

The Type Material of Aphididae (Hemiptera) in the Museum and Institute of Zoology PAS, Warsaw

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Abstract. Types of 167 nominal species and subspecies of *Aphididae* in the Museum and Institute of Zoology PAS in Warsaw (MZPW) are listed. The 90 holotypes, 5 lectotypes, and 15 syntype series are recorded. Lectotypes are designated for *Aphis tashevi* SZELEGIEWICZ, *Dactynotus bielawskii* SZELEGIEWICZ, *Iziphya mongolica* QUEDNAU, and *Iziphya variabilis* QUEDNAU.

Key words. Hemiptera, Aphididae, type specimens, lectotypes.

INTRODUCTION

The collection of aphids in the Museum and Institute of Zoology PAS in Warsaw (MZPW – Museum Zoologicum Polonicum) was established by Prof. Henryk SZELEGIEWICZ (1927–1983). The collection contains 1225 species of *Aphididae*, including type material of 167 nominal species and subspecies. Among name-bearing types there are 90 holotypes, 5 lectotypes and 15 syntype series.

The MZPW houses almost all the type specimens, as well as non-type material, described by H. SZELEGIEWICZ from Europe and Asia. Among these there are 59 nominal species and subspecies described by him, and 25 species and subspecies which he described together with J. HOLMAN (24) and A. CZYLOK (1). The collection also contains types of 83 species from all over the world described by the following authors: S. BARBAGALLO et H.L.G. STROYAN (2 species), C. BÖRNER (1), O. HEIE (1), D. HILLE RIS LAMBERS (10), D. HILLE RIS LAMBERS & A.N. BASU (1), J. HOLMAN (26), F.C. HOTTES & T.H.

FRISON (2), S. HUCULAK (5), G.F. KNOWLTON (1), F. LECLANT & G. REMAUDIÈRE (2), V.A. MAMONTOVA (3), W. MEIER (1), A. MORDVILKO (4), F.P. MÜLLER (1), V.P. NEVSKY (3), F.W. QUEDNAU (8), G. REMAUDIÈRE (4), G. REMAUDIÈRE & L. BAHAMONDES (1), W.R. RICHARDS (5), C.F. SMITH (1), and C.F. SMITH & O.E. HEIE (1).

H. SZELEGIEWICZ published almost 150 papers on *Aphididae* between 1959 and 1985. Most of his publications contain detailed descriptions of both apterous and alate adults, as well as details of type material. In a few cases the author did not specify a kind of morph of the type specimen and that information is provided, where possible, in this catalogue. H. SZELEGIEWICZ usually designated the holotypes in his descriptions, but he neglected to do so for *Aphis tashevi* and *Dactynotus bielawskii*. Since in both cases he labelled an apterous viviparous female as the holotype, this specimen is here designated as the lectotype. The holotype and paratypes of *Prunomyzus asiaticus* SZELEGIEWICZ, 1969, and paratypes of *Pterocomma tremulae stroyani* SZELEGIEWICZ, 1967,

cited in the literature as deposited in the MZPW collection could not be found.

The collection also contains the type material (5 holotypes and a large number of paratypes) of species described from Poland by Stanisław HUCULAK (1935–1968). After his death, the types cited in the original publications as deposited in the Agricultural University in Olsztyn-Kortowo were brought to our museum. The original HUCULAK labels were replaced with new ones written by SZELEGIEWICZ's laboratory assistant. Additionally, the underside of part of the slides has data handwritten on the glass by the same person. Conflicting information is given on some slides. The majority of HUCULAK types, as well as non-type material determined by him, is in poor condition due to crystallization but the specimens are recognizable.

The MZPW houses the type material of 8 nominal species described by W. QUEDNAU from Korea (5), Mongolia (2) and Canada (1). In a few cases the holotype and one or more paratypes are mounted together on one slide without any indication and the holotype cannot be separated from the paratypes with any certainty. In two cases, the collection contains a specimen labelled as a holotype but in the original publication QUEDNAU did not specify one specimen as a type but wrote only about "Types" and "Paratypes". According to Art.73 of the Code, such specimens should be treated as syntypes. In both cases lectotypes are designated in this publication.

All aphids in the collection are mounted on microscope slides. Among type specimens preserved in our museum those described by SZELEGIEWICZ, HUCULAK and QUEDNAU bear the same kind of printed labels. All of them bear the name of the museum, the number of the SZELEGIEWICZ collection in our acquisition book and, on the determination label only, the MZPW number of the type (the inscription is as follows: "Museum Zoologicum Polonicum Warszawa 3/82 ex coll. H. Szelegiewicz Typus (Typi) n. "). Instead of the type number the number of the slide is printed on the locality label.

The red determination label contains data rewritten from the old one as follows: the name of the new species or subspecies, the author(s) and the kind of the type. Sometimes there is an additional information, namely the current status and the author of the new determination or transcription. The white locality

label bears data rewritten from the old label as follows: the SZELEGIEWICZ number of the sample (if present), locality, date, host plant and the name(s) of collector(s). The number of the sample, preceded by #, was given by SZELEGIEWICZ and it corresponds to his original notebook. When the data on the label and in the original publication were different, the notebook was consulted for correct data. Information about errors and significant differences is given in the notes below the appropriate type.

