

Catalogue of type specimens of Sternorrhyncha (Hemiptera) deposited in the National Museum, Prague, Czech Republic*

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Abstract. Type specimens from the insect collections deposited in the Department of Entomology, National Museum, Prague, are currently being catalogued. In this part of the catalogue we deal with Hemiptera: Sternorrhyncha. This group is namely represented in the museum by the whitefly collection of Jiří Zahradník and the scale insect collections of Jiří Zahradník and Josef Řeháček, while the psyllid material was mostly collected by Jiří Dlabola and other workers of the department and identified by Marianna M. Loginova, Daniel Burckhardt and Pavel Lauterer (material from the expeditions of the National Museum to Iran in 1970s is particularly numerous and scientifically valuable). We list the types of 36 taxa (3 in Aleyrodomorpha, 3 in Coccoomorpha, and 30 in Psyllomorpha), including holotypes or syntypes of 14 taxa (3 in Aleyrodomorpha, 2 in Coccoomorpha, and 9 in Psyllomorpha).

Key words. Catalogue, type specimens, entomology, museum collection, Hemiptera, Aleyrodoidea, Aleyrodomorpha, Coccoidea, Coccoomorpha, Psylloidea, Psyllomorpha

Introduction

This contribution is a continuation of a series of papers cataloguing the type specimens of insects deposited in the Department of Entomology of the National Museum, Prague (e.g. BEZDĚK & HÁJEK 2009, 2013; KMENT & KOLÍNOVÁ 2013; MACHÁČKOVÁ & FIKÁČEK 2014; TKOČ et al. 2014; BATELKA & HÁJEK 2015; KMENT et al. 2015) in accordance with the Recommendation 72F of the International Code of Zoological Nomenclature which encourages institutions to catalogue and make accessible the type material under their care (ICZN 1999). This part

* Catalogue of type specimens in NMPC, part 13

deals with Hemiptera: Sternorrhyncha. Along with the paper, photographs of the types and copies of their original descriptions are available upon request.

The material of Sternorrhyncha in the National Museum Prague collections (hereafter abbreviated as NMPC) is less numerous compared to some other insect groups housed there as well, such as e.g. Coleoptera, Diptera or Hemiptera: Heteroptera and Auchenorrhyncha (see KVAČEK et al. 2015). The Sternorrhyncha collections in NMPC include particularly whiteflies (Aleyrodomorpha), scale insects (Coccomorpha), and psyllids (Psyllomorpha) while there is currently no scientific collection of aphids (Aphidomorpha).

The whiteflies are represented by the personal collection of Jiří Zahradník (*1928) who worked as a researcher at the Department of Entomology of the National Museum in 1953–1963. He mainly studied taxonomy and distribution of whiteflies in central and south-eastern Europe and published 15 scientific papers on these subjects, including descriptions of several new taxa (ZAHRADNÍK 1961, 1962a, 1987b), an identification key and checklist of whiteflies in former Czechoslovakia (ZAHRADNÍK 1959a, 1977), a detailed taxonomic revision of the Czech whiteflies (ZAHRADNÍK 1985, 1987a, 1989a), and a number of first records of whitefly species for several European countries, particularly Austria, Croatia, Germany, Macedonia, Serbia, and Switzerland (ZAHRADNÍK 1957, 1962b, 1963, 1989b, 1991). Zahradník's whitefly collection in NMPC includes 781 slides (mainly in Canada balsam) of 27 species. Type material is represented by holotypes and paratype specimens for 3 species-group taxa described by Zahradník.

The core of the scale insect collection is also formed by the personal collection of Jiří Zahradník who intensively studied scale insects as well and published 31 scientific papers on them (for bibliography, see GARCÍA et al. 2015). His main interests were in the fauna of former Czechoslovakia (e.g. ZAHRADNÍK 1959b, 1977), particularly the family Diaspididae (e.g., ZAHRADNÍK 1952a,b), and the scale insects occurring in greenhouses and households (e.g. ZAHRADNÍK 1990). Zahradník's scale insect collection in NMPC includes 1218 microscopic slides (mounted in Canada balsam and Liquide de Faure) with approximately 90 species (collected mainly in the Czech Republic and less in Slovakia, Germany, Hungary, and the former Soviet Union), including the holotype and paratypes for one species described by Zahradník himself and a paratype donated by Heinrich Schmutterer. In addition to the slides, there is an amount of dry material and samples preserved in alcohol and largely undetermined. NMPC also houses the personal collection of Josef Řeháček (1931–2014) which includes 680 microscopic slides (in Canada balsam or polyvinylalcohol) and a few dry samples of 30 species of Coccidae from the Czech Republic and Slovakia, including a type series of one species described by Řeháček himself. Řeháček published 7 scientific papers on scale insects and focused on the faunistics and taxonomy of soft scales (e.g. ŘEHÁČEK 1959, 1960; for a bibliography, see GARCÍA et al. 2015).

The psyllid collection in NMPC contains almost exclusively dry-mounted material and includes a few specimens from the historical collection by Ladislav Duda (1854–1895), a pioneer of Hemiptera faunistics in Bohemia (KOLEŠKA 1980), and more recent material (approximately 5600 specimens of ca. 200 species) mostly collected by Jiří Dlabola and other workers of the Department of Entomology of the National Museum in the Czech Republic and Slovakia and during expeditions to several other countries in Europe and elsewhere in

the Palaearctic and Neotropical Regions. Particularly the material collected during three expeditions to Iran in 1970s, identified by Marianna M. Loginova, Daniel Burckhardt and Pavel Lauterer, is numerous and scientifically valuable as it contains 9 holotypes and many paratypes of newly described species (LOGINOVA 1978a,b; BURCKHARDT & LAUTERER 1993). Some additional paratypes were donated to NMPC by Pavel Lauterer and Igor Malenovský.

Material and methods

In the Catalogue, taxa are arranged alphabetically within each infraorder, family and genus. Each entry includes:

- the name of the taxon in the original combination with its author and year.
- the name of the taxon in the original combination and spelling with its author and year and a reference to the published description (including pagination, figures and plates).
- the type status (holotype/paratype/syntype), the number of specimens (including their sex if known or developmental stage) and the exact label data, further specified by our remarks in square brackets: [p] – preceding text is printed on the label attached to the specimen, [hw] – preceding text is handwritten on the label; unless otherwise indicated, the data are written/printed in black ink on a white label. Separate labels are indicated by a double slash ‘//’ and lines within each label are separated by a slash ‘/’.
- the current taxonomic status.
- any inconsistencies with the original published description are mentioned under Remarks.

Full references to each publication can be found in the References section. The classification and current nomenclature generally follow OUVARD & MARTIN (2016) for the whiteflies, GARCÍA et al. (2015) for the scale insects, and OUVARD (2016) for the psyllids.

Catalogue

Infraorder ALEYRODOMORPHA

Family ALEYRODIDAE Westwood, 1840

Subfamily Aleyrodinae Westwood, 1840

Japaneyroides similis europaeus Zahradník, 1962

Japaneyroides similis europaeus Zahradník, 1962a: 15–18, Figs 1–5 (original description).

The holotype and 141 paratypes are deposited in NMPC (slide mounted on 57 slides in Canada balsam and Metaplex):

HOLOTYPE (puparium, marked with circle and the word ‘Typ.’ in black ink on cover slide) and PARATYPES (7 puparia on 1 slide together with the holotype): ‘BĚLOVES / 16.9.1959 [hw, with ! in red pencil] / Holotypus: 15103 / PARATYPI [underlined] 15138 / TM: P 4/10x / Acta Faun.8(66) An. [hw] // JAPANEYRODES / similis europaeus / ssp.n. Zahradník / Vaccinium vitis- / idaea [hw, underlined] / Coll. Jiří Zahradník [p]’.

PARATYPES (7 puparia on 1 slide): ‘BĚLOVES / 16.9.1959 [hw, with ! in red pencil] / Paratypi / 15155 [hw] // JAPANEYRODES / similis europaeus / n. ssp. Zahr. / Vaccinium vitis / idaea [hw, underlined] / Coll. Jiří Zahradník [p]’.

- PARATYPES (6 puparia on 1 slide): 'BĚLOVES / 16.9.1959 [hw, with ! in red pencil] / Paratypi / 15156 [hw] // JAPANNEYRODES / similis europaeus / n. ssp. Zahr. / Vaccinium vitis- / idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (6 puparia on 1 slide): 'PRACHOVSKÉ / SKÁLY / ERVÍNŮV HRAD / 14. 1.1956 [hw, with ! in red pencil] / Paratypi 15157 [hw] // Japaneyrodes / similis TAKAH. / europaeus n. ssp. Zahr. / Vacc. vitis-idaea / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Bohem. / PRACHOVSKÉ SKÁLY / (ERVÍNŮV HRAD) / 14. 1.1956 [hw, underlined] / Paratyp: 15158 [hw, with ! in red pencil] / det. J. Zahradník / 1956 / AC. 54 [hw] // ALEUROTUBERCULATUS / similis / TAKAHASHI / ssp. n. europaeus Zahr. / Vaccinium / vitis idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'ROTŠTEJN / [pictograph of a castle ruin] / 22. 3. 1957 / 15162 / PARATYPI [hw, with ! in red pencil] // JAPANNEYRODES / similis europae. / n. ssp. Zahr. / Vacc. vitis idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (9 puparia on 1 slide): '[pictograph of a castle ruin] ROTŠTEJN / 22. 3. 1957 / 15163 / PARATYPI [hw, with ! in red pencil] // JAPANNEYRODES / similis europaeus / Zahr. n. ssp. / Vaccinium vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (2 puparia on 1 slide): 'ČERTOVA STĚNA / 25. 4. 1961 / Paratypus / 15167 [hw, with ! in red pencil] // JAPANNEYRODES / similis europaeus / n. ssp. Zahr. / Vaccinium vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (3 puparia on 1 slide): 'BERLIN / FRIEDRICHSHG. / 28. 10. 1959 [hw, underlined, with ! in red pencil] / 15164 / PARATYPI // JAPANNEYRODES / similis europaeus / ssp. n. Zahradník / Vaccinium vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (2 puparia on 1 slide): 'PETERGOF / 12. 5. 1960 [hw, underlined] / 15165 / PARATYPI [underlined] / leg. E. Danzig / C. b. [hw] // JAPANNEYRODES / similis / europaeus Zahr. / Vaccinium vitis / idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Bohemia / LIBŠTÁT / 6.11.1955 / det. J. Zahradník / 30.11.55 [underlined] / Paratypus 15166 [underlined] / Metaplex [hw] // ALEUROTUBERCULATUS / similis TAK. / europaeus n. ssp. / Zahr. / Vaccinium vitis / idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Bohemia / LIBŠTÁT / 6.11.1955 / det. J. Zahradník / 30.11.55 / fuchs., C. bals. [hw] // Paratypus [hw on slide] // JAPANNEYRODES / similis / europaeus / Zahr. / Vacc. vitis idaea / leg. det. J. Z. [hw]'.
- PARATYPES (2 puparia on 1 slide): 'HOLUBOV / 17. 4. 1962 / Paratypi / 15101 [hw] // JAPANNEYRODES / similis / europaeus n. ssp. / Zahr. / Vaccinium vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (2 puparia on 1 slide): 'Bohem. merid. / HOLUBOV / 17. 4. 1962 / Paratypi / 15168 [hw, with ! in red pencil] // JAPANNEYRODES / similis europaeus / n. ssp. / Zahr. / Vaccin. vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (39 puparia on 18 slides): 'HOLUBOV / 17. 4. 1962 / Paratypi / 15169–15186 [respectively; hw, with ! in red pencil] // JAPANNEYRODES / similis / europaeus n. ssp. / Vaccinium vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (25 puparia on 12 slides): 'LOUČOVICE / 18.4.1962 / Paratypi / 15187–15198 [respectively; hw, with ! in red pencil] // JAPANNEYRODES / similis / europaeus n. ssp. / Zahr. / Vaccinium vitis idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (27 puparia on 11 slides): 'LOUČOVICE / 18.4.1962 / Paratypi [hw] // JAPANNEYRODES / similis / europaeus Zahr. / Vaccinium vitis / idaea / leg., det. J. Zahradník [hw]'.

