & KOLYADA 2019b).

Distribution. Known from Canada, Denmark, Germany, Japan, the Netherlands, Malaysia, Russia, South Korea, Sweden, the United Kingdom and the USA (MACEK 1995c, NOTTON 1997 and CHEMYREVA & KOLYADA 2019b).

The holotype, allotype and eleven paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): 'JAPAN:Hokkaido / Sapporo,Jozankei / 350m,MT [p],10.-21.8. [hw] / Maeto&Sharkey,89 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Holotypus / J.Macek det [p, red label]' (Fig. 32).

ALLOTYPE (♂): 'JAPAN:Hokkaido / Sapporo,Jozankei / 350m,MT [p],29.8.-12.9. [hw] / Maeto&Sharkey, 89 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Allotypus / J.Macek det [p, red label]' (Fig. 32).

PARATYPE (♀): 'JAPAN: Hokkaido / Sapporo, Jozankei / 350m,MT [p], 10.-31.7. [hw] / Maeto&Sharkey, 89 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'JAPAN: Hokkaido / Sapporo, Jozankei / 350m,MT [p], viii. [hw] / Maeto&Sharkey, 89 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♀): 'JAPAN: Honshu / Twate, Iwnizumi / Hiteutori, 770m / 11.-17.viii / Smetana lgt.,91 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

PARATYPES (2 ♀♀): 'TAI-WAN: Taichung / Hsien, Anmanshan / 2230 m, 11.-15.v. / A. Smetana lgt., 1992 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

PARATYPES (2 ♀♀): 'TAIWAN: Shan-Lin-Chi / (Nantou Hsien) 1600m / 16.v.1990. FIT & pans / primary for. L. LeSage [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

PARATYPES (2 ♂♂): 'JAPAN: Hokkaido / Sapporo, Jozankei / 350m,MT [p], 29.8.-12.9. [hw] / Maeto&Sharkey, 89 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'TAIWAN: Nantou-Hsien / Wushe, 1100m, 27.v. / J. Heraty., 1990 [p] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'Bohemia [p] cen. / Lipovka, ves. [hw] / J. Macek lgt. [p], 93 / 8.-16.6. [hw, reverse side of the same label] // Synbelyta / oxylaboidea sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'. (Right antenna broken and mounted on the same card.)

Current status. Valid species (MACEK 1996b).

Distribution. Palaearctic, known from the Czech Republic, Japan and Taiwan (MACEK 1996b).

Synbelyta robusta Macek, 1996

(Fig. 33)

Synbelyta robusta Macek, 1996: 73, fig. 3 (original description).

The holotype, allotype and one paratype are deposited in NMPC (type collection):

HOLOTYPE (♀): 'BORNEO SABAH Mt. / Kinabalu Nat.Pk. / Poring Hot / Springs 500m / 12.V.87 A. Smetana [p] // Synbelyta / robusta sp.n. / Macek det. 1996 [p] / Holotypus / J.Macek det. [p, red label]' (Fig. 33). (The last segment of the left antenna is missing.)

ALLOTYPE (♂): 'SABAH: Danum Valley / CA 25.X-11.XII. 1986 / P.J.Eggleton MT / rainfor. edge [p] // Synbelyta / robusta sp.n. / Macek det. 1996 [p] / Allotypus / J.Macek det. [p, red label]' (Fig. 33).

PARATYPE (♀): SABAH: Danum Valley / CA 25.x-11.xii.1986 / P.J. Eggleton MT / rainfor. edge [p] // Synbelyta / robusta sp.n. / Macek det. 1996 [p] / Paratypus / J.Macek det. [p, red label]'.

Current status. Valid species (MACEK 1996b).

Distribution. Oriental, known from Malaysia (Borneo-Sabah) (MACEK 1996b).

Synbelyta subarmata Macek, 1996

(Fig. 34)

Synbelyta subarmata Macek, 1996: 70–71, figs 7, 10 (original description).

The holotype, allotype and two paratypes are deposited in

NMPC (type collection):

HOLOTYPE (♀): 'CND:Ont., Shaw Forest / nr.Egansville, 16.-23.vii. / Sharkey lgt., 1992, PT [p] // Synbelyta / subarmata sp.n. / Macek det. 1996 [p] // Holotypus / J.Macek det. [p, red label]' (Fig. 34).

ALLOTYPE (♂): 'Old Chelsea,QUE. [p] / 13-vi-[hw]19[p]61[hw] / J. R. Vockeroth [p] / Synbelyta / subarmata sp.n. / Macek det. 1996 [p] // Allotypus / J.Macek det [p, red label]' (Fig. 34). (The last segment of the right antenna is missing.)

PARATYPE (♂): 'USA: NH: Carr. Co., / 2 mi NW Wonalan- / cet, Vii-12/1984 / DSChandler / window trap [p] // Synbelyta / subarmata sp.n. / Macek det. 1996 [p] // Paratypus / J.Macek det. [p, red label]'. (Both antennae broken.)

PARATYPE (♂): 'USA: NC: Northampton Co. / 7kmS Jackson [p], 19.4. [hw, pencil] 1987 / bald cypress swamp, MT / BRC HYM TEAM // Synbelyta / subarmata sp.n. / Macek det. 1996 [p] // Paratypus / J.Macek det. [p, red label]'.

Current status. Valid species (MACEK 1996b).

Distribution. Nearctic, known from Canada and the USA (MACEK 1996b).

Synbelyta taiwanensis Macek, 1996

(Fig. 35)

Synbelyta taiwanensis Macek, 1996: 68–69, fig. 12 (original description).

The holotype is deposited in NMPC (type collection):

HOLOTYPE (♀): 'TAI-WAN: Taichung Hsien / Anmashan, 2230m, 30.iv- / 4.v. 1990,Smetana lgt. [p] // Synbelyta / taiwanense / Macek det.1996 [p] / Holotypus / J.Macek det [p, red label]' (Fig. 35).

Current status. Valid species (MACEK 1996b).

Distribution. Oriental, known from Taiwan (MACEK 1996b).

Genus *Zygota* Förster, 1856

Zygota angularis Macek, 1997

(Fig. 36)

Zygota angularis Macek, 1997: 54–56, figs 2, 5, 7, 16, 54, 64 (original description).

The holotype and 44 paratypes are deposited in NMPC (type collection):

HOLOTYPE (♂): 'Bohemia c. [p],27.6. [hw] / Praha -[p] Klánovice [hw] / J.Macek lgt.,19[p]85[hw] // Zygota / angularis sp.n. / Macek lgt., 1997 [p] // Holotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 36).

PARATYPE (♂): 'Bohemia c. [p], 27.6. [hw] / Praha - [p] Klánovice [hw] / J.Macek lgt., 19[p]85[hw] // Zygota / angularis sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'Boh.c. Příbram env. [p, crossed out by pen with black ink] / Č.Voděřady, 22.8. [hw, blue ink] / J. Macek lgt., 198[p]5[hw] // Zygota / angularis sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'Bohemia mer. / Purkarec [p] 2.VI. [hw, blue ink] / J. Macek lgt., 19[p]81[hw, blue ink] // Zygota / angularis sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'. (Both antennae detached.)

PARATYPE (♂): 'Bohemia mer. / Purkarec [p] 2.VI. [hw, blue ink] / J. Macek lgt., 19[p]81[hw, blue ink] // Zygota / angularis sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'. (Both antennae detached in half.)

PARATYPE (♂): 'Moravia [p] mer., 23.6. / Boleradice [hw, blue ink] / J.Macek lgt. [p], 1984 [hw, blue ink] / Δ Přední Kout [hw, reverse side of the same label] // Zygota / angularis sp.n. / Macek lgt. 1997 [p] // Paratypus / J Macek det. [p, red label]'.

PARATYPE (♂): 'Bohemia c. [p], 31.V. [hw, blue ink] / Praha - [p] Nebušice [hw, blue ink] / J. Macek lgt., 19[p]82[hw, blue ink] // Zygota / angularis sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.

- PARATYPE (♂): 'Bohemia centr. / Čelákovice env. / Lipovka res. / Macek leg. 1992 / 18.-25.5. [hw, reverse side of the same label] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Moravia mer. [p], 18.6. [hw] / Lanžhot [p, crossed out by pen with black ink] Rokytina v. [hw] / J.Macek lgt., 198[p]4[hw] / Tavíkovice [hw, reverse side of the same label] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia centr. / Čelákovice env. / Lipovka res. / Macek leg. 1992 [p] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] / 18.-25.5. [hw, reverse side of the same label] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia centralis / Čelákovice env. / Lipovka res. [p] / 11.22.5 [hw] / Macek lgt. 1994 [p] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia [p] centr. / Přelouč env. 5.6. [hw, pencil] / J. Macek lgt. [p], 1990 [hw, pencil] / Kolesá [hw, reverse side of the same label] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia [p] centr. / Přelouč env. 5.6. [hw, pencil] / J.Macek lgt. [p], 1990 [hw, pencil] / Bělušice [hw, pencil, reverse side of the same label] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia cent. / Pha-Kunratice [p] (MT) / 29.6.-6.7., NH [hw] / J.Macek lgt. 199[p]2[hw] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♂): 'Bohemia cent. / Pha-kunratice [p] / 26.6.-6.7. [hw] / J.Macek lgt. 199[p]2[hw] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (10 ♂♂): 'Bohemia cent. / Pha-Kunratice [p] / 28.5.-4.6. [hw, pencil] / J.Macek lgt 199[p]2[hw] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (2 ♀♀): 'Bohemia [p] centr. / Přelouč env. 5.6. [hw, pencil] / J.Macek lgt. [p], 1990 [hw, pencil] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Moravia mer. / Podyjí, rez. [p], 13.7. / Hrad. Terasy [hw] / J.Macek lgt. 199[p]2[hw] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'. (Left fore- and hindwing mounted on the same card.)
- PARATYPES (10 ♀♀): 'Moravia mer. / Podyjí, rez. [p] / Mašovice, 11.6. [hw] / J.Macek lgt. 199[p]2[hw] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPES (5 ♀♀): 'Bohemia c. [p], 27.6. [hw] / Praha - [p] Klánovice [hw] / J.Macek lgt., 19[p]85[hw] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Slovakia [p] mer. 14.5. / Cerová vrch. [hw, blue ink] / J.Macek lgt. [p], 1985 [hw, blue ink] / Šomoška [hw, blue ink, reverse side of the same label] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.
- PARATYPE (♀): 'Bohemia / Řevnice / L.Masner [p] / IX.52 [hw, blue ink, vertically written] // *Zygota / angularis* sp.n. / Macek lgt. 1997 [p] // Paratypus / J.Macek det. [p, red label]'.