The list is arranged in alphabetical order of genera and species according to the names in the original descriptions. The species name is followed by the author's bibliographic citation; next are given the kind of type(s) and the number of specimens, sex, kind of morph or stage if possible. Then the MZPW number(s) of the type(s) in brackets and the contents of the locality label and, in some cases, the determination label in quotation marks follow. The determination label is omitted if the name of species, author and category of type is the same as in the original description and if there is no additional information.

Some type specimens were compared with the original description to confirm their status and reliability but in most cases the information about the sex, kind of morph or stage was taken from the original publications or labels. The following abbreviations have been used: apt. = apterous, al. = alate, viv. = viviparous, ovip. = oviparous.

As a rule, each slide is presented individually to avoid misunderstandings because the numbers of type specimens mounted on one slide range from 1 to 18. However, slides with one or more specimens of the same morph and the same data and without any additional specimens or notes are listed together. Some slides contain additional specimens, usually juveniles, and if these specimens are not types they are noted at the end of a given entry.

If the current taxonomic status differs from the original it is cited below the notes of the appropriate species after REMAUDIÈRE & REMAUDIÈRE, 1997. The complete reference is given at the end of the catalogue.

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LIST OF SPECIMENS

Absinthaphis hortobagyi SZELEGIEWICZ, 1978: 211

HOLOTYPE apt. viv. female (No. 2732), label: "#2320 HUNGARIA Hortobágy: Nagyhegyes 25.06.1964 Artemisia santonicum H. Szelegiewicz leg."

PARATYPE apt. viv. female (No. 2733), data as for holotype.

PARATYPES 3 apt. viv. females (No. 2734–2736), data as for holotype.

Notes: The host plant in the original publication is given as "*Artemisia maritima* L. ssp. *monogyna* (W. et K.)".

Current status: *Aphis* (*Absinthaphis*) *hortobagyi* (SZELEGIEWICZ, 1978).

Absinthaphis pannonica SZELEGIEWICZ, 1978: 213

HOLOTYPE apt. viv. female (No. 2737), label: "#2907 HUNGARIA Bakony, Eplény 1.09.1965 Artemisia absinthium H. Szelegiewicz leg."

PARATYPES 3 apt. viv. females (No. 2738–2740), data as for holotype.

Current status: *Aphis* (*Absinthaphis*) *pannonica* (SZELEGIEWICZ, 1978).

Acaudinum longisetosum HOLMAN, 1970: 106

PARATYPES 3 apt. viv. females (No. 2741–2743), label: "8451 apt.26–28 Centaurea scabiosa Vestenice Slovakia cent. ČSSR 30-V-64 Col. J. Holman".

PARATYPES 2 apt. viv. females (No. 2744–2745), label: "10541 apt.57–58 Centaurea jacea Spišská N.Ves Sivá Brada Slovakia orie. ČSSR 29-VI-66 Col. J. Holman".

PARATYPES 3 apt. viv. females (No. 2746–2748), label: "10534 apt.13–15 Centaurea scabiosa Spišská N.Ves Sivá Brada Slovakia orient. ČSSR 29-VI-66 Col. J. Holman".

PARATYPES 3 apt. viv. females (No. 2749–2751), label: "8964 apt.61–63 Centaurea scabiosa Brumovice Moravia mer. ČSSR 20-VI-66 Col. J. Holman".

Acuticauda erigerontis LECLANT et REMAUDIÈRE, 1967: 953

PARATYPE 1 specimen (No. 2752), data handwritten on the glass: "6190 Acuticauda erigerontis LECL. & REM.", "PARATYPE", "Erigeron acer Prells H.A. 31 VIII 66 Remaudière".

Acyrtosiphon crepidis HOLMAN et SZELEGIEWICZ, 1975: 431

HOLOTYPE apt. viv. female (No. 2753), label: "#2087 MONGOLIA Zaisan ad Ulan-Bator 11.08.1963 Crepis tenuifolia H. Szelegiewicz leg."

PARATYPE apt. viv. female (No. 2754), data as for holotype.

PARATYPES 4 apt. viv. females (No. 2755–2758), data as for holotype; [two slides, two specimens per slide].

PARATYPES 2 apt. viv. females (No. 2759–2760), data as for holotype; [additionally 2 juveniles].

Acyrtosiphon cyatheae HOLMAN, 1974a: 102

PARATYPE apt. viv. female (No. 2761), label: "10312A / apt.20 Cyathea balanocarpa Pico Turquino Sra. Maestra Cuba, Ote. 12-VIII-65 Col. J. Holman".

PARATYPE apt. viv. female (No. 2762), data as above except "apt.23".

PARATYPE apt. viv. female (No. 2763), data as above except "apt.22".

Notes: The determination label is missing but the data is handwritten on the back of the slide: "Cuba Pico Turquino 12.08.65 Acyrtosiphon cyatheae Holm. PARATYPUS".