Current status. Junior synonym of *Aleuroclava similis* (Takahashi, 1938) according to DANZIG (1980), MARTIN et al. (2000), MARTIN & MOUND (2007), and OUVREARD & MARTIN (2016).

Remarks. The following four slides were labelled by Zahradník as paratypes but were not listed as parts of the type series in the original publication:

- (2 puparia on 1 slide): 'PRACHOVSKÉ / SKÁLY / (ŠLIKOVA VYHL.) / 15. 2.1957 / Paratypus 15159 [hw, with ! in red pencil] // JAPANNEYRODES / similis europae- / us Zahr. n. ssp. / Vaccinium vitis / idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
- (2 puparia on 1 slide): 'PRACHOVSKÉ / SKÁLY / ŠLIKOVA VYHL. / 15. 2.1957 / Paratypus 15160 [hw, with ! in red pencil] // JAPANNEYRODES / similis / europaeus n. ssp. / Zahr. / Vaccinium / vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.

- (2 puparia on 1 slide): 'PRACHOVSKÉ / SKÁLY / ŠLIKOVA VYHLÍDKA / 15. 2.1957 / Paratypus 15161 [hw, with ! in red pencil] // JAPANERODES / similis / europaeus Zahr. / n. ssp. / Vaccinium / vitis-idaea [hw, underlined] / Coll. Jiří Zahradník [p]'.
 (1 puparium): 'Bohemia / LIBŠTÁT / 7.XI.1954 / Paratypus / Canadabals. [hw] // JAPANERODES / similis europaeus / Zahr. / Vaccinium vitis / idaea / 157 listy [hw, underlined] / Coll. Jiří Zahradník [p]'.

Neobemisia obenbergeri Zahradník, 1961

Neobemisia obenbergeri Zahradník, 1961: 68–75, Figs 5–9 (original description).

The holotype and 44 paratypes are deposited in NMPC (mounted on 29 slides in Canada balsam):

- HOLOTYPE (puparium): 'Moravia occid. / MOHELNO / 17. 9. 1955 / Holotypus / 15101 / Kresl. P 10x15/AF7 / C.bals. [hw, with ! in red pencil] Popis [hw, purple ink] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus serpyllum / listy [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia occ. / MOHELNO / 1.rokle / 28. 9. 1954 / Paratypus / 15104 [hw, with ! in red pencil] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia occ. / MOHELNO / 1.rokle / 28. 9. 1954 / Paratypus / 15105 [hw, with ! in red pencil] / parasit. [hw, pencil] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia occ. / MOHELNO / 1.rokle / 28. 9. 1954 / Paratypus / 15106 [hw, with ! in red pencil] / paras. [hw, pencil] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia occ. / MOHELNO / 1.rokle / 28. 9. 1954 / Paratypus / 15107 [hw, with ! in red pencil] / Popis [hw, purple ink] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia occ. / MOHELNO / 4.rokle / 29. 9. 1954 / Paratypus / 15108 [hw, with ! in red pencil] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serpyll. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia occ. / MOHELNO / 4.rokle / 29. 9. 1954 [hw, with ! in red pencil] / orig. popis [hw, purple ink] / Paratypus 15109 [hw] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serpyll. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia occ. / MOHELNO / 4.rokle / 29. 9. 1954 [hw, with ! in red pencil] / orig. popis: An [hw, purple ink, upside down] / Paratypus 15110 [hw, vertically] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (4 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / Paratypus 15115 [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri / n.sp. Zahr. / Thymus [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (5 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / Paratypus 15116 [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri / n.sp. Zahr. / Thymus sp. [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (2 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / PARATYPI / 15121 / C.b [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (2 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / PARATYPI / 15122 / C.b. [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Thymus [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (3 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / PARATYPI / 15123 / C.b. [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (3 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / Paratypi / 15124 / C.b. [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'MOHELNO / 30. 8. 1957 / Paratypi / 15125 / C.b. [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (2 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / PARATYPI / 15126 / C.b. [hw, with ! in red pencil] Popis [hw, purple ink] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (3 puparia on 1 slide): 'MOHELNO / 30. 8. 1957 / PARATYPI [hw] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus sp. [hw, underlined] / Coll. Jiří Zahradník [p]'.

- PARATYPE (puparium): 'MOHELNO / 30. 8. 1957 / Paratypus [hw] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus / leg., det. J. Zahradník [hw]'.
- PARATYPES (3 puparia on 3 slides): 'MOHELNO / 30. 8. 1957 / Paratypus [hw] // NEOBEMISIA / obenbergeri n.sp. / Thymus / leg.det. J. Zahradník [hw]'.
- PARATYPE (puparium): 'Mor. mer. / SV. KOPEČEK / u Mikulova / 11. 8. 1956 / Paratypus / 15117 [hw, with ! in red pencil] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Moravia mer. / SV. KOPEČEK / u Mikulova / 11. 8. 1956 / Paratypus / 15118 [hw, with ! in red pencil] / Popis [hw, purple ink] // MOHELNALEYRODES / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Mor. mer. / SV. KOPEČEK / u MIKULOVA / 11. 8. 1956 / Paratypus / 15119 [hw, with ! in red pencil] / Popis [hw, purple ink] // MOHELNALEYRODES / obenbergeri n.sp. Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Mor. mer. / SV. KOPEČEK / u Mikulova / 11. 8. 1956 / Paratypus / 15120 [hw, with ! in red pencil] / Popis [hw, purple ink] // Mohelnaleyrodes / obenbergeri n.sp. / Zahradník / Thymus serp. / list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (empty puparium): 'Slov. / KOVÁČOV / 5.6.1960 / Paratypus / 15139 [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Prázdné P / Thymus sp. [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (empty puparium): 'Slov. / KOVÁČOV / 5.6.1960 / Paratypus / 15140 [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Prázdné P / Thymus sp., list [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'SKOPJE / Vodno / 11.8.1958 / Paratypus / 15152 [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPE (puparium): 'Albanie / KRUIJE / 4. 6. 1959 / Paratypus / 15200 [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus sp. [hw, underlined] / Coll. Jiří Zahradník [p]'.

Current status. Valid species: *Asterobemisia obenbergeri* (Zahradník, 1961) (see MOUND & HALSEY 1978, MARTIN et al. 2000, MARTIN & MOUND 2007, and OUVARD & MARTIN 2016).

Remarks. The following four slides with the same locality and date of collection as in the holotype were not explicitly listed in the type series in the original description but were labelled by Zahradník as paratypes:

- (2 puparia on 2 slides): 'Moravia occid. / MOHELNO / 17. 9. 1955 / Paratypus 15111, 15112 [respectively] / C. bals. [hw, with ! in red pencil] Popis [hw, purple ink] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus serpyllum / folia [hw, underlined] / Coll. Jiří Zahradník [p]'.
- (1 puparium): 'Moravia occid. / MOHELNO / 17. 9. 1955 / Paratypus 15113 / C. bals. [hw, with ! in red pencil] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus serpyllum / folia [hw, underlined] / Coll. Jiří Zahradník [p]'.
- (1 puparium): 'Moravia occid. / MOHELNO / 17. 9. 1955 / Paratypus 15114 / C. bals. [hw] Popis [hw, purple ink] // NEOBEMISIA / obenbergeri n.sp. / Zahr. / Thymus serpyllum / folia [hw, underlined] / Coll. Jiří Zahradník [p]'.

Neobemisia paveli Zahradník, 1961

Neobemisia paveli Zahradník, 1961: 75–78, Figs 13–17 (original description).

The holotype and 23 paratypes are deposited in NMPC (mounted on 15 slides in Canada balsam):

- HOLOTYPE (puparium): 'MOHELNO / 4.9.1957 / (1. rokle) / Holotypus / i.č. 15102 / kresl. P. 10x15/AF7 [hw, with ! in red pencil] // NEOBEMISIA / paveli n. sp. / Zahr. / Euphorbia [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (3 puparia on 3 slides): 'MOHELNO / 4.9.1957 / Paratypus / 15127–15129 [respectively; hw, with ! in red pencil] // NEOBEMISIA / paveli n. sp. / Zahr. / Euphorbia sp. [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (6 puparia on 2 slides): 'MOHELNO / 1. rokle / 27. 8. 1957 / Paratypi / 15136, 15137 [respectively; hw, with ! in red pencil] // NEOBEMISIA / paveli n.sp. / Zahr. / Euphorbia [hw, underlined] / Coll. Jiří Zahradník [p]'.
- PARATYPES (7 puparia, 2 nymphs on 2 slides): 'MOHELNO / 27. 8. 1957 / Paratypi / 15153, 15154 [respectively; hw, with ! in red pencil] // NEOBEMISIA / paveli n.sp. Zahr. / Euphorbia sp. [hw, underlined] / Coll. Jiří Zahradník [p]'.

PARATYPES (4 puparia, on 4 slides): 'MOHELNO / 4. 9. 1957 / Paratypus // NEOBEMISIA / paveli Zahr. / Euphorbia sp. / leg., det. J. Zahradník [hw]'.

PARATYPE (1 nymph on 1 slide): 'MOHELNO / 4. 9. 1957 / Paratypus // NEOBEMISIA / paveli Zahr. / larva [underlined] / Euphorbia sp. / leg., det. J. Zahradník [hw]'.

PARATYPES (2 parasitised puparia on 2 slides): 'MOHELNO / 4. 9. 1957 / Paratypus // NEOBEMISIA / paveli Zahr. / paras. P. / Euphorbia sp. / leg., det. J. Zahradník [hw]'.

Current status. Valid species: *Asterobemisia paveli* (Zahradník, 1961) (see MOUND & HALSEY 1978, MARTIN et al. 2000, MARTIN & MOUND 2007, and OUVREARD & MARTIN 2016).

Remarks. The following six slides with the same locality as in the holotype but slightly different date of collection were also labelled by Zahradník as paratypes but were not listed in the type series in the original description:

(4 puparia on 2 slides): 'MOHELNO / 30.8.1957 / Paratypi / 15130, 15134 [respectively; hw, with ! in red pencil] / Popis [hw, purple ink] // NEOBEMISIA / paveli n.sp. Zahr. / P. / Euphorbia / list [hw, underlined] / Coll. Jiří Zahradník [p]'.

(2 puparia on 1 slide): 'MOHELNO / 30.8.1957 / Paratypi / 15131 [hw] // NEOBEMISIA / paveli n.sp. / Zahr. / Euphorbia [hw, underlined] / Coll. Jiří Zahradník [p]'.

(4 puparia on 2 slides): 'MOHELNO / 30.8.1957 / Paratypi / 15132, 15135 [respectively; hw, with ! in red pencil] / Popis [hw, purple ink] // NEOBEMISIA / paveli n.sp. Zahr. / P. / Euphorbia / listy [hw, underlined] / Coll. Jiří Zahradník [p]'.

(2 puparia on 1 slide): 'MOHELNO / 30.8.1957 / Paratypi / 15133 [hw, with ! in red pencil] / Popis [hw, purple ink] // NEOBEMISIA / paveli n.sp. / Zahr. / Euphorbia / listy [hw, underlined] / Coll. Jiří Zahradník [p]'.