Current status. Valid species (HÜBNER et al. 2024).

Distribution. Western Palaearctic, known from the Czech Republic, Germany, Slovakia and Slovenia (MACEK 1997c, HÜBNER et al. 2024).

Zygota balteata Macek, 1997

(Fig. 37)

Zygota balteata Macek, 1997: 40–41, figs 1, 9, 18, 21, 34, 49, 57, 66 (original description).

The holotype, allotype and five paratypes are deposited in NMPC:

- HOLOTYPE (♂): 'Slovakia occ. / Čachtice, 11.8. / J.Macek lgt., 1991 [p] // *Zygota / balteata* sp.n. / det. Macek, 1997 [p] // Holotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 37).
- ALLOTYPE (♀): 'Boh. c. Beroun env. [p] / Karlštejn, 2.6. [hw] / J.Macek lgt., 198 [p] 8 [hw] // *Zygota / balteata* sp.n. / det. Macek, 1997 [p]

// Allotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 37).

- PARATYPE (♂): 'Moravia mer. / Podyjí, rez. [p] / Hradiště, 26.5. [hw, pencil] / J.Macek lgt. 199 [p] 2 [hw, pencil] // *Zygota / balteata* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.
- PARATYPE (♂): 'Moravia mer. [p] 12.8. [hw] / Podyjí, rez. [p] / Baštův mlýn [hw] / J.Macek lgt. 199[p]1[hw] // *Zygota / balteata* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.
- PARATYPE (♀): 'Salzburg Parsch / 31. 7. 1961 / P. P. Babiv leg [p, "Babiv" indistinct characters] / zu Skinoszög [hw, indistinct characters] // *Zygota / balteata* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.
- PARATYPES (2 ♀♀): 'Boh. C. Beroun env. [p] / Karlštejn, 2.6. [hw] / J. Macek lgt., 198[p]8[hw] // *Zygota / balteata* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

Current status. Valid species (MACEK 1997c and HÜBNER et al. 2024).

Distribution. Western Palaearctic, known from the Czech Republic, Germany and Slovakia (MACEK 1997c and HÜBNER et al. 2024).

Zygota comitans Macek, 1997

(Fig. 38)

Zygota comitans Macek, 1997: 47–48, figs 6, 40, 52, 55, 61 (original description).

The holotype, allotype and two paratypes are deposited in NMPC:

- HOLOTYPE (♂): 'FINLAND: Kevo, vi / subarctic region / H.Goulet, lgt., 1989 [p] // *Zygota / comitans* sp.n. / Macek lgt., 1997 [p] // Holotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 38). (Last antennomere of the right antenna is missing.)
- ALLOTYPE (♀): 'Slovakia [p] cen., 3.8. / Poľana [hw] / J. Macek lgt. [p], 1986 [hw] / Havranie / skaly [hw, reverse side of the same label] // *Zygota / comitans* sp.n. / Macek lgt., 1997 [p] // Allotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 38).
- PARATYPE (♂): 'Polonia merid. / Ojcow, res., 8.6. / Macek, leg. 1989 [p] // *Zygota / comitans* sp.n. / Macek lgt., 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Both antennae almost completely missing.)
- PARATYPE (♂): 'Slovakia [p] centr. / Nízke Tatry [hw] / J. Macek lgt. [p], 85 [hw] / Suchá dol. / 31.7. [hw, reverse side of the same label] // *Zygota / comitans* sp.n. / Macek lgt., 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by next two characters]97[hw, red label]' (Right antenna almost completely missing.)

Current status. Valid species (HÜBNER et al. 2024).

Distribution. Western Palaearctic, known from Finland, Germany, Poland, Slovakia, Slovenia and Sweden (MACEK 1997c and HÜBNER et al. 2024).

Zygota sordida Macek, 1997

(Fig. 39)

Zygota sordida Macek, 1997: 41–43, figs 20, 27, 53, 63 (original description).

The holotype, allotype and 48 paratypes are deposited in NMPC (type collection):

- HOLOTYPE (♂): 'Slovakia cen / Nízke Tatry [p] / Vápenica, 1.8. [hw] / Macek lgt 19[p]84[hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Holotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 39). (Antennomeres 6–14 of the

- right antenna are missing.)
- ALLOTYPE (♀): ‘Slovakia [p] centr. / Nízké Tatry [hw, blue ink] / J. Macek lgt. [p], 85 [hw, blue ink] / Magurka / 30.7. [hw, reverse side of the same label] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Holotypus / J.Macek det. 19 [p, “19” is overwritten by the next two characters] 97 [hw, red label]’ (Fig. 39).
- PARATYPES (3 ♀♀): ‘Slovakia cen. / Nízké Tatry [p] / Ohniště, 4.8. [hw] / Macek lgt 19[p]84[hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Bel. Tatr. / Široká, 18.8. [hw, blue ink] / J. Macek lgt 198[p]2[hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Bel. Tatr. [p] / Širo [hw, blue ink] ká dolina [hw] / J [p] Macek [hw] lgt 198[p]2[p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Bel. Tatr. / Široká, 18.8. [hw, blue ink] / J. Macek lgt 198[p]2[hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Vys. Tatr. / Tatr. Matliare [hw] / J. Macek lgt 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek [p], 97 [hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Vys. Tatr. / Tatr. Matliare [hw] / J. Macek lgt 1982 [p, characters indistinct] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Bel. Tatr. 20.8. / Bielovod. dolina [hw, blue ink] / J. Macek lgt 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Bel. Tatr. 20.8. / Bielovod. dolina [hw] / J. Macek lgt 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19 [p], [“19” is overwritten by the next two characters] 97 [hw, red label]’.
- PARATYPES (2 ♀♀): ‘Slovakia bor. [p] / Bel. Tatr. / Široká, 18.8. [hw, blue ink] / J. Macek lgt 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Roháče, 9.8. / Bobrovecká [hw, blue ink] / J. Macek lgt. 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia [p] cen., 2.8. / Poľana [hw, blue label] / J. Macek lgt. [p], 1986 [hw, blue label] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPES (2 ♀♀): ‘CZ: Orlické hory, res. / Trčkov, 26.viii-15.ix / V. Hájek lgt., 1994 // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘CZ: Orlické hory, MT / Trčkov res., 16.-30.vi. / Hájek et Vašek, 1994 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘CZ Orlické hory, MT / Trčkov, res., 25.5.-9.6.1994 / Hájek et Ježek lgt. // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia [p] cen., 2.8. / Kremn. vrchy [hw, blue ink] / J. Macek lgt. [p], 1985 [hw, blue ink] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘CSSR, M. Tátra / Tátralomnic / Stezky // 1975.IX.9 / leg. Szelényi // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPES (4 ♀♀): ‘Austria, Tirol, 400 m / NO Vent, Lärchen-Zirben- / Wald, Unterholz, 1900 m / Sonnenschein, 20.8.1968 / leg. Fischer [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♀): ‘Slovakia bor. [p] / Vys. Tatr. / Tatr. Matliare [hw] / J. Macek lgt 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPES (5 ♂♂): ‘Slovakia cen / Nízké Tatry [p] / Vápenice, 1.8. [hw] / Macek lgt 19[p]84[hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Slovakia cen / Nízké Tatry [p] / Pohorelá, 31.7. [hw, blue ink] / Macek lgt 19[p]84[hw, blue ink] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Slovakia cen / Nízké Tatry [p] / Hel’pa, 31.8. [hw, blue ink] / Macek lgt 19[p]84[hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPES (2 ♂♂): ‘Slovakia cen / Nízké Tatry [p], 5.8. / Krakova hola [hw] / Macek lgt 19[p]84 [hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Slovakia cen / Nízké Tatry [p], 30.7. / Ždiarska d. [hw] / Macek lgt 19[p]84 [hw] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Slovakia bor. [p] / Roháče, 9.8. / Bobrovecká [hw, blue ink] / J. Macek lgt 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Slovakia bor. [p], 11.8. / Roháče, mts / Javornická dol. [hw, blue ink] / J. Macek lgt 1982 [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Slovakia [p] centr / Δ Poľana, 1.8. [hw, pencil] / J. Macek lgt. [p], 1986 [hw, pencil] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPES (7 ♂♂): ‘Austria, Tirol, 400 m / NO Vent, Lärchen-Zirben- / Wald, Unterholz, 1900 m / Sonnenschein, 20.8.1968 / leg. Fischer [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Austria, Tirol, 400 m / NO Vent, Lärchen-Zirben- / Wald, Unterholz, 1900 m / Sonnenschein, 20.8.1968 / leg. Fischer [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det [p, red label]’.
- PARATYPE (♂): ‘Austria Tirol .30- / Venter Tal, Hoher / Nachtberg, Südhang [p] // 1550 m, überwiegend sonnig. 30. / 5.7.69 leg. Fischer [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.
- PARATYPE (♂): ‘Austria, Stmk. (51) / Eggerkogel, N-kang / 5 km SSO Admont [p] // 1100 m, starker Wind / überwiegend sonnig / 19.7.1970, Fischer(51) [p] // *Zygota / sordida* sp.n. / Macek lgt. 1997 // Paratypus / J.Macek det. 19[p, “19” is overwritten by the next two characters]97[hw, red label]’.

Current status. Valid species (HÜBNER et al. 2024).

Distribution. Western Palaearctic, known from Austria, the Czech Republic, Germany, Slovenia (MACEK 1997c and HÜBNER et al. 2024).

Zygota villosa Macek, 1997

(Fig. 40)

Zygota villosa Macek, 1997: 38–40, figs 3, 25, 41, 47, 51 (original description).

The holotype, allotype and 21 paratypes are deposited in NMPC:

HOLOTYPE (♂): ‘Polonia orientalis / Bialowieza [sic!], res. [p], 15.9. [hw,

pencil] / Macek lgt., 1987 [p] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Holotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 40). (Last segment of the right antenna is missing.)

ALLOTYPE (♀): 'Polonia orientalis / Bialowieza [sic!], res. [p], 15.9. [hw, pencil] / Macek lgt., 1987 [p] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Allotypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]' (Fig. 40).

PARATYPES (2 ♂♂): 'Polonia orientalis / Bialowieza [sic!], re. [p] 15.9. [hw, pencil] / Macek lgt., 1987 [p] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Polonia centr., 8.6. / Warszawa-Wilanow / Macek leg., 1989 [p] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): '131 [hw] // 20.4.-30.4. [hw] 198[p]7[hw]; 1 / Emmendingen-Meisen- / buck, Südbaden, 350m / 7°54' E, 48°10' N [p] g [hw] / leg. A. Ssymank [p] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'SWEDEN: Öland, MT / Stenasa, Stenasa camp. / grass lawn, Salix Pop. / N. Ryrholm lgt. 1986 [p] / 7.-11.8. [hw, pencil, reverse side of the same label] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Spitzzicken Bglid. / 10.VIII.56 Leg Fischer [hw, blue ink] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Slovakia [p] merid / Gombasek [hw, blue ink] / J. Macek lgt. [p] 1985 [hw, blue ink] / 17.5. [hw, blue ink, reverse side of the same label] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Bohemia [p] centr. / Kersko 17.9. [hw] / J. Macek lgt. [p] 1989 [hw] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Boh. c. Beroun env. [p] / Nižbor, 26.6. [hw, blue ink] / J. Macek., 198[p]2[hw, blue ink] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Boh. c. Beroun env. [p] / Zad. Třebáň, 13.7. [hw, pencil] / J. Macek lgt., 198[p]9[hw, pencil] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Boh. m., Třeboň distr. [p] / Třeboň 31.V. [hw, blue ink] / J. Macek lgt., 198[p]3[hw, blue ink] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Moravia mer. [p] 12.8. / [hw, blue ink] / Podyjí, rez. [p] / Baštův mlýn [hw, blue ink] / J. Macek lgt. 199[p]1[hw] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Moravia mer. [p] 12.8. / [hw] / Podyjí, rez. [p] / Baštův mlýn [hw] / J. Macek lgt. 199[p]1[hw] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♂): 'Slovakia [p] mer. / Kúty, 9.5. [hw, pencil] / J. Macek lgt. [p], 1990 [hw, pencil] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPES (5 ♀♀): 'Polonia orientalis / Bialowieza [sic!], re. [p] 15.9. [hw, pencil] / Macek lgt., 1987 [p] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♀): 'Sweden / Smaland / Jansson leg. [hw, pencil] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p, "19" is overwritten by the next two characters]97[hw, red label]'.

PARATYPE (♀): 'Hrj. Sveg [p] / 31. 7. 68 [hw] / A. Sunholm [p] // *Zygota / villosa* sp.n. / det. Macek, 1997 [p] // Paratypus / J.Macek det. 19[p,

"19" is overwritten by the next two characters]97[hw, red label]'.

Current status. Valid species (HÜBNER et al. 2024).

Distribution. Western Palaearctic, known from Austria, the Czech Republic, Germany, Poland, Slovakia and Sweden (MACEK 1997c and HÜBNER et al. 2024).

Subfamily Diapriinae Haliday, 1833

Genus *Antarctopria* Brues, 1920

Antarctopria coelopae Early, 1978

(Fig. 29)

Antarctopria coelopae Early, 1978: 210–214, figs 1–9 (original description).

Two paratypes are deposited in NMPC (type collection):

PARATYPE (♀): 'Sinkhole / Snares Is., N.Z. / 11 December 1974 / Carol J. Horing [p] // On rocks near / rotting *Durvillea* / high eulittoral [p] // PARATYPE [p] / *Antarctopria coelopae* [hw] / No. [p] Early [hw, yellow label]' (Fig. 29).

PARATYPE (♀): 'Sinkhole / Snares Is., N. Z. / 30 January 1975 / D. S. Horning [p] // On rock wall in / seepage area [p] // PARATYPE [p] / *Antarctopria coelopae* [hw] / No. [p] Early [hw, yellow label]'.

Current status. Valid species as *Spilomicrus coelopae* (Early, 1978) (NOTTON 2014).

Distribution. Australasian, known from the Snares Islands, New Zealand (EARLY 1978).

Genus *Entomacis* Förster, 1856

Entomacis hajeki Macek, 2000

(Fig. 41)

Entomacis hajeki Macek, 2000: 124–125, figs 1, 3 (original description).

The holotype, allotype and five paratypes are deposited in NMPC (type collection):

HOLOTYPE (♀): 'Bohemia cent. / Onen Svět 27 9 / J Macek lgt 93 [p] // Holotypus / J.Macek det.19 [p, red label] // *Entomacis / hajeki* sp.n. / Macek det., 2000 [p]' (Fig. 41). (Locality label difficult to read and partially erased.)

ALLOTYPE (♂): 'CZ: Orlické hory, res. / Trčkov, 18.vii.-5.viii. / J. Hájek lgt., 1994, FIT [p] // Allotypus / J.Macek det. 19 [p, red label] // *Entomacis / hajeki* sp.n. / Macek det., 2000 [p]' (Fig. 41).

PARATYPE (♀): 'CZ Železná hory, N. R. / Zlata louka, res. [p] / 26.8.-10.10 [hw] / J. Macek lgt., 1996 [p] // Paratypus / J. Macek [p, red label] // *Entomacis / hajeki* sp.n. / Macek det., 2000 [p]'.

PARATYPE (♂): 'CZ: Orlické hory, res. / Trčkov, 28.vii.-18.vii. / J. Hájek lgt., 1994, FIT [p] // *Entomacis / hajeki* sp.n. / Macek det., 2000 [p] // Paratypus / J.Macek det. [p, red label]'.

PARATYPE (♂): 'Austria, Tirol -132- / Zwiesselstein, Läröhen- / wald, 1450m, vor Regen / 27.7.72, leg. FISCHER [p] // Paratypus / J.Macek det. [p, red label] // *Entomacis / hajeki* sp.n. / Macek det., 2000 [p]'.

PARATYPE (♂): 'Austria, Stmk. -239- / 0,5km S Huben, an / Ache, 1200m 4.7.73 / leg. Fischer [p] // Paratypus / J.Macek det. [p, red label] // *Entomacis / hajeki* sp.n. / Macek det., 2000 [p]'.

PARATYPE (♂): 'GER: Bavaria, Bayern / Nat.Park. Spiegelau / 17. – 19. vii. 1995, YPT/ M. Barták lgt. [p] // Paratypus / J.Macek det. [p, red label] // *Entomacis / hajeki* sp.n. / Macek det., 2000 [p]'.

Current status. Valid species (CHEMYREVA 2014).

Distribution. Palaearctic, known from Austria, the Czech Republic, and Russia (MACEK 2000 and CHEMYREVA 2014).

Genus *Galesus* Haliday, 1829***Galesus lapponicus incisus* Tomšík, 1946**

(Fig. 42)

Galesus lapponicus incisus Tomšík, 1946: 125, figs in Tab. I.: 5, 6, 13; Tab. II.: 3ab (original description).

The holotype is deposited in NMPC (type collection):

HOLOTYPE (♂): 'Pod Hoverlou 20 / vii [hw] / Gregor [p] / 37 [hw] // 5 [hw, pencil, round label] // TYPUS [p, red label] // *G. lapponicus / incisus* m. [hw, red ink] / Det.B.Tomšík [p]' (Fig. 42).**Current status.** Junior synonym of *Psilus lapponicus* (Thomson, 1859) (JOHNSON 1992).**Distribution.** Palaearctic, known from Austria, the Czech Republic, Finland, Scotland, Sweden, and Ukraine (KIEFFER 1916, TOMŠÍK 1946 and SLU ARTDATABANKEN 2024).**Genus *Idiotypa* Förster, 1856*****Idiotypa mariae* Gregor, 1939**

(Fig. 43)

Idiotypa mariae and *I. marii* Gregor, 1939: 133–135, fig. 2 (original description).