Infraorder COCCOMORPHA

Family COCCIDAE Fallén, 1814

Subfamily Eriopeltinae Šulc, 1941

Luzulaspis borchsenii Řeháček, 1959

Luzulaspis borchsenii Řeháček, 1959: 176–178, Figs 1–2 (original description).

One hundred and seventeen syntypes (13 females and 104 first instar immatures) are deposited in NMPC (mounted on 7 slides in polyvinylalcohol):

SYNTYPES (4 ♀♀ on 2 slides): 'Kúty / IX.1958 / PVA [hw] // Carex sp. / Luzulaspis / borchsenii [hw, underlined] / Coll. Jos. Řeháček [p] // SYNTYPUS / LUZULASPIS / BORCHSENI / Řeháček, 1959 / label: Malenovský & Kment 2016 [p, red label; placed on reverse of the slide]'.

SYNTYPES (104 first instar immatures on 2 slides): 'Kúty / IX.1958 / PVA [hw] // Carex sp. / Luzulaspis / borchsenii [hw, underlined] / Coll. Jos. Řeháček [p] // SYNTYPUS / LUZULASPIS / BORCHSENI / Řeháček, 1959 / label: Malenovský & Kment 2016 [p, red label; placed on reverse of the slide]'.

SYNTYPES (9 ♀♀ on 3 slides): 'Kúty [hw, in pink ink directly on slide glass] // SLOVAKIA / KÚTY / 48°39'33"N 17°01'03"E / label: P. KMENT 2016 [p] // SYNTYPUS / LUZULASPIS / BORCHSENI / Řeháček, 1959 / label: Malenovský & Kment 2016 [p, red label]'.

Current status. Junior synonym of *Luzulaspis scotica* (Greene, 1926) according to KOTEJA (1979) and GARCÍA et al. (2015).

Remarks. In the original description, Řeháček mentions the vicinity of the Morava River between Kúty and Devín in Slovakia as the collecting locality. The following three slides in

coll. Řeháček in NMPC were identified and labelled by Řeháček as *Luzulaspis borchsenii* but were collected in the locality 'ŠŮr' which was not explicitly mentioned in the original description and is not situated in the Morava River alluvium but at one of its left-side tributaries. However, as Řeháček's collection does not include any specimens from 'Devín', this is probably an inaccuracy in the original description:

?SYNTYPES (2 ♀♀ on 1 slide): 'ŠŮr / 22.X.58 / PVA [hw] // Carex sp. / *Luzulaspis borchsenii* [hw, underlined] / Coll. Jos. Řeháček [p] // SYNTYPUS [p] ? [hw] / *LUZULASPIS / BORCHSENI* / Řeháček, 1959 / label: Malenovský & Kment 2016 [p, red label; placed on reverse of the slide]'.

?SYNTYPES (5 ♀♀ on 2 slides): 'ŠŮr [hw, in pink ink directly on slide glass]' // SLOVAKIA / SVĚTÝ JUR env., ŠŮR / 48°14'14"N 17°13'55"E / label: P. KMENT 2016 [p] // SYNTYPUS [p] ? [hw] / *LUZULASPIS / BORCHSENI* / Řeháček, 1959 / label: Malenovský & Kment 2016 [p, red label]'.

Additional seven slides were labelled just with abbreviated name of the species by Řeháček's hand but do not bear any collecting data. They may constitute a part of the original type series as well. One such female without data was studied and supposed to be a type material of *L. borchsenii* by KOTEJA (1979: 609).

?SYNTYPES (11 ♀♀ on 7 slides): 'Luz / borch [hw, in black ink directly on slide glass]' // SYNTYPUS [p] ? [hw] / *LUZULASPIS / BORCHSENI* / Řeháček, 1959 / label: Malenovský & Kment 2016 [p, red label]'.

Additional two slides are same as above but bear a collecting date in November 1959. As the original description was published in volume 38(1)/1959 of *Entomologičeskoe Obozrenie* prepared for press on February 25, 1959, these two slides are excluded from the type series:

(3 ♀♀ on 1 slide): '6. XI. / 59 // Luz / borch [hw, in black ink directly on slide glass]'.

(3 ♀♀ on 1 slide): '6. XI. / 59 // L / borch [hw, in black ink directly on slide glass]'.

Family DIASPIDIDAE Targioni-Tozzetti, 1868

Subfamily Diaspidinae Targioni-Tozzetti, 1868

***Quadraspidotus marani* Zahradník, 1952**

Quadraspidotus marani Zahradník, 1952b: 449–451, Fig. 1 (original description).

The holotype and 17 paratypes are deposited in NMPC (mounted on 6 slides in lactofenol/ Liquide de Swan):

HOLOTYPE (♀, marked by black circle on cover glass) and PARATYPES (3 ♀♀ on the same slide together with the holotype): '2.III.1951 / PRAHA II [hw] / Holotypus [p, pink label glued on the white locality label] / Lactofenol/liquide Swan [hw] // *Quadraspidotus / mařani ZAHR.* / Pirus com. sat. [hw] / Kreslen [hw, pencil] / 262 [hw] 2x [hw, pencil] kmen [hw, underlined] / Coll. Jiří Zahradník [p] // Mus. Nat. Pragae [p] / 1529 [hw] / Inv. [p, orange label; placed on the reverse of the slide]'.

PARATYPES (7 ♀♀ on 1 slide): '13.VII.1951 / PRAHA [hw] / paratyp [hw, pencil] / Lactofenol / liquide Swan [hw] // *Quadraspidotus / mařani ZAHR.* / Pirus communis / ssp. sativa / 789 kmen [hw, underlined] / Coll. Jiří Zahradník [p] // Mus. Nat. Pragae [p] / 1530 [hw] / Inv. [p, orange label; placed on the reverse of the slide]'.

PARATYPES (3 ♀♀ on 1 slide): '2.III.1951 / PRAHA II [hw] / COTYPUS [p, red label glued on the white locality label] / Lactofenol / liquide Swan [hw] // *Quadraspidotus / mařani ZAHR.* / Pirus com. sat. / 263 kmen [hw, underlined] / Coll. Jiří Zahradník [p]'.

PARATYPES (2 ♀♀ on 1 slide): '2.III.1951 / PRAHA II [hw] / COTYPUS [p, red label glued on the white locality label] / Lactofenol / liquide Swan [hw] // *Quadraspidotus / mařani ZAHR.* / Pirus com. / sat. / 265 kmen [hw, underlined] / Coll. Jiří Zahradník [p]'.

PARATYPE (♀): ‘2.III.1951 ČSR / PRAHA [hw] / COTYPUS [p, red label glued on the white locality label] / Liquide Swan [hw] // Quadraspidiotus / mařani ZAHR. / Pirus communis. [hw, underlined] / Coll. Jiří Zahradník [p] // Mus. Nat. Pragae [p] / 1531 [hw] / Inv. [p, orange label; placed on the reverse of the slide]’.

PARATYPE (♀): ‘2.III.1951 ČSR / PRAHA [hw] / COTYPUS [p, red label glued on the white locality label] / Liquide Swan [hw] // Quadraspidiotus / mařani ZAHR. / Pirus communis. [hw, underlined] / Coll. Jiří Zahradník [p] // Mus. Nat. Pragae [p] / 1532 [hw] / Inv. [p, orange label; placed on the reverse of the slide]’.

Current status. Valid species: *Diaspidiotus marani* (Zahradník, 1952) (see GARCÍA et al. 2015).

Family PSEUDOCOCCIDAE Cockerell, 1905

Heterococcus variabilis Schmutterer, 1958

Heterococcus variabilis Schmutterer, 1958: 18–22, Figs 1–3 (original description).

One paratype is deposited in NMPC (mounted on a slide in Liquide de Faure):

PARATYPE (♀): ‘Oberammergau- / Ums. / 15.8.1955 / PARATYP [pencil, underlined] / Fauers Gemisch [hw] // *Heterococcus* / ~~utae~~ n.sp. [black ink, crossed out with pencil] / variabilis [pencil] / Agrostis alba- / Blattscheid. [underlined] / Coll. H. Schmutterer [hw] // Mus. Nat. Pragae [p] / 1708 [hw] / Inv. [p, orange label; placed on the reverse of the slide]’.

Current status. Junior synonym of *Heterococcus nudus* (Green, 1928) according to MILLER (1975) and GARCÍA et al. (2015).

Infraorder PSYLLOMORPHA

Family APHALARIDAE Löw, 1879

Subfamily Aphalarinae Löw, 1879

Aphalara loginovae Burckhardt & Lauterer, 1993

Aphalara loginovae Burckhardt & Lauterer, 1993: 838–839, Figs 10–16 (original description, key).

The holotype and three paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

HOLOTYPE (♂): ‘N Iran, 9.-10. 3. 1973 / Tehran-Evin, Alborz / 1700-2000 m [p] // Loc. no. 123 / Exp. Nat. Mus. / Praha [p] // Holotypus [p, red label] // *Aphalara* / *loginovae* sp. n. / holotype ♂ [hw] / det. D. Burckhardt [p] / ‘91 [hw] // Mus. Nat. Pragae [p] / 110 013 [hw] / Inv. [p, red label]’.

PARATYPE (♂): ‘N Iran, 9.-10. 3. 1973 / Tehran-Evin, Alborz / 1700-2000 m [p] // Loc. no. 123 / Exp. Nat. Mus. / Praha [p] // Paratypus [p, yellow label] // *Aphalara* / *loginovae* sp. n. / paratype ♂ [hw] / det. D. Burckhardt [p] / ‘91 [hw] // Mus. Nat. Pragae [p] / 110 014 [hw] / Inv. [p, red label]’.

PARATYPE (♀): ‘N Iran, 9.-10. 3. 1973 / Tehran-Evin, Alborz / 1700-2000 m [p] // Loc. no. 123 / Exp. Nat. Mus. / Praha [p] // Paratypus [p, yellow label] // *Aphalara* ♀ / *loginovae* sp. n. / paratype ♀ [hw] / det. D. Burckhardt [p] / ‘91 [hw] // Mus. Nat. Pragae [p] / 110 015 [hw] / Inv. [p, red label]’.

PARATYPE (♀): ‘N Iran, 9.-10. 3. 1973 / Tehran-Evin, Alborz / 1700-2000 m [p] // Loc. no. 123 / Exp. Nat. Mus. / Praha [p] // Paratypus [p, yellow label] // *Aphalara* ♀ / *loginovae* sp. n. / paratype ♀ [hw] / det. D. Burckhardt [p] / ‘91 [hw] // Mus. Nat. Pragae [p] / 110 016 [hw] / Inv. [p, red label]’.

Current status. Valid species (BURCKHARDT & LAUTERER 1997, OUVARD 2016).

***Caillardia dilatata* Loginova, 1978**

Caillardia dilatata Loginova, 1978a: 10, 20–21, Figs 9–15 (key, original description).

Four paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘SE Iran, 12 km / SSE Bazman / 13. 4. 1973 [p] // Loc. no. 160 / Exp. Nat. Mus. / Praha [p] // *Paratypus* [p] / *Caillardia* / *dilatata* Loginova [hw, red label] // published [hw] // *Caillardia* / *dilatata* / Log., spn. [hw]’.

PARATYPE (♂): ‘SE Iran, 12 km / SSE Bazman / 13. 4. 1973 [p] // Loc. no. 160 / Exp. Nat. Mus. / Praha [p] // *Paratypus* [p] / *Caillardia* / *dilatata* Loginova [hw, red label]’.

PARATYPE (♀): ‘SE Iran, 12 km / SSE Bazman / 13. 4. 1973 [p] // Loc. no. 160 / Exp. Nat. Mus. / Praha [p] // *Paratypus* [p] / *Caillardia* / *dilatata* / Loginova [hw, red label]’.