The holotype is deposited in NMPC (type collection):

HOLOTYPE (♀): 'Kelč [p] 6.viii [hw] / Gregor [p] 37 [hw] // *Idiotypa [p] / mariae* Gregor [hw] / Macek, det. [p], 1998 [hw] // TYPUS [p, red label in black frame]' (Fig. 43).**Current status.** Valid species (CHEMYREVA et al. 2021). Duplicate original spellings *I. marii* and *I. mariae* were resolved by CHEMYREVA et al. (2021) by fixation of *I. mariae* Gregor, 1939 as the correct original spelling.**Distribution.** Palaearctic, known from the Czech Republic, Denmark, Finland, France, Germany, Japan, Mongolia, Russia, Sweden, and United Kingdom (GREGOR 1939, CHEMYREVA et al. 2021 and VIKBERG 2022).**Genus *Oxypria* Kieffer, 1908*****Oxypria boučeki* Masner, 1959**

(Fig. 44)

Oxypria boučeki Masner, 1959: 90–91, figs 1, 2 (original description).

The holotype is deposited in NMPC (type collection):

HOLOTYPE (♂): 'Slovakia or. / Slanec 4.viii.54 / Bouček lgt. [hw] // Holotypus [hw, red label] // *Oxypria* ♂ / boučeki sp.n. [hw] / L. Masner det., 19[p]58[hw]' (Fig. 44).**Current status.** Valid as *Trichopria boučeki* (Masner, 1959) (NOTTON 2014).**Distribution.** Palaearctic, known from Slovakia (MASNER 1959).**Genus *Spilomicrus* Westwood, 1832*****Spilomicrus formosus* Jansson, 1942**

(Fig. 45)

Spilomicrus formosus Jansson, 1942: 215–216 (original description).

One paratype is deposited in NMPC (type collection):

PARATYPE (♂): 'Ör. Oset / 31/7 42 A. J. [hw] // Paratypus [p, red label in black frame] // *Spilomicrus / formosus* Janss. ♂ [hw] // *Spilomicrus / formosus* [hw, pencil, red label]' (Fig. 45).**Current status.** Valid species (HÜBNER & CHEMYREVA 2024).**Distribution.** Holarctic, known from Belgium, the Czech Republic, Denmark, Finland, Germany, Great Britain, Ireland, Japan, Norway, Russia, Slovakia, Sweden, Canada, the United States (HÜBNER & CHEMYREVA 2024).**Genus *Viennopria* Jansson, 1953*****Viennopria priesneri* Jansson, 1953**

(Fig. 46)

Viennopria priesneri Jansson, 1953: 105–106, fig. 1 (original description).

One paratype is deposited in NMPC (type collection):

PARATYPE (♀): 'Lu. Uppl. / Ösby / Lindroth [hw] // I.18/8 / -41 [hw, pencil] / Paratypus [p, red label in black frame] / *Viennopria / priesneri* Jansson ♀ [hw, pencil]' (Fig. 46).**Current status.** Valid species (MUESEBECK & WALKLEY 1956, MASNER 1957, JOHNSON 1992, NOTTON 1995).**Distribution.** Palaearctic, known from Austria, the Czech Republic and Sweden (JANSSON 1953, MASNER 1957).**Family Maamingidae Early, Masner, Naumann & Austin, 2001****Genus *Maaminga* Early, Masner, Naumann & Austin, 2001*****Maaminga rangi* Early, Masner, Naumann & Austin, 2001**

(Fig. 47)

Maaminga rangi Early, Masner, Naumann & Austin, 2001: 345–346, figs 1–4, 14, 20 (original description).

Two paratypes are deposited in NMPC (type collection):

PARATYPE (♀): 'NZ (ND): Waipoura For. / 6-10.II.1995. 100m / Yellow PT in broad / leaf for. L. LeSage [p] // PARATYPE, CNCI / *Maaminga rangi* ♀ / Early et al., 2001 [p, yellow label]' (Fig. 47).PARATYPE (♂): 'NZ (ND): Waipoura For. / 6-10.II.1995. 100m / Yellow PT in broad / leaf for. L. LeSage [p] // PARATYPE, CNCI / *Maaminga rangi* ♂ / Early et al., 2001 [p, yellow label]'.**Current status.** Valid species (EARLY et al. 2001).**Distribution.** Australasian, known from New Zealand (EARLY et al. 2001).**Missing types**

The type specimens listed below should be deposited in the NMPC collection but are currently missing, likely due to unreturned loans. Unfortunately, records of these loans are also missing.

Subfamily Belytinae Förster, 1856**Genus *Aclista* Förster, 1856*****Aclista pseudobitensis* Macek, 2007***Aclista pseudobitensis* Macek, 2007: 219–220, figs 5, 13, 21, 29, 33 (original description).

The allotype is missing from NMPC (type collection):

ALLOTYPE (♂): 'CZ: C Bohemia, Praha-Radotín (6052), 3.vii.1985, J. Macek lgt. et det.'

Genus *Aprestes* Nixon, 1957

Aprestes japonica Macek, 1997

Aprestes japonica Macek, 1997: 42–43, figs 4, 7, 8 (original description).

The holotype is missing from NMPC (type collection):

HOLOTYPE (♀): ‘Honshu, Iwate, Iwaizumi Ritautori, 800m, 11.-17.viii.1991, Smetana lgt., female’.

Aprestes modesta Macek, 1997

Aprestes modesta Macek, 1997: 43, fig. 5 (original description).

The holotype and allotype are missing from NMPC (type collection):

HOLOTYPE (♀): ‘USA: Maine, York Co., West Lebanon, 7.-14.v.1990, FIT, D. Wharry’.

ALLOTYPE (♂): ‘USA: Maine, York Co., West Lebanon, 7.-14.v.1990, FIT, D. Wharry’.

Aprestes rugifrons Macek, 1997

Aprestes rugifrons Macek, 1997: 41–42, figs 2, 6 (original description).

The holotype and allotype are missing from NMPC (type collection):

HOLOTYPE (♀): ‘JAPAN: Aichi, 900m, Shitara, Uradani, 20.-26.vi.1994, YPT, Yamagishi lgt.’.

ALLOTYPE (♂): ‘JAPAN: Aichi, 900m, Shitara, Uradani, 17.-23.x.1994, YPT, Yamagishi lgt.’.

Acknowledgements

The work was supported by the Ministry of Culture of the Czech Republic (IP DRKVO 2024–2028/5.I.a, 00023272). We also extend our gratitude to Elijah Talamas (Florida State Collection of Arthropods) and Jessica Awad (Florida Museum of Natural History) for their thorough reviews, as well as to Petr Kment (NMPC) for the final proofreading.

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Appendix: Figures 1–47



Fig. 1. Habitus of *Ambositra famosa* Masner, 1958, paratype (female), with labels.



Fig. 2. Habitus of *Betyla eupepla* Naumann, 1988, paratype (female), with labels.

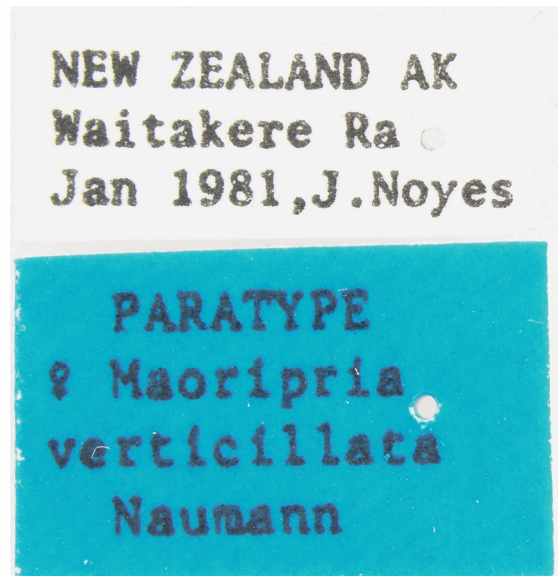


Fig. 3. Habitus of *Maoripria verticillata* Naumann, 1988, paratype (female), with labels.

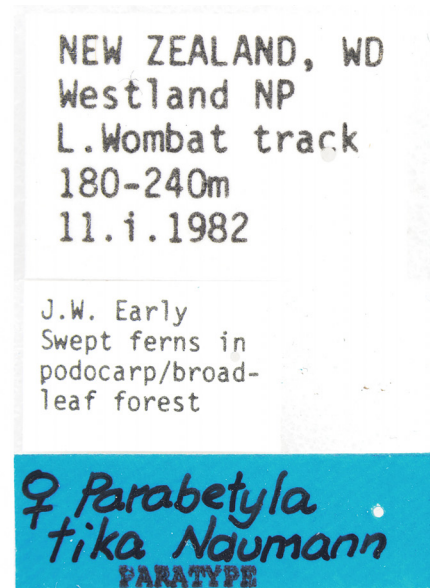


Fig. 4. Habitus of *Parabetyla tika* Naumann, 1988, paratype (female), with labels.