PARATYPE (♂): ‘SE Iran / Iranshahr / 12. 4. 1973 [p] // Loc. no. 158 / Exp. Nat. Mus. / Praha [p] // *Paratypus* [p] / *Caillardia* / *dilatata* Loginova [hw, red label]’.

Current status. Valid species (OUVRARD 2016).

***Colposcencia agnata* Burckhardt & Lauterer, 1993**

Colposcencia agnata Burckhardt & Lauterer, 1993: 837, 840–844, Figs 4–6, 8, 9, 27, 30, 33, 34, 39, 42, 43, 50 (key, original description).

The holotype and 14 paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

HOLOTYPE (♂): ‘SE Iran, 13 km / SSE Nikshahr (riv.) / 8-9. 4. 1973 [p] // Loc. no. 152 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *agnata* sp.n. / holotype / det. D. Burckhardt '91 [p, pink label] // Mus. Nat. Pragae [p] / 110 001 [hw] / Inv. [p, red label]’.

PARATYPE (♀): ‘SE Iran, 13 km / SSE Nikshahr (riv.) / 8-9. 4. 1973 [p] // Loc. no. 152 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 002 [hw] / Inv. [p, red label]’.

PARATYPES (4 ♀♀): ‘SE Iran, 13 km / SSE Nikshahr (riv.) / 8-9. 4. 1973 [p] // Loc. no. 152 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.

PARATYPE (♂): ‘SE Iran / Bahu-Kalat / 3-4. 4. 1973 [p] // Loc. no. 147 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 003 [hw] / Inv. [p, red label]’.

PARATYPES (4 ♀♀): ‘SE Iran / Bahu-Kalat / 3-4. 4. 1973 [p] // Loc. no. 147 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.

PARATYPE (♂): ‘S Iran, 7 km / W Kahkom / 27-28. 5. 73 [p] // Loc. no. 215 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 004 [hw] / Inv. [p, red label]’.

PARATYPE (♂): ‘S Iran, 7 km / W Kahkom / 27-28. 5. 73 [p] // Loc. no. 215 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.

PARATYPE (♀): ‘S Iran, 7 km / W Kahkom / 27-28. 5. 73 [p] // Loc. no. 215 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.

PARATYPE (♀): ‘S. Iran / Isin / 28. 4.-6. 5. 1977 [p] // Loc. no. 320 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *agnata* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.

Current status. Valid species (OUVRARD 2016).

***Colposcencia cavillosa* Burckhardt & Lauterer, 1993**

Colposcencia cavillosa Burckhardt & Lauterer, 1993: 837, 844–845, Figs 7, 28, 31, 34, 35, 40, 44, 45, 48, 51 (key, original description).

The holotype and 117 paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

- HOLOTYPE (♂): ‘S Iran, 57 km / S Minab / 22. 5. 1973 [p] // Loc. no. 206 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *cavillosa* sp.n. / holotype / det. D. Burckhardt '91 [p, pink label] // Mus. Nat. Pragae [p] / 110 005 [hw] / Inv. [p, red label]’.
- PARATYPE (♀): ‘S Iran, 57 km / S Minab / 22. 5. 1973 [p] // Loc. no. 206 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *cavillosa* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 006 [hw] / Inv. [p, red label]’.
- PARATYPE (♂): ‘S Iran, 57 km / S Minab / 22. 5. 1973 [p] // Loc. no. 206 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *cavillosa* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 007 [hw] / Inv. [p, red label]’.
- PARATYPES (74 ♂♂): ‘S Iran, 57 km / S Minab / 22. 5. 1973 [p] // Loc. no. 206 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *cavillosa* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.
- PARATYPES (40 ♀♀): ‘S Iran, 57 km / S Minab / 22. 5. 1973 [p] // Loc. no. 206 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *cavillosa* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.
- PARATYPE (♂): ‘S Iran / Hassan Langi / 24.25. 5. 1973 [p] // Loc. no. 211 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *cavillosa* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 008 [hw] / Inv. [p, red label]’.

Current status. Valid species (OUVRARD 2016).

Colposcencia dioscoridis Malenovský & Burckhardt, 2014

Colposcencia dioscoridis Malenovský & Burckhardt, 2014: 26–31, 56, Figs 1–17 (original description, key).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

- PARATYPE (♂): ‘YEMEN, SOCOTRA island / Halla area, Arher / 12°33.0'N, 54°27.6'E, 5 m / freshwater spring in sand dunes / 9-10.vi.2012 [p] // on *Tamarix nilotica* / I. Malenovský leg. [p] // PARATYPUS / *Colposcencia* ♂ / *dioscoridis* sp. nov. / det. I. Malenovský & / D. Burckhardt 2014 [p, red label]’.
- PARATYPE (♀): ‘YEMEN, SOCOTRA island / Noged plain, Abataro / 12°22.1'N, 54°03.4'E, 20 m / border of sand dunes and / shrubland, 12.-13.vi.2012 [p] // on *Tamarix nilotica* / I. Malenovský leg. [p] // PARATYPUS / *Colposcencia* ♀ / *dioscoridis* sp. nov. / det. I. Malenovský & / D. Burckhardt 2014 [p, red label]’.

Current status. Valid species.

Colposcencia paula Burckhardt & Lauterer, 1993

Colposcencia paula Burckhardt & Lauterer, 1993: 837, 845–846, Figs 29, 32, 37, 38, 41, 46, 47, 49, 52, 53 (key, original description).

The holotype and seven paratypes are deposited in NMPC (holotype and six paratypes dry mounted, glued on point card labels; 1 paratype slide mounted in Canada balsam):

- HOLOTYPE (♂): ‘S Iran / Bilai / 23.24. 5. 1973 [p] // Loc. no. 209 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♂ / *paula* sp.n. / holotype / det. D. Burckhardt '91 [p, pink label] // Mus. Nat. Pragae [p] / 110 009 [hw] / Inv. [p, red label]’.
- PARATYPE (♀): ‘S Iran / Bilai / 23.24. 5. 1973 [p] // Loc. no. 209 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *paula* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 010 [hw] / Inv. [p, red label]’.
- PARATYPE (♀): ‘S Iran / Bilai / 23.24. 5. 1973 [p] // Loc. no. 209 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *paula* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 011 [hw] / Inv. [p, red label]’.
- PARATYPE (♀): ‘S Iran / Bilai / 23.24. 5. 1973 [p] // Loc. no. 209 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *paula* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label] // Mus. Nat. Pragae [p] / 110 012 [hw] / Inv. [p, red label]’.
- PARATYPES (3 ♀♀): ‘S Iran / Bilai / 23.24. 5. 1973 [p] // Loc. no. 209 / Exp. Nat. Mus. / Praha [p] // *Colposcencia* ♀ / *paula* sp.n. / paratype / det. D. Burckhardt '91 [p, yellow label]’.
- PARATYPE (♀): ‘SE Iran / Bahu-Kalat / 3-4. 4. 1973 [p] // Loc. no. 147 / Exp. Nat. Mus. / Praha [p] // Para- / typus [p, red label] // *Colposcencia* / *paula* sp.n. / paratype ♀ / P3595 [hw]’ (on slide).

Current status. Valid species (OUVRARD 2016).

***Craspedolepta campestris* Lauterer & Burckhardt, 2004**

Craspedolepta campestris Lauterer & Burckhardt, 2004: 268–269, Figs 7, 8, 19, 20, 32, 38, 43, 48, 53, 57, 61, 63 (original description).

Four paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘Mor.mer.19.5.1983 / Horní Věstonice, 7/83 / Kotelná, 300–480 m / lgt. P. Lauterer [p] // Collectio / P. Lauterer / Mor. museum, Brno [p] // Paratypus ♂ / *Craspedolepta / campestris* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

PARATYPE (♂): ‘Mor.mer.19.5.1983 / Horní Věstonice, 7/83 / Kotelná, 300–480 m / lgt. P. Lauterer [p] // Ex.Senecio integrifo- / lius ssp.campestris / (Retz.)Brig.Cavill. // Collectio / P. Lauterer / Mor. museum, Brno [p] // Paratypus ♂ / *Craspedolepta / campestris* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

PARATYPES (2 ♀♀): ‘Mor.mer.19.5.1983 / Horní Věstonice, 7/83 / Kotelná, 300–480 m / lgt. P. Lauterer [p] // Ex.Senecio integrifo- / lius ssp.campestris / (Retz.)Brig.Cavill. // Collectio / P. Lauterer / Mor. museum, Brno [p] // Paratypus ♀ / *Craspedolepta / campestris* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

Current status. Valid species (OUVRARD 2016).

***Craspedolepta crispata* Lauterer & Burckhardt, 2004**

Craspedolepta campestris Lauterer & Burckhardt, 2004: 262–268, Figs 5, 6, 17, 26, 31, 37, 42, 47, 52, 56, 60, 62 (original description).

Four paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘18/01, CZ, Moravia occ. / gr.6461, Žďár.n.Sáz., 2km SE / ponds Velká Strana-Dolní / Moravský, swamp, Senec. / rivulare, 585m / P. Lauterer leg. / 21.v.2001 [p] // Paratypus ♂ / *Craspedolepta / crispata* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

PARATYPE (♀): ‘18/01, CZ, Moravia occ. / gr.6461, Žďár.n.Sáz., 2km SE / ponds Velká Strana-Dolní / Moravský, swamp, Senec. / rivulare, 585m / P. Lauterer leg. / 21.v.2001 [p] // Paratypus ♀ / *Craspedolepta / crispata* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

PARATYPE (♂): ‘19/01, CZ, Bohemia or. / gr.6262, Svatka, swamps / 1 km WSW, Senec. rivulare, / Lauterer leg. / 22.v.2001,630m [p] // Paratypus ♂ / *Craspedolepta / crispata* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

PARATYPE (♀): ‘19/01, CZ, Bohemia or. / gr.6262, Svatka, swamps / 1 km WSW, Senec. rivulare, / Lauterer leg. / 22.v.2001,630m [p] // Paratypus ♀ / *Craspedolepta / crispata* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

PARATYPE (♂): ‘18/01, CZ, Moravia occ. / gr.6461, Žďár.n.Sáz., 2km SE / ponds Velká Strana-Dolní / Moravský, swamp, Senec. / rivulare, 585m / P. Lauterer leg. / 21.v.2001 [p] // Paratypus ♂ / *Craspedolepta / crispata* sp.n. / Lauterer & Burckhardt, 2004 / P. Lauterer det. 2003 [p, red label]’.

Current status. Valid species (OUVRARD 2016).

***Craspedolepta remaudieri* Burckhardt & Lauterer, 1993**

Craspedolepta remaudieri Burckhardt & Lauterer, 1993: 838, 847, Figs 54, 56–59 (key, original description).

The holotype is deposited in NMPC (slide mounted in Canada balsam):

HOLOTYPE (♂): ‘C Iran, 2800 m / Lajehzar / 24-30. 5. 1977 [p] // Loc. no. 347 / Exp. Nat. Mus. / Praha [p] // Holo- / typus [p] / 110 124 [hw, red label] // *Craspedolepta / remaudieri* / sp.n. / holotype ♂ / det. D. Burckhardt / ‘92 / P3604 [hw]’.

Current status. Valid species (OUVRARD 2016).

Subfamily Rhinocolinae Vondráček, 1957

***Agonoscena pistaciae* Burckhardt & Lauterer, 1989**

Agonoscena pistaciae Burckhardt & Lauterer, 1989: 654, 695–696, Figs 96, 104, 112, 120, 128, 136, 144, 192 (key, original description).