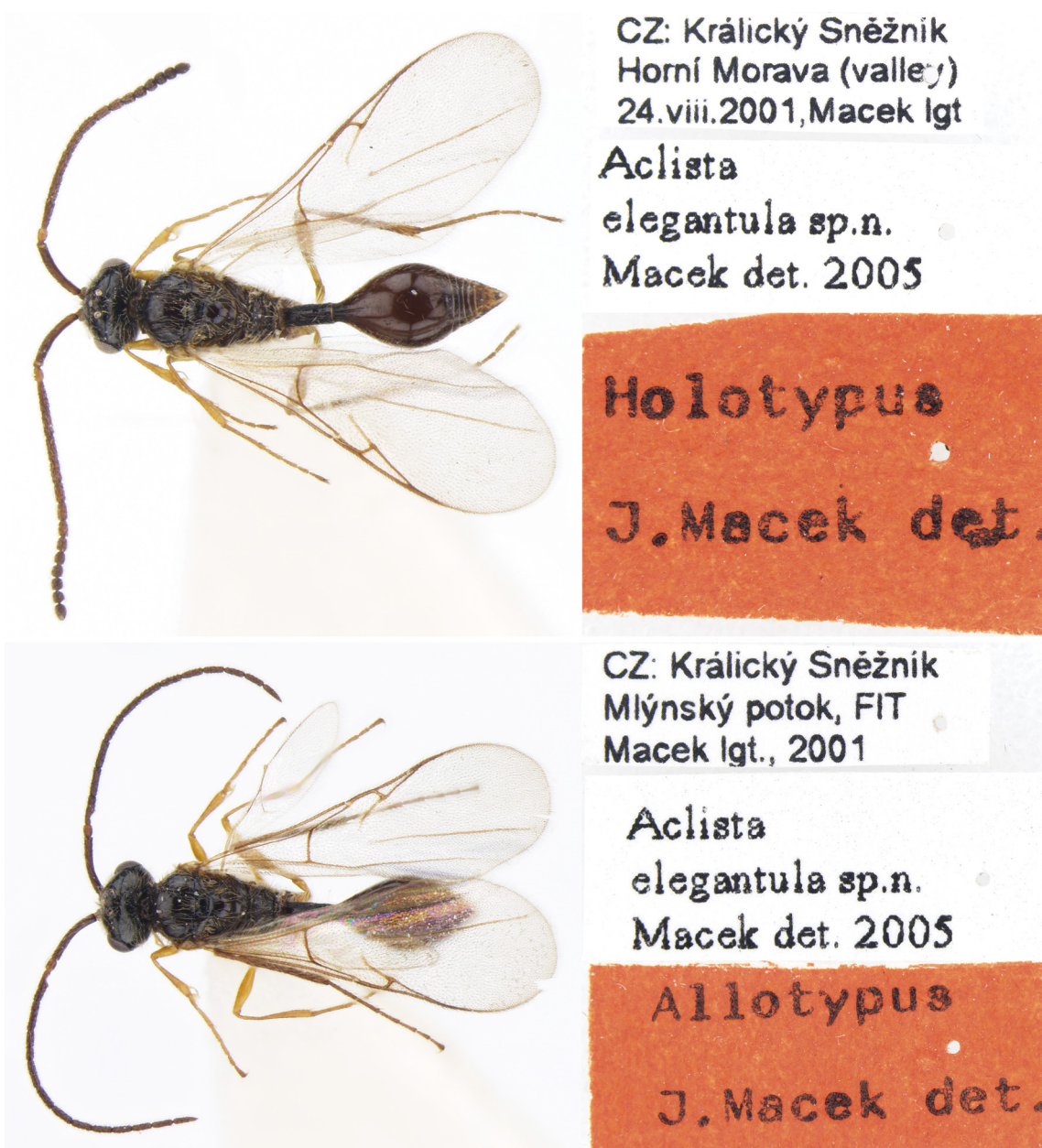


Fig. 5. Habitus of *Aclista elegantula* Macek, 2005, holotype (female) and allotype (male), with labels.



Fig. 6. Habitus of *Aclista pseudobitensis* Macek, 2007, holotype (female), with labels.

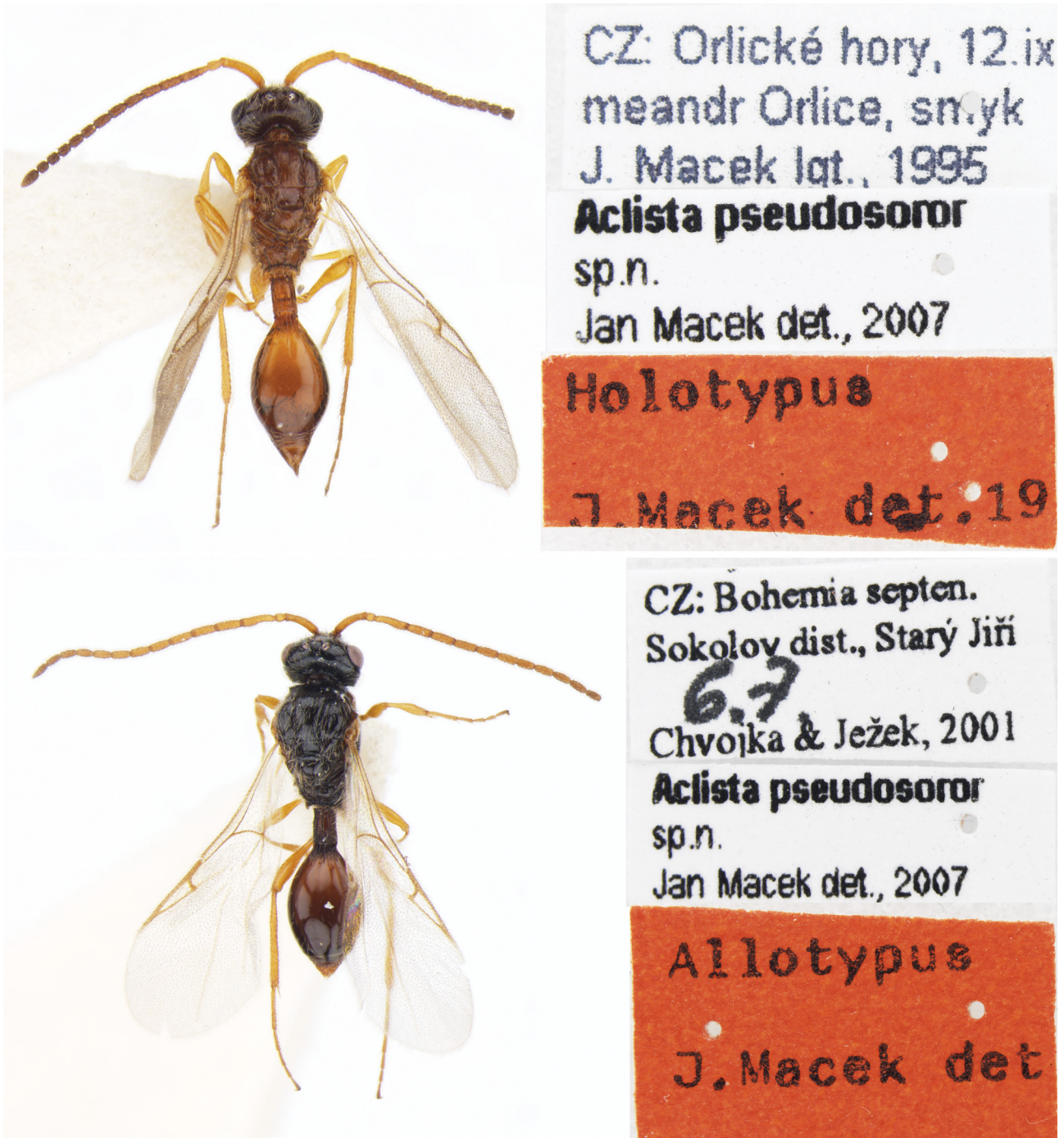


Fig. 7. Habitus of *Aclista pseudosoror* Macek, 2007, holotype (female) and allotype (male), with labels.

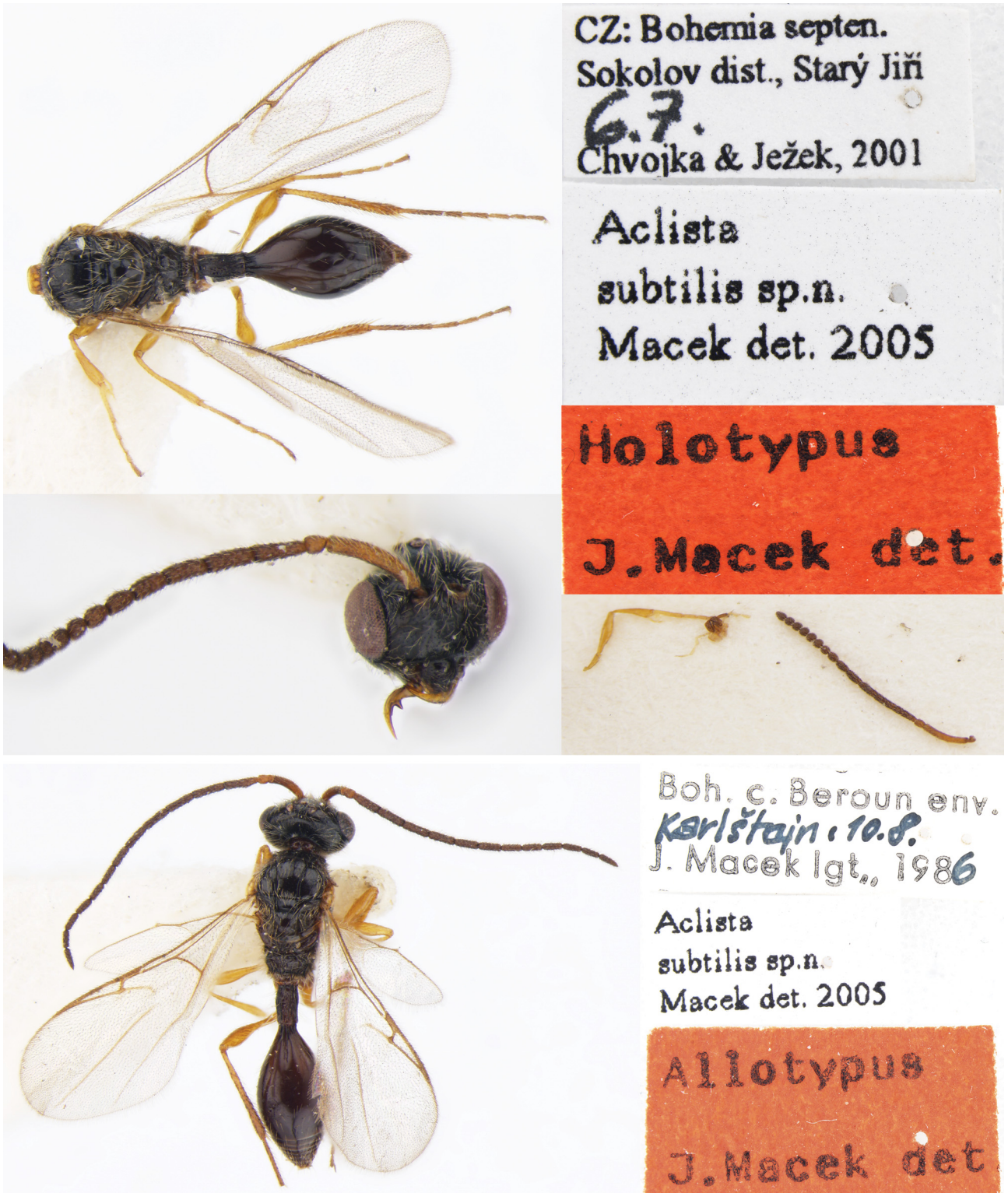


Fig. 8. Habitus of *Aclista subtilis* Macek, 2005, holotype (female) and allotype (male), with labels.



Fig. 9. Habitus of *Aclista vernalis* Macek, 2005, holotype (female) and allotype (male), with labels.

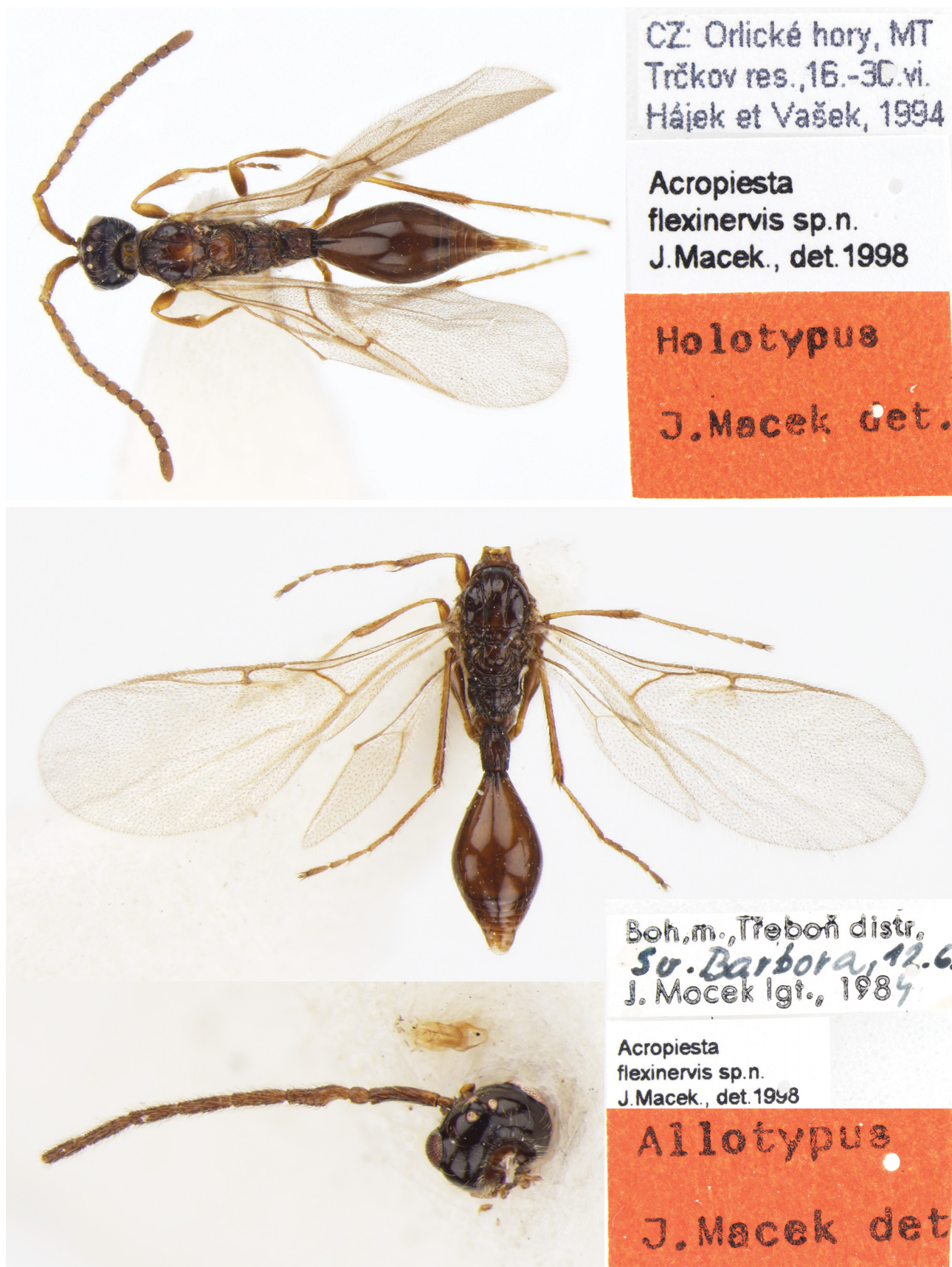


Fig. 10. Habitus of *Acropiesta flexinervis* Macek, 1998, holotype (female) and allotype (male), with labels.



Fig. 11. Habitus of *Acropiesta micans* Macek, 1998, holotype (female) and allotype (male), with labels.



Fig. 12. Habitus of *Acropiesta pseudosciarivora* Macek, 1998, holotype (female) and allotype (male), with labels.

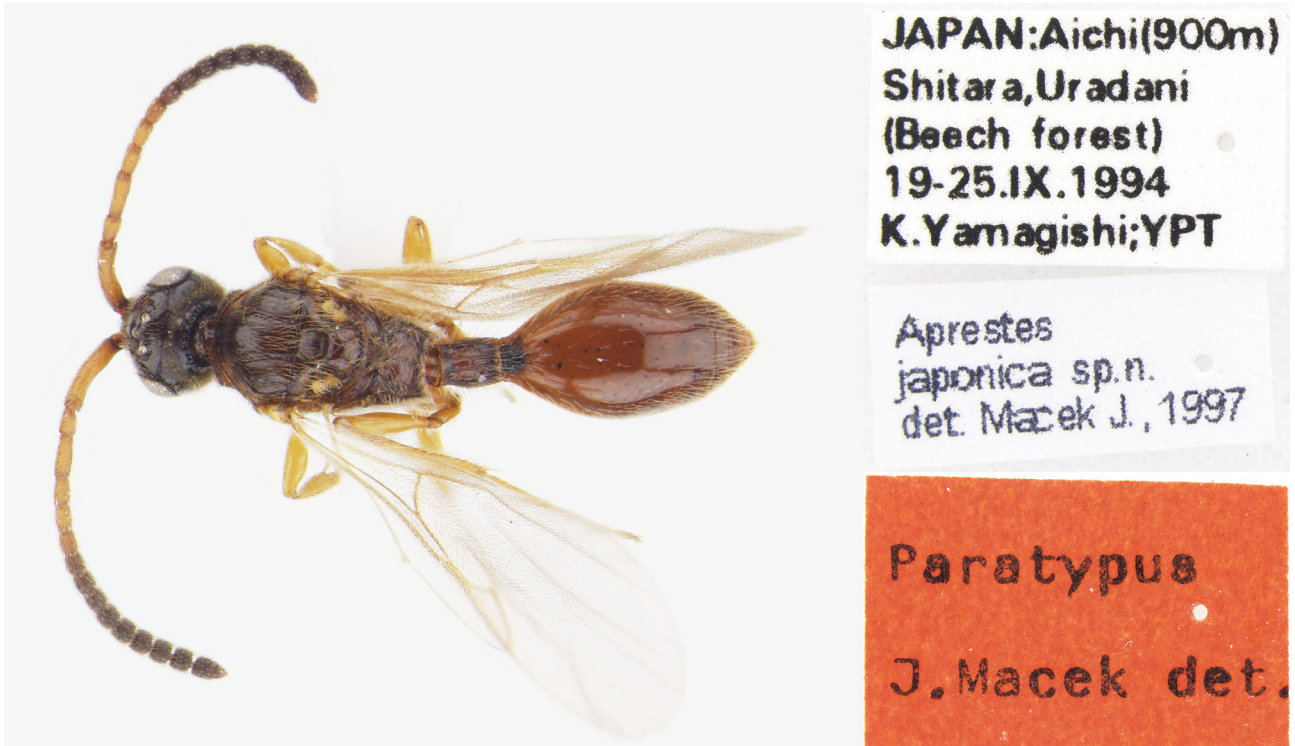


Fig. 13. Habitus of *Aprestes japonica* Macek, 1997, paratype (female), with labels.



Fig. 14. Habitus of *Aprestes modesta* Macek, 1997, paratype (female), with labels.



JAPAN: Aichi, 900m
Shitara, Uradani
20-26. VI. 1994
K. Yamagishi YPT
beech forest

Aprestes
rugifrons sp. n.
det. Macek J., 1997

Paratypus

J. Macek

Fig. 15. Habitus of *Aprestes rugifrons* Macek, 1997, paratype (female), with labels.



Dania E-Jylland
Højen Bæk S. of
Vejle T. Munk
17.7.1983

Holotypus

J. Macek det.

Belyta
nixoni sp. n.
J. Macek, det. 1996

Fig. 16. Habitus of *Belyta nixoni* Macek, 1996, holotype (female), with labels.



I, TN, Riva
D 500m
13.6.1976
Haeselb.

Holotypus

J. Macek det.

Belyta
norica sp.n.
J. Macek det.. 1996

Fig. 17. Habitus of *Belyta norica* Macek, 1996, holotype (female), with labels.