Four paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPES (2 ♂♂): ‘C Iran / Rafsanjan / 22. 3. 1973 [p] // Loc. no. 131 / Exp. Nat. Mus. / Praha [p] // Paratypus [p, yellow label] // *Agonoscena / pistaciae* sp.n. / paratype ♂ [hw] / Det. D. Burckhardt [p] / '87 [hw]’.

PARATYPES (2 ♀♀): ‘C Iran / Rafsanjan / 22. 3. 1973 [p] // Loc. no. 131 / Exp. Nat. Mus. / Praha [p] // Paratypus [p, yellow label] // *Agonoscena / pistaciae* sp.n. / paratype ♀ [hw] / Det. D. Burckhardt [p] / '87 [hw]’.

Current status. Valid species (OUVRARD 2016).

***Megagonoscena gallicola* Burckhardt & Lauterer, 1989**

Megagonoscena gallicola Burckhardt & Lauterer, 1989: 652, 700–701, Figs 35–37, 39, 41–45, 180, 186, 217, 218 (key, original description).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

PARATYPE (♂): ‘Bulgaria mer. occ. Gara / Kresna-Kresnanska Chancia / 230–330 m, Pistacia tere- / binthus, 31. V. 1976 / coll. R. Janiček [p] // PARATYPUS ♂ // *Megagonoscena / gallicola* sp.n. / D. Burckhardt + / P. Lauterer det, 1989 [p] // Para- / typus [p, red label] // dar P. Lauterer [hw]’.

PARATYPE (♀): ‘Bulgaria mer. occ. Gara / Kresna-Kresnanska Chancia / 230–330 m, Pistacia tere- / binthus, 31. V. 1976 / coll. R. Janiček [p] // PARATYPUS ♀ // *Megagonoscena / gallicola* sp.n. / D. Burckhardt + / P. Lauterer det, 1989 [p] // Para- / typus [p, red label]’.

Current status. Valid species (OUVRARD 2016).

Family HOMOTOMIDAE Heslop-Harrison, 1958

Subfamily Homotominae Heslop-Harrison, 1958

***Homotoma caroliquarti* Burckhardt & Lauterer, 1993**

Homotoma caroliquarti Burckhardt & Lauterer, 1993: 865–866, Figs 86–88, 90–94 (original description, key).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

PARATYPE (♂): ‘J. Klapperich / Bashgultal 1100 m / Nuristan 17.4.53/ Afghanistan [p] // Paratypus [p] / *Homotoma ♂ / caroliquarti* sp.n. / Burckhardt + Lauterer / Lauterer [hw, pencil] det. 19[p]92[p, red label]’.

PARATYPE (♀): ‘J. Klapperich / Bashgultal 1100 m / Nuristan 17.4.53/ Afghanistan [p] // Paratypus [p] / *Homotoma ♀ / caroliquarti* sp.n. / Burckhardt + Lauterer / Lauterer [hw, pencil] det. 19[p]92[p, red label]’.

Current status. Valid species (OUVRARD 2016).

Family LIVIIDAE Löw, 1879

Subfamily Euphyllurinae Crawford, 1914

***Diaphorina caliginosa* Malenovský & Burckhardt, 2014**

Diaphorina caliginosa Malenovský & Burckhardt, 2014: 31–37, 56, Figs 18–22, 27–38 (original description, key).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

PARATYPE (♂): ‘YEMEN, SOCOTRA island / Hagher Mts., Scand Mt. env. / 12°34.6′N, 54°01.5′E, 1450 m / montane evergreen woodland / 16.-18.vi.2012 [p] // on *Carissa spinarum* / I. Malenovský leg. [p] // PARATYPUS / *Diaphorina* ♂ / *caliginosa* sp. nov. / det. I. Malenovský & / D. Burckhardt 2014 [p, red label]’.

PARATYPE (♀): ‘YEMEN, SOCOTRA island / Hagher Mts., Scand Mt. env. / 12°34.6′N, 54°01.5′E, 1450 m / montane evergreen woodland / 16.-18.vi.2012 [p] // on *Carissa spinarum* / I. Malenovský leg. [p] // PARATYPUS / *Diaphorina* ♀ / *caliginosa* sp. nov. / det. I. Malenovský & / D. Burckhardt 2014 [p, red label]’.

Current status. Valid species.

***Diaphorina enormis* Loginova, 1978**

Diaphorina enormis Loginova, 1978b: 61–62, Figs 39–58 (original description).

Forty-one paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘S Iran, 12 km / NW Minab / 18.-19. 5. 1973 [p] // Loc. no. 202 / Exp. Nat. Mus. / Praha [p] // *Diaphorina* ♂ / *enormis* Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 124; hw, orange label’.

PARATYPES (15 ♂♂): ‘S Iran, 12 km / NW Minab / 18.-19. 5. 1973 [p] // Loc. no. 202 / Exp. Nat. Mus. / Praha [p] // *Diaphorina* / *enormis* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 119–19 134 [respectively; hw, orange label]’.

PARATYPE (♀): ‘S Iran, 12 km / NW Minab / 18.-19. 5. 1973 [p] // Loc. no. 202 / Exp. Nat. Mus. / Praha [p] // *Diaphorina* ♀ / *enormis* Log. [hw] / Loginova det. 197[p]5[hw] // *Diaphorina* / *enormis* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

PARATYPES (4 ♀♀): ‘S Iran, 12 km / NW Minab / 18.-19. 5. 1973 [p] // Loc. no. 202 / Exp. Nat. Mus. / Praha [p] // *Diaphorina* / *enormis* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 135–19 137, 19 142 [respectively; hw, orange label]’.

PARATYPES (20 ♀♀): ‘S Iran, 12 km / NW Minab / 18.-19. 5. 1973 [p] // Loc. no. 202 / Exp. Nat. Mus. / Praha [p] // *Diaphorina* / *enormis* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

Current status. Valid species (OUVRARD 2016).

Remarks. The following specimen is also labelled as a paratype but was not included in the type series in the original publication:

(1 ♀): ‘SE Iran, 11-12. 4. 73 / Ghasemabad, 10 km / Bampur (vall) [p] // Loc. no. 157 / Exp. Nat. Mus. / Praha [p] // *Diaphorina* / *enormis* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

***Diaphorina kopetdagi* Loginova, 1978**

Diaphorina kopetdagi Loginova, 1978b: 40–42, Figs 13–14, 25 (original description).

Sixty-three paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPES (2 ♂♂): ‘E Iran, 70 km NW / Bam, Khatunabad / 25. 4. 1973 [p] // Loc. no. 179 / Exp. Nat. Mus. / Praha [p] // *Diaphorina* / *kopetdagi* Log. [hw] / Loginova det. 197[p]5[hw] // *Diaphorina* / *kopetdagi* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 146–19 147 [respectively; hw, orange label]’.

PARATYPES (30 ♂♂): ‘E Iran, 70 km NW / Bam, Khatunabad / 25. 4. 1973 [p] // Loc. no. 179 / Exp. Nat. Mus. / Praha [p] // Diaphorina / kopetdaghi / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 138–19 162 [respectively; hw, orange label]’.

PARATYPE (♂): ‘E Iran, 70 km NW / Bam, Khatunabad / 25. 4. 1973 [p] // Loc. no. 179 / Exp. Nat. Mus. / Praha [p] // Diaphorina / kopetdaghi / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

PARATYPES (29 ♀♀): ‘E Iran, 70 km NW / Bam, Khatunabad / 25. 4. 1973 [p] // Loc. no. 179 / Exp. Nat. Mus. / Praha [p] // Diaphorina / kopetdaghi / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

Current status. Junior synonym of *Diaphorina zygophylli* Loginova, 1978 according to BURCKHARDT & LAUTERER (1993) and OUVARD (2016).

Diaphorina luteola Loginova, 1978

Diaphorina luteola Loginova, 1978b: 69–70, Figs 52, 64 (original description).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

PARATYPE (♀): ‘12. 4. 1973 / SE Iran / Iranshahr [p] // Loc. no. 158 / Exp. Nat. Mus. / Praha [p] // Diaphorina ♀ / luteola Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.

PARATYPE (♀): ‘SE Iran / Tis / 6-7. 4. 1973 [p] // Loc. no. 150 / Exp. Nat. Mus. / Praha [p] // Diaphorina / ♀ luteola Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.

Current status. Valid species (OUVRARD 2016).

Diaphorina salvadorae Loginova, 1978

Diaphorina salvadorae Loginova, 1978: 71–72, Figs 47, 65 (original description).

Three paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘Akrounda / CYPRUS 800ft [hw] // Mavromousta- / kis lgt. [hw] // Diaphorina ♂ / salvadorae Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.

PARATYPES (2 ♂♂): ‘Transcriptio [p] / Akrounda / CYPRUS 800ft / Mavromoustakis lgt. [hw] // Diaphorina ♂ / salvadorae / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

Current status. Junior synonym of *Diaphorina aegyptiaca* Puton, 1892 according to BURCKHARDT (1984) and OUVARD (2016).

Diaphorina tamaricis Loginova, 1978

Diaphorina tamaricis Loginova, 1978b: 34–35, Figs 7, 21 (original description).

Twenty-one paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘N Iran, 1700 m / Tehran-Evin, garden / 13. 3. 1973 [p] // Loc. no. 124 / Exp. Mus. Nat. / Praha [p] // Diaphorina ♂ / tamaricis Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.

PARATYPE (♀): ‘N Iran, 1700 m / Tehran-Evin, garden / 13. 3. 1973 [p] // Loc. no. 124 / Exp. Mus. Nat. / Praha [p] // Diaphorina ♀ / tamaricis Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.

PARATYPES (3 ♂♂): ‘N Iran, 1700 m / Tehran-Evin, garden / 13. 3. 1973 [p] // Loc. no. 124 / Exp. Mus. Nat. / Praha [p] // Diaphorina ♂ / tamaricis / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

PARATYPES (8 ♂♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Mus. Nat. / Praha [p] // Diaphorina ♂ / tamaricis / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

PARATYPE (♀): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Mus. Nat. / Praha [p] // Diaphorina ♂ / tamaricis Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.

PARATYPES (7 ♀♀): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Mus. Nat. / Praha [p] // Diaphorina ♀ / tamaricis / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.

Currents status. Valid species (OUVRARD 2016).

Family PHACOPTERONIDAE Heslop-Harrison, 1958

***Pseudophacopteron longicaudatum* Malenovský, Burckhardt,
Queiroz, Isaias & Oliveira, 2015**

Pseudophacopteron longicaudatum Malenovský et al., 2015: 524–530, Figs 2, 4, 6, 8, 11, 17–19, 22, 24, 26, 28, 36–40 (original description).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

PARATYPE (♂): ‘BRAZIL, Minas Gerais, Uberlândia, 8 km S / Res. Ecol. do Clube Caça e Pesca Itororó / approx. 18°59′50″S, 48°18′15″W, 855 m / inducing galls on *Aspidosperma tomentosum* / July 2013, Denis C. Oliveira leg. [p] // PARATYPUS ♂ / *Pseudophacopteron longicaudatum* sp. nov. / det. I. Malenovský et al. / 2015 [p, red label]’.

PARATYPE (♀): ‘BRAZIL, Minas Gerais, Uberlândia, 8 km S / Res. Ecol. do Clube Caça e Pesca Itororó / approx. 18°59′50″S, 48°18′15″W, 855 m / inducing galls on *Aspidosperma tomentosum* / July 2013, Denis C. Oliveira leg. [p] // PARATYPUS ♀ / *Pseudophacopteron longicaudatum* sp. nov. / det. I. Malenovský et al. / 2015 [p, red label]’.

Current status. Valid species.

Family PSYLLIDAE Latreille, 1807

Subfamily Psyllinae Latreille, 1807

***Cacopsylla tatrica* Lauterer & Burckhardt, 1994**

Cacopsylla tatrica Lauterer & Burckhardt, 1994: 73–74, Figs 2, 3, 5, 6–9, 14 (original description).