Koravia mer.
Podyjí, rez.
Mašovice, 11.6.
J. Macek lgt. 1992

Lyteba
pectinifer sp.n.
det. Macek, 1995

Holotypus

J. Macek det.

Fig. 18. Habitus of *Lyteba pectinifer* Macek, 1995, holotype (female), with labels.



Fig. 19. Habitus of *Macrohynnis ferrugineus* Macek, 1997, holotype (female) and allotype (male), with labels.



Fig. 20. Habitus of *Opazon frigidum* Macek, 1995, paratype (female), with labels.



Fig. 21. Habitus of *Psilommactra oligomera* Macek, 1990, holotype (female), with labels.



Fig. 22. Habitus of *Pantolyta hadrosoma* Macek, 1993, holotype (female) and allotype (male), with labels.



Fig. 23. Habitus of *Pantolyta nixonii* Macek, 1993, holotype (female) and allotype (male), with labels.



Fig. 24. Habitus of *Scorpioteleia nixoni* Macek, 2006, holotype (female) and allotype (male), with labels.



Fig. 25. Habitus of *Synacra atracta* Macek, 1995, holotype (female) and allotype (male), with labels.



Fig. 26. Habitus of *Synacra paupera* Macek, 1995, holotype (female) and allotype (male), with labels.



JAPAN: Hokkaido
Fukubira, 500m
5.vii, sweep
Sharkey, 1989

Synbelyta
acanthorostra sp. n.
Macek lgt. 1996

Holotypus

J. Macek det.



JAPAN: Hokkaido
Sapporo, Jozankei
350m, 17. - 21.9
Nao to Sharkey, 89

Synbelyta
acanthorostra sp. n.
Macek lgt. 1996

Allotypus

J. Macek det.

Fig. 27. Habitus of *Synbelyta acanthorostra* Macek, 1996, holotype (female) and allotype (male), with labels.



Fig. 28. Habitus of *Synbelyta euryglypha* Macek, 1996, holotype (female), with labels.



Fig. 29. Habitus of *Antarctopria coelopae* Early, 1978, paratype (female), with labels.

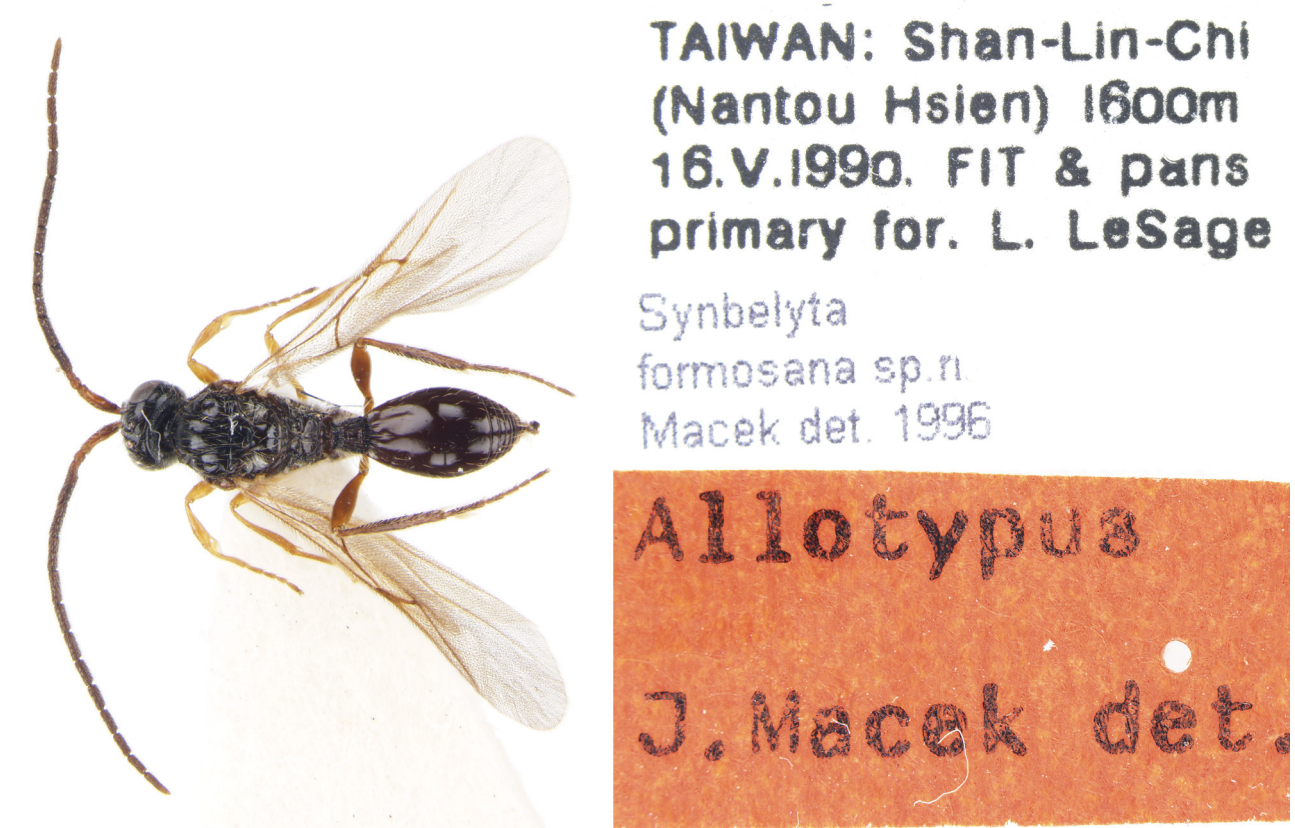


Fig. 30. Habitus of *Synbelyta formosana* Macek, 1996, holotype (female) and allotype (male), with labels.



JAPAN: Hokkaido
Sapporo Jozankei
29.VIII-12.X.1989
350m K. Maeto &
M. Sharkey MT

Synbelyta
intricata sp.n.
Macek det. 1996

Holotypus

J. Macek det.

Fig. 31. Habitus of *Synbelyta intricata* Macek, 1996, holotype (female), with labels.



JAPAN: Hokkaido
Sapporo, Jozankei
350m, MT, 10.-24.8
Maeto & Sharkey, 89

Synbelyta
oxylaboidea sp.n.
Macek det. 1996

Holotypus

J. Macek det.



JAPAN: Hokkaido
Sapporo, Jozankei
350m, MT, 29.8.-12.9.
Maeto & Sharkey, 89

Synbelyta
oxylaboidea sp.n.
Macek det. 1996

Allotypus

J. Macek det.

Fig. 32. Habitus of *Synbelyta oxylaboidea* Macek, 1996, holotype (female) and allotype (male), with labels.



BORNEO SABAH Mt.
Kinabalu Nat.Pk.
Poring Hot
Springs 500m
12.V.87 A.Smetana

Synbelyta
robusta sp.n.
Macek det. 1996

Holotypus

J. Macek det.



SABAH: Danum Valley
CA 25.X-11.XII.1986
P.J.Eggleton MT
rainfor. edge

Synbelyta
robusta sp.n.
Macek det. 1996

Allotypus

J. Macek det.

Fig. 33. Habitus of *Synbelyta robusta* Macek, 1996, holotype (female) and allotype (male), with labels.

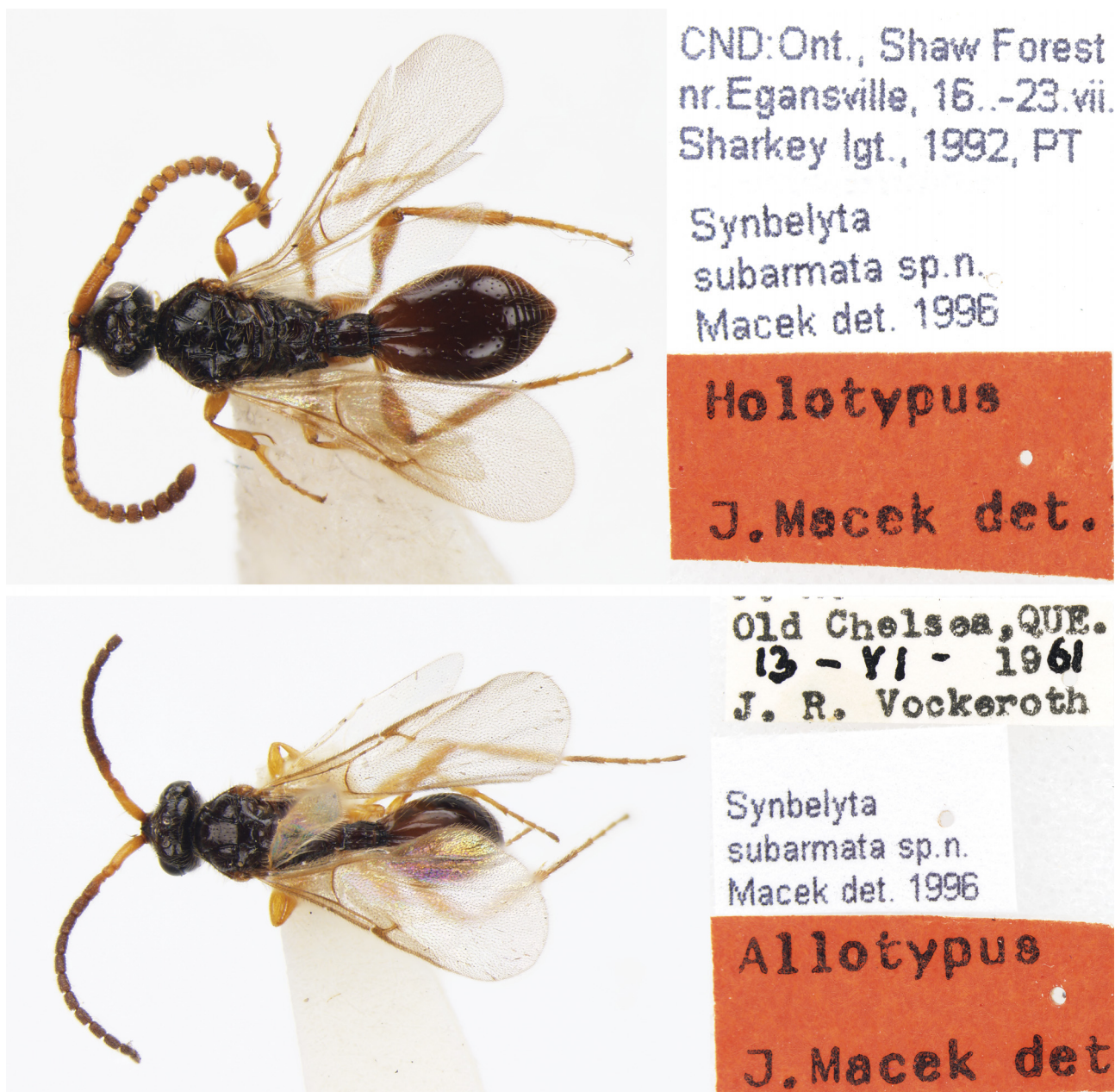


Fig. 34. Habitus of *Synbelyta subarmata* Macek, 1996, holotype (female) and allotype (male), with labels.

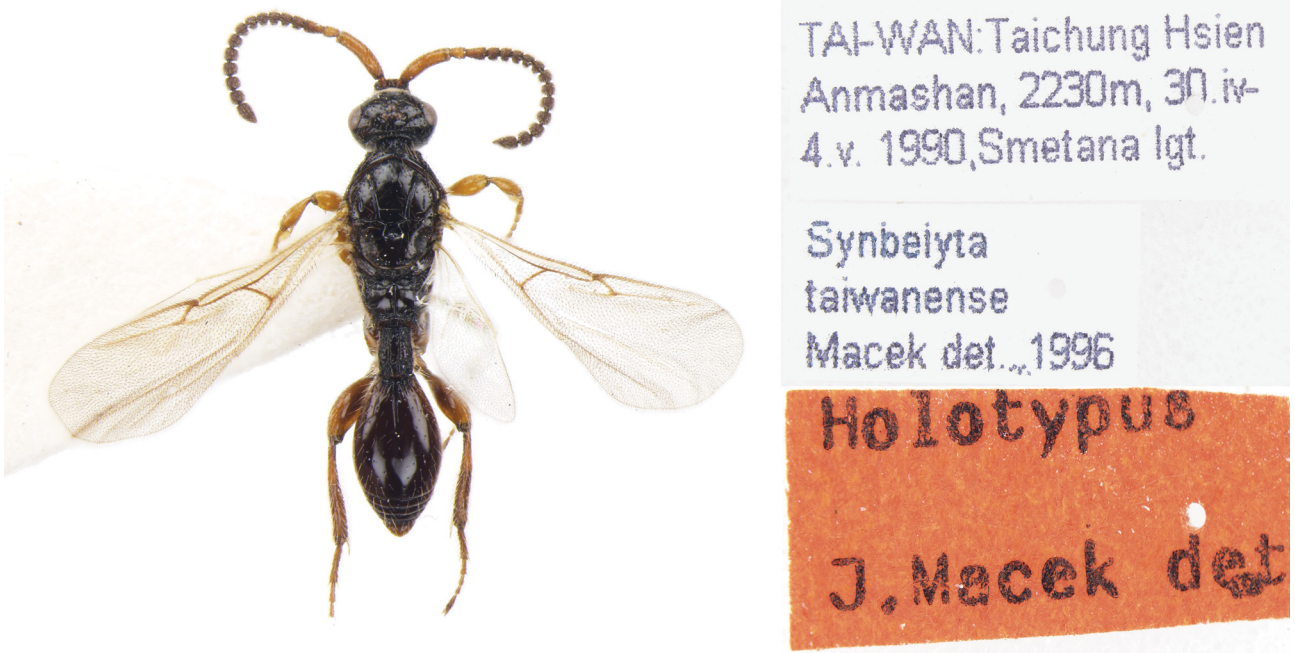


Fig. 35. Habitus of *Synbelyta taiwanensis* Macek, 1996, holotype (female), with labels.

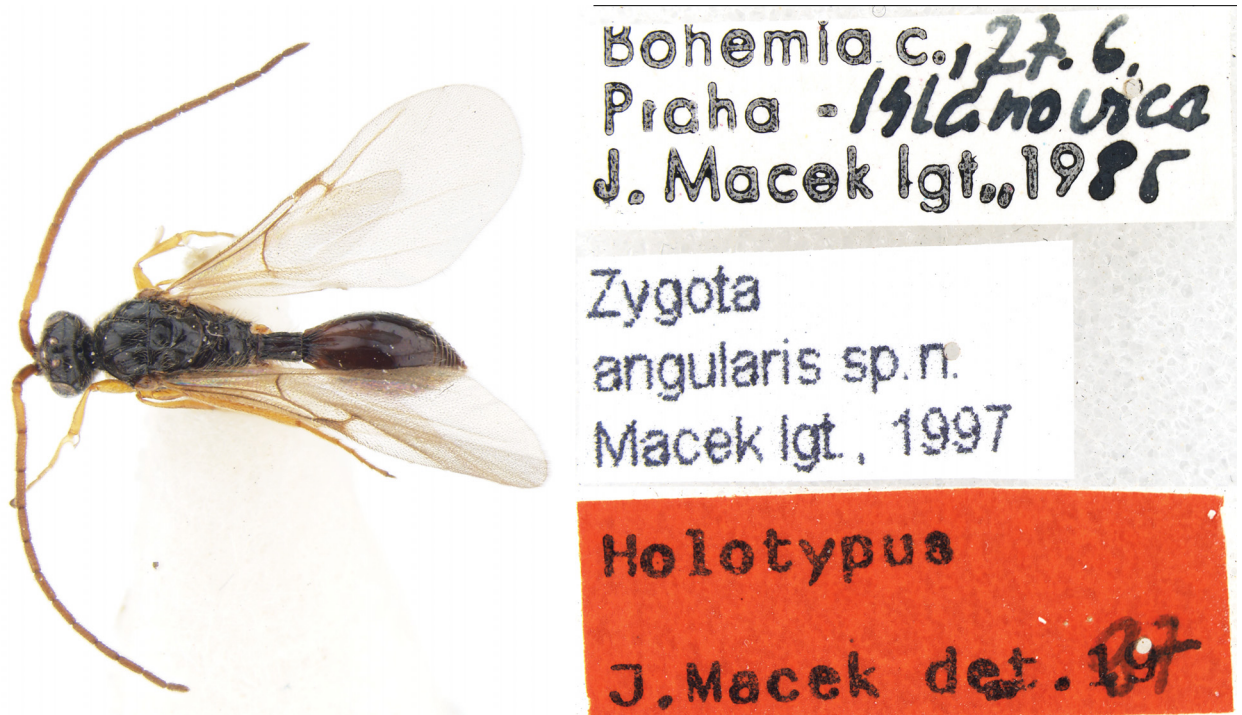


Fig. 36. Habitus of *Zygota angularis* Macek, 1997, holotype (female), with labels.



Slovakia occ.
Čachtice, 11.8.
J. Macek lgt., 1991

Zygota
balteata sp. n.
det. Macek, 1997

Holotypus

J. Macek det. 1997



Boh. c. Beroun env.
Karlštejn, 2.6.
J. Macek lgt., 1988

Zygota
balteata sp. n.
det. Macek, 1997

Allotypus

J. Macek det. 1997

Fig. 37. Habitus of *Zygota balteata* Macek, 1997, holotype (female) and allotype (male), with labels.



FINLAND: Kevo, vi.
subarctic region
H. Goulet, lgt., 1989

Zygota
comitans sp. n.
Macek lgt., 1997

Holotypus

J. Macek det. 1997



Slovakia cen., 3.8.
Polana
J. Macek lgt., 1986

Havrani
skaly

Zygota
comitans sp. n.
Macek lgt., 1997

Allotypus

J. Macek det. 1997

Fig. 38. Habitus of *Zygota comitans* Macek, 1997, holotype (female) and allotype (male), with labels.



Fig. 39. Habitus of *Zygota sordida* Macek, 1997, holotype (female) and allotype (male), with labels.



Fig. 40. Habitus of *Zygota villosa* Macek, 1997, holotype (female) and allotype (male), with labels.



Fig. 41. Habitus of *Entomacis hajeki* Macek, 2000, holotype (female) and allotype (male), with labels.



Fig. 42. Habitus of *Galesus lapponicus incisus* Tomšik, 1946, holotype (male), with labels.



Fig. 43. Habitus of *Idiotypa mariae* Gregor, 1939, holotype (female), with labels.



Fig. 44. Habitus of *Oxypria boučeki* Masner, 1959, holotype (male), with labels.



Fig. 45. Habitus of *Spilomicrus formosus* Jansson, 1942, paratype (male), with labels.



Fig. 46. Habitus of *Viennopria priesneri* Jansson, 1953, paratype (female), with labels.

NZ (ND): Waipoua For.
6-10.II.1995. 100m
Yellow PT in broad
leaf for. L. LeSage
PARATYPE, CNCI
Maaminga rangi ♀
Early et al., 2001



Fig. 47. Habitus of *Maaminga rangi* Early, Masner, Naumann & Austin, 2001, paratype (female), with labels.