Four paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘Slov.Belanské Tatry / Belanská kopa 95/67 / 12.9.1967 1.700m / Igt.Pavel Lauterer [p] // Collectio P. Lauterer / Mor. museum, Brno // *Cacopsylla* ♂ / *tatrica* sp.n. / PARATYPUS 1994 / Lauterer & Burckhardt [p] // Para- / typus [p, red label]’.

PARATYPE (♀): ‘Slov.Belanské Tatry / Belanská kopa 95/67 / 12.9.1967 1.700m / Igt.Pavel Lauterer [p] // Collectio P. Lauterer / Mor. museum, Brno // *Cacopsylla* ♀ / *tatrica* sp.n. / PARATYPUS 1994 / Lauterer & Burckhardt [p] // Para- / typus [p, red label]’.

PARATYPE (♂): ‘Slovakia bor.1800 m / Belan. Tatry, Bujačí / vrch 8.IX.1957 / leg. A. Hoffer [p] // Collectio P. Lauterer / Mor. museum, Brno // *Cacopsylla* ♂ / *tatrica* sp.n. / PARATYPUS 1994 / Lauterer & Burckhardt [p] // Para- / typus [p, red label]’.

PARATYPE (♂): ‘Slovakia bor.Belanské / Tatry,Bujačí vrch,1800 / m,9.9.1967,Pinus mugo / Igt. P. Lauterer [p] // Collectio P. Lauterer / Mor. museum, Brno // *Cacopsylla* ♂ / *tatrica* sp.n. / PARATYPUS 1994 / Lauterer & Burckhardt [p] // Para- / typus [p, red label]’.

Current status. Valid species (OUVRARD 2016).

Cyamophila odontopyx* Loginova, 1978Cyamophila odontopyx* Loginova, 1978b: 86–88, Fig. 84 (original description).

89 paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

- PARATYPE (♂): ‘NW Iran / Qazvin / 24. 6. 70 [p] // Loc. no. 29 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (2 ♀♀): ‘NW Iran / Qazvin / 24. 6. 70 [p] // Loc. no. 29 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (10 ♂♂): ‘SW Iran / Shiraz (north) / 4. 7. 70 [p] // Loc. no. 42 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (6 ♀♀): ‘SW Iran / Shiraz (north) / 4. 7. 70 [p] // Loc. no. 42 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘SW Iran / Shiraz (west) / 4. 7. 70 [p] // Loc. no. 43 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (13 ♂♂): ‘SW Iran / Shiraz (west) / 4. 7. 70 [p] // Loc. no. 43 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (10 ♀♀): ‘SW Iran / Shiraz (west) / 4. 7. 70 [p] // Loc. no. 43 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘S Iran / Fasa / 9. 7. 70 [p] // Loc. no. 50 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (3 ♀♀): ‘S Iran / Fasa / 9. 7. 70 [p] // Loc. no. 50 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (2 ♀♀): ‘N Iran, 1700 m / Tehran-Evin, garden / 13. 3. 1973 [p] // Loc. no. 124 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘E Iran, Deh Bakri / 1700-1750 m / 30. 4.-3. 5. 1973 [p] // Loc. no. 126 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘E Iran / Rafsanjan / 26-28. 4. 1973 [p] // Loc. no. 181 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (30 ♂♂): ‘E Iran / Rafsanjan / 26-28. 4. 1973 [p] // Loc. no. 181 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (38 ♀♀): ‘E Iran / Rafsanjan / 26-28. 4. 1973 [p] // Loc. no. 181 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘E Iran, 1100m / 13 km W Sabzvaran / 6-7. 5. 1973 [p] // Loc. no. 189 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (7 ♀♀): ‘E Iran, 1100m / 13 km W Sabzvaran / 6-7. 5. 1973 [p] // Loc. no. 189 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘S Iran / Mian Jangal / 30. 5.-5. 6. 1973 [p] // Loc. no. 223 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (21 ♂♂): ‘S Iran / Mian Jangal / 30. 5.-5. 6. 1973 [p] // Loc. no. 223 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♂ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (35 ♂♂): ‘S Iran / Mian Jangal / 30. 5.-5. 6. 1973 [p] // Loc. no. 223 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 081–19 117 [respectively; hw, orange label]’.
- PARATYPES (2 ♂♂): ‘S Iran / Mian Jangal / 30. 5.-5. 6. 1973 [p] // Loc. no. 223 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 106–19 107 [respectively; hw, orange label]’.
- PARATYPE (♀): ‘S Iran / Mian Jangal / 30. 5.-5. 6. 1973 [p] // Loc. no. 223 / Exp. Mus. Nat. / Praha [p] // *Cyamophila* ♀ / *odontopyx* Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (37 ♀♀): ‘S Iran / Mian Jangal / 30. 5.-5. 6. 1973 [p] // Loc. no. 223 / Exp. Mus. Nat. / Praha [p] // *Cya-*

- mophila ♀ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 255–19 291 [respectively; hw, orange label]’.
- PARATYPE (♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♂ / odontopyx Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (12 ♂♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♂ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (21 ♀♀): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♀ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘S Iran, 7 km / NW Kuhengan / 5. 6. 1973 [p] // Loc. no. 226 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♂ / odontopyx Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPE (♀): ‘S Iran, 7 km / NW Kuhengan / 5. 6. 1973 [p] // Loc. no. 226 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♀ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘S Iran, 10 km / W Shiraz / 8. 6. 1973 [p] // Loc. no. 228 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♂ / odontopyx Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (4 ♂♂): ‘S Iran, 10 km / W Shiraz / 8. 6. 1973 [p] // Loc. no. 228 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♂ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♀): ‘S Iran, 10 km / W Shiraz / 8. 6. 1973 [p] // Loc. no. 228 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♀ / odontopyx Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPE (♀): ‘S Iran, 10 km / W Shiraz / 8. 6. 1973 [p] // Loc. no. 228 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♀ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘S Iran, 29 km / E Yasuj, 2300 m / 16-17. 6. 1973 [p] // Loc. no. 245 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♂ / odontopyx Log [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label] // Mus. Nat. Pragae / Inv. [p] 19 292 [hw, orange label]’.
- PARATYPES (2 ♂♂): ‘S Iran, 29 km / E Yasuj, 2300 m / 16-17. 6. 1973 [p] // Loc. no. 245 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♂ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (5 ♀♀): ‘S Iran, 29 km / E Yasuj, 2300 m / 16-17. 6. 1973 [p] // Loc. no. 245 / Exp. Mus. Nat. / Praha [p] // Cyamophila ♀ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (2 ♂♂): ‘Shaklawa / Kurdistan pers. / Dr. Kalalova-Di Lotti [p] // Cyamophila ♂ / odontopyx Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.
- PARATYPES (3 ♂♂): ‘Shaklawa / Kurdistan pers. / Dr. Kalalova-Di Lotti [p] // Cyamophila ♂ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPES (10 ♀♀): ‘Shaklawa / Kurdistan pers. / Dr. Kalalova-Di Lotti [p] // Cyamophila ♀ / odontopyx / sp. n. Loginova / M.M.Loginova det. 1975 [p] // Para- / typus [p, red label]’.
- PARATYPE (♂): ‘Budawa Erbil / Kurdistan VI. / Dr. Kálalová 31 [hw] // Cyamophila ♂ / odontopyx Log. [hw] / Loginova det. 197[p]5[hw] // Para- / typus [p, red label]’.

Current status. Junior synonym of *Cyamophila glycyrrhizae* (Becker, 1874) according to HODKINSON & HOLLIS (1987).

Spanioneura persica Burckhardt & Lauterer, 1993

Spanioneura persica Burckhardt & Lauterer, 1993: 859, 864–865, Figs 75, 77, 78, 80, 82, 84, 85 (key, original description).

The holotype and seven paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

HOLOTYPE (♂): ‘Holotypus [red label] // S Iran, Zagros / Yasuj / 16. 6. 1973 [p] // Loc. no. 243 / Exp. Nat. Mus. / Praha [p] // *Spanioneura / persica* sp. n. / holotype ♂ [hw] / det. D. Burckhardt [p] + Lauterer '92 [hw] // Mus. Nat. Pragae [p] / 110 028 [hw] / Inv. [p, red label]’.

- PARATYPE (♀): 'S Iran, Zagros / Yasuj / 16. 6. 1973 [p] // Loc. no. 243 / Exp. Nat. Mus. / Praha [p] // Paratypus [yellow label] // *Spanioneura* ♀ / persica sp.n. / paratype [hw] / det. D. Burckhardt [p] + Lauterer '92 [hw] // Mus. Nat. Pragae [p] / 110 029 [hw] / Inv. [p, red label]'.
- PARATYPE (♂): 'S Iran, Zagros / Yasuj / 16. 6. 1973 [p] // Loc. no. 243 / Exp. Nat. Mus. / Praha [p] // Paratypus [yellow label] // *Spanioneura* ♂ / persica sp.n. / paratype [hw] / det. D. Burckhardt [p] + Lauterer '92 [hw]'.
- PARATYPE (♀): 'S Iran, Zagros / Yasuj / 16. 6. 1973 [p] // Loc. no. 243 / Exp. Nat. Mus. / Praha [p] // ♀ [hw] // Paratypus [yellow label] // *Spanioneura* ♀ / persica sp.n. / paratype [hw] / det. D. Burckhardt [p] + Lauterer '92 [hw]'.
- PARATYPE (♂): 'C. Iran, 2850 m / Qanat Marvan / 22-24. 5. 1977 [p] // Loc. no. 345 / Exped Nat Mus / Praha [p] // Paratypus [yellow label] // *Spanioneura* ♂ / persica sp.n. / paratype [hw] / det. D. Burckhardt [p] + Lauterer '92 [hw] // Mus. Nat. Pragae [p] / 110 030 [hw] / Inv. [p, red label]'.
- PARATYPE (♀): 'Loc. no. 186 / Exp. Mus. Nat. / Praha [p] // E Iran, Deh Bakri / 7700-1750 m / 30. 4.-3. 5. 1973 [p] // prope / *Spanioneura* / sensu Loginova [hw] // Paratypus [yellow label] // *Spanioneura* ♀ / persica sp.n. / paratype [hw] / det. D. Burckhardt [p] + Lauterer '92 [hw] // Mus. Nat. Pragae [p] / 110 030 [hw] / Inv. [p, red label]'.
- PARATYPES (2 ♀♀): 'E Iran, Deh Bakri / 7700-1750 m / 30. 4.-3. 5. 1973 [p] // Loc. no. 186 / Exp. Mus. Nat. / Praha [p] // Paratypus [yellow label] // *Spanioneura* ♀ / persica sp.n. / paratype [hw] / det. D. Burckhardt [p] + Lauterer '92 [hw]'.

Current status. Valid species (OUVRARD 2016).

Family TRIOZIDAE Löw, 1879

Egeirotrioza corporosa Burckhardt & Lauterer, 1993

Egeirotrioza corporosa Burckhardt & Lauterer, 1993: 867, 872–873, Figs 95, 98, 102, 103, 107, 111, 115, 116 (key, original description).

The holotype and 42 paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

- HOLOTYPE (♂): 'S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* / corporosa / Log. [hw, red ink] // *Egeirotrioza* ♂ / corporosa sp.n. / holotype / det. D. Burckhardt '92 [p, pink label] // Mus. Nat. Pragae [p] / 110 017 [hw] / Inv. [p, red label]'.
- PARATYPES (8 ♂♂): 'S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / corporosa sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label]'.
- PARATYPE (♀): 'S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // ♀ [hw, blue ink] // *Egeirotrioza* ♀ / corporosa sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label] // Mus. Nat. Pragae [p] / 110 018 [hw] / Inv. [p, red label]'.
- PARATYPES (28 ♀♀): 'S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♀ / corporosa sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label]'.
- PARATYPE (♂): 'N Iran, 1700 m / Tehran-Evin, garden / 13. 3. 1973 [p] // Loc. no. 124 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / corporosa sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label] // Mus. Nat. Pragae [p] / 110 019 [hw] / Inv. [p, red label]'.
- PARATYPE (♂): 'N Iran, 1700 m / Tehran-Evin, garden / 13. 3. 1973 [p] // Loc. no. 124 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / corporosa sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label]'.
- PARATYPES (2 ♀♀): 'N Iran, 1700 m / Tehran-Evin, garden / 13. 3. 1973 [p] // Loc. no. 124 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♀ / corporosa sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label]'.
- PARATYPE (♀): 'SW. Iran / Shushtar / 13. 4. 1977 [p] // Loc. no. 287 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♀ / corporosa sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label] // Mus. Nat. Pragae [p] / 110 020 [hw] / Inv. [p, red label]'.

Current status. Valid species (OUVRARD 2016).

***Egeirotrioza gemina* Burckhardt & Lauterer, 1993**

Egeirotrioza gemina Burckhardt & Lauterer, 1993: 867, 873–874, Figs 96, 100, 105, 109, 113, 118, 119 (key, original description).

The holotype and four paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

HOLOTYPE (♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / *gemina* sp.n. / holotype / det. D. Burckhardt '92 [p, pink label] // *Egeirotrioza* / *gemina* Log. / sp.n. [hw, red ink] // Mus. Nat. Pragae [p] / 110 021 [hw] / Inv. [p, red label]’.

PARATYPE (♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / *gemina* sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label] // Mus. Nat. Pragae [p] / 110 022 [hw] / Inv. [p, red label]’.

PARATYPE (♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / *gemina* sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label]’.

PARATYPES (2 ♀♀): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♀ / *gemina* sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label] // Mus. Nat. Pragae [p] / 110 023–110 024 [hw] / Inv. [respectively; p, red label]’.

Current status. Valid species (OUVRARD 2016).

***Egeirotrioza justa* Burckhardt & Lauterer, 1993**

Egeirotrioza justa Burckhardt & Lauterer, 1993: 867, 874–875, Figs 97, 101, 106, 110, 114, 120, 121 (key, original description).

The holotype and two paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

HOLOTYPE (♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / *justa* sp.n. / holotype / det. D. Burckhardt '92 [p, pink label] // *Egeirotrioza* / *justa* Log. / sp.n. [hw, red ink] // Mus. Nat. Pragae [p] / 110 025 [hw] / Inv. [p, red label]’.

PARATYPE (♂): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* ♂ / *justa* sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label] // Mus. Nat. Pragae [p] / 110 026 [hw] / Inv. [p, red label]’.

PARATYPE (damaged specimen lacking head, abdomen and wings except for one detached forewing): ‘S Iran, 15 km / NW Mian Jangal / 5. 6. 1973 [p] // Loc. no. 224 / Exp. Nat. Mus. / Praha [p] // *Egeirotrioza* / *justa* sp.n. / paratype / det. D. Burckhardt '92 [p, yellow label] // Mus. Nat. Pragae [p] / 110 027 [hw] / Inv. [p, red label]’.

Current status. Valid species (OUVRARD 2016).

***Pauropsylla jarmilarum* Malenovský & Burckhardt, 2014**

Pauropsylla jarmilarum Malenovský & Burckhardt, 2014: 48–55, Figs 74–76, 78–94 (original description, key).

One paratype is deposited in NMPC (dry mounted, glued on point card label):

PARATYPE (♂): ‘YEMEN, SOCOTRA island / Kazazhan area 10.vi.2012 / 12°33.8'N, 54°19.8'E, 540 m / shrubland on limestone [p] // on *Ficus vasta* / I. Malenovský leg. [p] // PARATYPUS ♂ / *Pauropsylla* / *jarmilarum* sp. nov. / det. I. Malenovský & / D. Burckhardt 2014 [p, red label]’.

Current status. Valid species.

***Trioza drosopouli* Burckhardt & Lauterer, 2006**

Trioza drosopouli Burckhardt & Lauterer, 2006: 276, 280, Figs 2, 8–10, 24, 30 (key, original description).

One paratype is deposited in NMPC (dry mounted, glued on point card label):

PARATYPE (♀): ‘Gr1/95; Graecia or; Attiki/Tatoi (nw Athens); 200m/clearing & Pinus wood; / P. Lauterer leg.; 7.v.1995 [p] // PARATYPUS / *Trioza* / *drosopouli* sp.n. ♀ / D. Burckhardt & / P. Lauterer det. 2004 [p, yellow label]’.

Current status. Valid species (OUVRARD 2016).

***Trioza laserpitii* Burckhardt & Lauterer, 1982**

Trioza laserpitii Burckhardt & Lauterer, 1982: 145–153, Figs 1–25 (original description).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

PARATYPE (♂): ‘Slovakia bor. 13.6.1982 / Ružomberok, Malinô Brdo / 1010m, Laserpitium lati- / folium, nad lanovkou / Lauterer + Janiček 10L [p] // PARATYPUS ♂ / *Trioza* / *laserpitii* sp.n. / D. Burckhardt & P. / Lauterer det. 1982 [p, red label] // Para- / typus. [p, red label]’.

PARATYPE (♀): ‘Slovakia bor. 12.6.1982 / Valaská Dubová - Velký / Choč, Laserpitium lati- / folium, 800 – 900 m 9L / Lauterer + Janiček leg. [p] // PARATYPUS ♀ / *Trioza* / *laserpitii* sp.n. / D. Burckhardt & P. / Lauterer det. 1982 [p] // Para- / typus. [p, red label]’.

Current status. Valid species (BURCKHARDT 1986, OUVRARD 2016).

***Trioza neglecta* Loginova, 1978**

Trioza neglecta Loginova, 1978b: 113–117, Fig. 99 (original description).

Four paratypes are deposited in NMPC (all dry mounted, glued on point card labels):

PARATYPE (♂): ‘NW Iran / Naku / 19-2. 6. 1970 [p] // Loc. no. 25 / Exp. Nat. Mus. / Praha [p] // Paratypus [p] *Trioza* / *neglecta* / Loginova [hw, red label] // ♂ [hw, blue ink] // *Trioza* / *neglecta* / Log. Paratypes [hw, red ink]’.

PARATYPES (2 ♂♂): ‘NW Iran / Naku / 19-2. 6. 1970 [p] // Loc. no. 25 / Exp. Nat. Mus. / Praha [p] // Paratypus [p] *Trioza* / *neglecta* / Loginova [hw, red label]’.

PARATYPE (♀): ‘Turkey, C. Anat. / Ürgüp [p] / 15. 6. 1970 // Loc. no. 6 / Exp. Nat. Mus. / Praha [p] // Paratypus [p] *Trioza* / *neglecta* / Loginova [hw, red label] / ♀ [hw, blue ink]’.

Current status. Valid species (OUVRARD 2016).

***Trioza tripteridis* Burckhardt, Conci, Lauterer & Tamanini, 1991**

Trioza tripteridis Burckhardt et al., 1991: 165–174, Figs 1–26 (original description).

Two paratypes are deposited in NMPC (both dry mounted, glued on point card labels):

PARATYPE (♂): ‘Slovakia bor. 12.6.1982 / Valaská Dubová - Velký / Choč, Valeriana tripte- / ris, 900 – 1100 m 9L / Lauterer + Janiček leg. [p] // PARATYPUS ♂ / *Trioza* / *tripteridis* sp.n. / P. Lauterer det. 1989 [p] // Para- / typus [p, red label]’.

PARATYPE (♀): ‘Slovakia bor. 12.6.1982 / Valaská Dubová - Velký / Choč, Valeriana tripte- / ris, 900 – 1100 m 9L / Lauterer + Janiček leg. [p] // PARATYPUS ♀ / *Trioza* / *tripteridis* sp.n. / P. Lauterer det. 1989 [p] // Para- / typus [p, red label]’.

Current status. Valid species (OUVRARD 2016).

References

- BATELKA J. & HÁJEK J. 2015: Catalogue of type specimens of beetles (Coleoptera) deposited in the National Museum, Prague, Czech Republic. Meloidae and Ripiphoridae. *Acta Entomologica Musei Nationalis Pragae* **55**: 825–858.
- BEZDĚK A. & HÁJEK J. 2009: Catalogue of type specimens of beetles (Coleoptera) deposited in the National Museum, Prague, Czech Republic. Scarabaeoidea: Bolboceratidae, Geotrupidae, Glaphyridae, Hybosoridae, Ochodaeidae and Trogidae. *Acta Entomologica Musei Nationalis Pragae* **49**: 297–332.
- BEZDĚK A. & HÁJEK J. 2013: Catalogue of type specimens of beetles (Coleoptera) deposited in the National Museum, Prague, Czech Republic. Scarabaeidae: Scarabaeinae: Onitini, Onthophagini, Phanaeini, Scarabaeini and Sisyphini. *Acta Entomologica Musei Nationalis Pragae* **53**: 387–442.
- BURCKHARDT D. 1984: The Mediterranean species of *Diaphorina* Loew (Homoptera, Psylloidea). *Phytophaga* **2**: 1–30.
- BURCKHARDT D. 1986: Taxonomy and host plant relationships of the *Trioza apicalis* Förster complex (Hemiptera, Homoptera: Triozidae). *Entomologica Scandinavica* **16**: 415–432.
- BURCKHARDT D., CONCI C., LAUTERER P. & TAMANINI L. 1991: Taxonomy and biology of *Trioza tripteridis* sp. n., on *Valeriana* spp. (Homoptera Psylloidea). *Bollettino della Società Entomologica Italiana* **122**: 165–174.
- BURCKHARDT D. & LAUTERER P. 1982: *Trioza laserpitii* sp. n., a new central European psyllid (Homoptera, Psylloidea). *Reichenbachia* **20**: 145–153.
- BURCKHARDT D. & LAUTERER P. 1989: Systematics and biology of the Rhinocolinae (Homoptera: Psylloidea). *Journal of Natural History* **23**: 643–712.
- BURCKHARDT D. & LAUTERER P. 1993: The jumping plant-lice of Iran (Homoptera, Psylloidea). *Revue Suisse de Zoologie* **100**: 829–898.
- BURCKHARDT D. & LAUTERER P. 1997: Systematics and biology of the *Aphalara exilis* (Weber & Mohr) species assemblage (Hemiptera: Psyllidae). *Entomologica Scandinavica* **28**: 271–305.
- BURCKHARDT D. & LAUTERER P. 2006: The Palaearctic triozids associated with Rubiaceae (Hemiptera, Psylloidea): a taxonomic re-evaluation of the *Trioza galii* Foerster complex. *Revue Suisse de Zoologie* **113**: 269–286.
- BURCKHARDT D. & OUVREARD D. 2012: A revised classification of the jumping plant-lice (Hemiptera: Psylloidea). *Zootaxa* **3509**: 1–34.
- DANZIG E. M. 1980: K nomenklature i sinonimike nekotorykh vidov koktsid i aleyrodid (Homoptera: Coccinea, Aleyrodinea). (On the nomenclature and synonymy of several species of scale insects and white flies (Homoptera: Coccinea, Aleyrodinea)). *Entomologicheskoe Obozrenie* **59**: 594–596 (in Russian, English abstract). [English translation in *Entomological Review* **59**: 73–74].
- GARCÍA M., DENNO B., MILLER D. R., MILLER G. L., BEN-DOV Y. & HARDY N. B. 2015: *SCALENET: A Literature-based model of scale insect biology and systematics*. Available online: <http://scalenet.info> (accessed on 2 July 2015).
- HODKINSON I. D. & HOLLIS D. 1987: The legume-feeding psyllids (Homoptera) of the west Palaearctic Region. *Bulletin of the British Museum (Natural History), Entomology* **56**: 1–86.
- INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE (ICZN) 1999: *International Code of Zoological Nomenclature, Fourth Edition*. International Trust for Zoological Nomenclature, London, 306 pp.
- KMENT P. & KOLÍNOVÁ Z. 2013: Catalogue of type specimens of true bugs (Hemiptera: Heteroptera) deposited in the National Museum, Prague, Czech Republic. Enicocephalomorpha, Dipsocoromorpha, Nepomorpha, Gerromorpha, and Leptopodomorpha. *Acta Entomologica Musei Nationalis Pragae* **53**: 821–890.
- KMENT P., KOLÍNOVÁ Z. & HEISS E. 2015: Catalogue of type specimens of true bugs (Hemiptera: Heteroptera) deposited in the National Museum, Prague, Czech Republic. Pentatomomorpha: Aradidae. *Acta Entomologica Musei Nationalis Pragae* **55**: 411–443.
- KOLEŠKA Z. 1980: Seznam biografí československých entomologů (entomologové nežijící) I. Pokračování 2. [List of biographies of the Czechoslovak entomologists (deceased entomologists) I. Continuation 2]. *Zprávy Československé Společnosti Entomologické při ČSAV* **16(Příloha)**: 33–64 + 3 unpaginated plates with photographs (in Czech).
- KOTEJA J. 1979: Revision of the genus *Luzulaspis* Cockerell (Homoptera, Coccidae). *Polskie Pismo Entomologiczne* **49**: 585–638.

- KVAČEK J., BOUDA F., HÁJEK J., HOLEC J., KMENT P., KUŽELKA V., MACEK I., SEJKORA J., ŠÍDA O., ŠMÍD J. & VELEMÍNSKÝ P. 2015: *Typové sbírky Národního muzea. Katalog k výstavě Jak se bude jmenovat. [Type collections of the National Museum. Catalogue of the exhibition How should we name it?]*. Národní muzeum, Praha, 115 pp. (in Czech, English summary without title).
- LAUTERER P. & BURCKHARDT D. 1994: Description of *Cacopsylla tatrica* sp. nov. with comments on the *C. brunneipennis* (Edwards) complex (Homoptera: Psylloidea). *Entomological Problems* **25**: 73–78.
- LAUTERER P. & BURCKHARDT D. 2004: The West Palaearctic species of the *Craspedolepta flavipennis* (Foerster) complex (Hemiptera, Psylloidea). *Mitteilungen der Schweizerischen Entomologischen Gesellschaft* **77**: 251–275.
- LOGINOVA M. M. 1978a: Obzor listoblošek rodu *Caillardia* Bergevin (Homoptera, Aphalaridae) i opisaniya novykh vidov. (Review of the genus *Caillardia* Bergevin (Homoptera, Aphalaridae) with descriptions of new species.) Pp. 6–22. In: *Novye vidy nasekomykh Sredney Azii i Kazakhstana. Trudy Zoologicheskogo Instituta Akademii Nauk SSSR. Tom 71. (New species of insects from Central Asia and Kazakhstan. Proceedings of the Zoological Institute of the Academy of Sciences of the USSR. Volume 71.)* Nauka, Leningrad (in Russian, English title).
- LOGINOVA M. M. 1978b: Novye vidy psillid (Homoptera, Psylloidea). [New species of psyllids (Homoptera, Psylloidea).] Pp. 30–123. In: MEDVEDEV G. S. (ed.): *Novye vidy zhivotnykh. Trudy Zoologicheskogo Instituta. Tom 61. [New species of animals. Proceedings of the Zoological Institute. Volume 61.]* Nauka, Leningrad (in Russian).
- MACHÁČKOVÁ L. & FIKÁČEK M. 2014: Catalogue of the type specimens deposited in the Department of Entomology, National Museum, Prague, Czech Republic. Polyneoptera. *Acta Entomologica Musei Nationalis Pragae* **54**: 399–450.
- MALENOVSKÝ I. & BURCKHARDT D. 2014: Jumping plant-lice of Socotra Island (Hemiptera: Psylloidea). In: HÁJEK J. & BEZDĚK J. (eds.): *Insect biodiversity of the Socotra Archipelago 2. Acta Entomologica Musei Nationalis Pragae* **54 (supplementum)**: 23–61.
- MALENOVSKÝ I., BURCKHARDT D., QUEIROZ D. L., ISAIAS R. M. S. & OLIVEIRA D. C. 2015: Descriptions of two new Pseudophacopteron species (Hemiptera: Psylloidea: Phacopteronidae) inducing galls on *Aspidosperma* (Apocynaceae) in Brazil. *Acta Entomologica Musei Nationalis Pragae* **55**: 513–538.
- MARTIN J. H., MIFSUD D. & RAPISARDA C. 2000: The whiteflies (Hemiptera: Aleyrodidae) of Europe and the Mediterranean Basin. *Bulletin of Entomological Research* **90**: 407–448.
- MARTIN J. H. & MOUND L. A. 2007: An annotated check list of the world's whiteflies (Insecta: Hemiptera: Aleyrodidae). *Zootaxa* **1492**: 1–84.
- MILLER D. R. 1975: A revision of the genus *Heterococcus* Ferris with a diagnosis of *Brevennia* Goux (Homoptera: Coccoidea: Pseudococcidae). *United States Department of Agriculture Technical Bulletin* **1497**: 1–61.
- MOUND L. A. & HALSEY S. H. 1978: *Whitefly of the World*. British Museum (Natural History) and John Wiley & Sons, Chichester, 340 pp.
- OUVRRARD D. 2016: *Psyl'list – the world Psylloidea database*. Available online: <http://www.hemiptera-databases.com/psyllist> (accessed on 18 January 2016).
- OUVRRARD D. & MARTIN J. H. 2016: *The White-files – Taxonomic checklist of the world's whiteflies (Insecta: Hemiptera: Aleyrodidae)*. Available online: <http://www.hemiptera-databases.org/whiteflies/> (accessed on 18 January 2016).
- ŘEHÁČEK J. 1959: Novyy vid roda *Luzulaspis* Ckll. (Coccoidea, Coccidae) iz Chekhoslovakii. (New species of genus *Luzulaspis* (Coccoidea, Coccidae) from Czechoslovakia). *Entomologicheskoe Obozrenie* **38**: 176–178 (in Russian, English summary).
- ŘEHÁČEK J. 1960: Fauna publik (Coccidae) Slovenska. [Fauna of soft scales (Coccidae) of Slovakia.] *Biologické Práce* **6**: 1–88 (in Czech).
- SCHMUTTERER H. 1958: *Heterococcus variabilis* n. sp., eine neue Pseudococcide mit bemerkenswerter Variabilität. *Acta Faunistica Entomologica Musei Nationalis Pragae* **3**: 17–22.
- TKOČ M., PECHAROVÁ M. & JEŽEK J. 2014: Catalogue of the type specimens of Diptera deposited in the National Museum, Prague, Czech Republic. Moth flies (Psychodidae). *Acta Entomologica Musei Nationalis Pragae* **54**: 789–837.
- ZAHRADNÍK J. 1952a: Revision der Tschechoslovakischen Arten der Schildläuse aus der Unterfamilie der Diaspidinae. *Acta Entomologica Musei Nationalis Pragae* **27**: 89–200.
- ZAHRADNÍK J. 1952b: Eine neue Schildlausart – *Quadrapsidiotus marani* n. sp. (Coccoidea: Diaspididae). *Beiträge zur Entomologie* **2**: 449–451.

- ZAHRADNÍK J. 1957: Drei für die österreichische Fauna neue Aleyrodiden-Arten. *Acta Faunistica Entomologica Musei Nationalis Pragae* **2**: 9–11.
- ZAHRADNÍK J. 1959a: III. podřád Molicie – Aleyrodinea. [Suborder III, Whiteflies – Aleyrodinea.] Pp. 465–469. In: KRATOCHVÍL J. (ed.): *Klíč zvířeny ČSR. Díl III.* [Key to fauna of Czechoslovak Republic. Part III.] Československá akademie věd, Praha, 869 pp (in Czech).
- ZAHRADNÍK J. 1959b: V. podřád Červci – Coccinea. [Suborder V, Scale insects – Coccinea.] Pp. 527–552. In: KRATOCHVÍL J. (ed.): *Klíč zvířeny ČSR. Díl III.* [Key to fauna of Czechoslovak Republic. Part III.] Československá akademie věd, Praha, 869 pp (in Czech).
- ZAHRADNÍK J. 1961: Nouvelles connaissances faunistiques et taxonomiques sur les Aleyrodides de la Tchécoslovaquie (Homoptera, Aleyrodinea). *Acta Faunistica Entomologica Musei Nationalis Pragae* **7**: 61–80.
- ZAHRADNÍK J. 1962a: Données taxonomiques et faunistiques sur Japaneyrodes nov. gen. similis europaeus n. ssp. (Homoptera, Aleyrodinea). *Acta Faunistica Entomologica Musei Nationalis Pragae* **8**: 13–19.
- ZAHRADNÍK J. 1962b: Über einige Aleyrodiden-Arten aus Berlin und Umgebung (Homoptera, Aleyrodinea). *Acta Faunistica Entomologica Musei Nationalis Pragae* **8**: 37–41.
- ZAHRADNÍK J. 1963: Notes faunistiques sur les aleurodes en Yougoslavie (Homoptera, Aleyrodinea). *Acta Faunistica Entomologica Musei Nationalis Pragae* **9**: 231–236.
- ZAHRADNÍK J. 1977: Aleyrodinea – Coccinea. Pp. 117–122. In: DLABOLA J. (ed.): Enumeratio Insectorum Bohemoslovakiae. Check List tschechoslowakische Insektenfauna. *Acta Faunistica Entomologica Musei Nationalis Pragae, Supplementum* **4**: 1–158.
- ZAHRADNÍK J. 1985: La révision des aleurodes des pays Tchèques (Sternorrhyncha: Aleyrodinea) I. *Věstník Československé Společnosti Zoologické* **49**: 301–320.
- ZAHRADNÍK J. 1987a: La révision des aleurodes des pays Tchèques (Sternorrhyncha: Aleyrodinea) II. *Věstník Československé Společnosti Zoologické* **51**: 60–80.
- ZAHRADNÍK J. 1987b: *Asterobemisia nigrini* sp. nov., un aleurode nouveau de la Tchécoslovaquie (Sternorrhyncha, Aleyrodinea). *Acta Entomologica Bohemoslovaca* **84**: 350–352.
- ZAHRADNÍK J. 1989a: La révision des aleurodes des pays Tchèques (Sternorrhyncha: Aleyrodinea) III. *Acta Universitatis Carolinae, Biologica* **31** (1987): 407–443.
- ZAHRADNÍK J. 1989a: Neue Funde von Mottenläuse in der Schweiz (Sternorrhyncha, Aleyrodinea). *Acta Universitatis Carolinae, Biologica* **31** (1987): 355–358.
- ZAHRADNÍK J. 1990: Die Schildläuse (Coccinea) auf Gewächshaus- und Zimmerpflanzen in den Tschechischen Ländern. *Acta Universitatis Carolinae – Biologica* **34**: 1–160.
- ZAHRADNÍK J. 1991: Taxonomisches und Faunistisches über europäische Mottenläuse (Aleyrodinea). *Acta Universitatis Carolinae, Biologica* **35**: 111–118.