Current status: *Sitobion cyatheae* (HOLMAN, 1974).

Acyrtosiphon dauricum SZELEGIEWICZ, 1963b: 129

HOLOTYPE fundatrix (No. 2764), label: "#1755 MONGOLIA Zaisan ad Ulan-Bator 10.06.1962 Compositae R. Bielawski et B. Pisarski leg."

PARATYPES 3 females (No. 2765–2767), data as for holotype.

Notes: The collection date was not published.

Acyrtosiphon nigripes peucedani SZELEGIEWICZ, 1967c: 442

HOLOTYPE apt. viv. female (No. 2768), label:

"#2321 HUNGARIA Pusztakócs: Ohat 25.06.1964 Peucedanum officinale H. Szelegiewicz leg."

PARATYPES 3 apt. viv. females (No. 2769–2771), data as for holotype.

Current status: A synonym of *Acyrtosiphon nigripes peucedani* (BOZHKO, 1959).

Amphorophora forbesi RICHARDS, 1959: 251

PARATYPE apt. viv. female (No. 2772), labels: "No. 58/1325 Pl. Rubus spectabilis Loc. Lulu Island, B.C. Date 2.V.58. Col. A.R. Forbes SA 480", "Can. Nat. Coll. Type No. Amphorophora forbesi Richards PARATYPE Slide No."

Notes: The collection date in the original publication is given as "June 2, 1958".

Aphidura ornata HILLE RIS LAMBERS, 1955: 294

SYNTYPES 3 apt. viv. females (No. 2773–2775), labels: "Aphidura ornata n.sp. Cotypes. Det. D. H.R.L.", "N. Switzerland. Pl. Silene nutans ? Loc. Cassarate (Lugano) Date 25.V.1950. Leg. D. H.R.L. 207.1950."

Notes: The information about the host plant in the original publication is given as "Silene sp., probably *Silene italica*".

Aphidura pannonica SZELEGIEWICZ, 1967c: 437

HOLOTYPE apt. viv. female (No. 2776), label: "#2270 HUNGARIA Budapest, Sashegy 21.06.1964 *Silene otites* H. Szelegiewicz leg."; [additionally 2 juveniles].

PARATYPE apt. viv. female (No. 2777), data as for holotype.

PARATYPES 3 al. viv. females (No. 2778–2780), data as for holotype.

PARATYPES 2 al. viv. females and 2 apt. viv. females (No. 2781–2784), data as for holotype.

PARATYPES 6 apt. viv. females (No. 2785–2790), data as for holotype.

PARATYPES 5 apt. viv. females and 1 al. viv. female (No. 2791–2796), data as for holotype.

PARATYPES 3 apt. viv. females (No. 2797–2799), data as for holotype; [additionally 13 juveniles].

Aphis amaranthi HOLMAN, 1974a: 73

PARATYPES 4 apt. viv. females (No. 2800–2803),

label: "11624 *Amaranthus spinosus* La Habana Cuba, Hab. 30-I-68 Col. J. Holman".

PARATYPES 3 al. females (No. 2804–2806), label: "11479 *Amaranthus* sp. Santiago de las Vegas Cuba, Hab. III-67 Col. D. Tashev".

Aphis antherici HOLMAN, 1966a: 45

PARATYPES 2 apt. females (No. 2807–2808), label: "4436/ ♀ 24–25 *Anthericum liliago* L. Karlštejn Bohemia centr. ČSSR 1-X-1960 Col. J. Holman".

Aphis astragalicola HOLMAN et SZELEGIEWICZ, 1971: 408

PARATYPES 2 apt. viv. females (No. 2809–2810), label: "5568 apt.13–14 *Astragalus* sp. Nacholonda (Baisa) obl. Čita Transbaicalia SSSR 26-VI-61 Col. O.Tshernova".

PARATYPES 2 apt. viv. females (No. 2811–2812), data as above except "apt.15–16".

PARATYPES 2 apt. viv. females (No. 2813–2814), data as above except "apt.19–20".

Aphis austriaca HILLE RIS LAMBERS, 1959: 273

SYNTYPES 2 apt. viv. females (No. 2815–2816), labels: "*Aphis austriaca* nov. spec. cotypes Det.: D. H.R.L.", "N. Austria Pl. *Silene nutans* ? Loc. Patsch Date 10-VI-1956 Leg. D. H.R.L. 373".

Aphis berlinskii HUCULAK, 1968a: 436

HOLOTYPE apt. viv. female (No. 2817), labels: "POLONIA Olsztyn-Kortowo 5.09.1966 *Veronica chamaedrys* S. Huculak leg.", "APHIS berlinskii sp.n. S. Huculak det. HOLOTYPUS".

Notes: The data on the locality label do not correspond to the information handwritten on the back of the slide, namely "Łyna, distr. Nidzica 17.05.66. *Aphis berlinskii* HOLOTYPUS S. Huculak det.". Both sets of data were written by SZELEGIEWICZ's laboratory assistant who replaced the original labels. I could not find any notes of this material in HUCULAK's journals. The information about types in the original description is very poor but as a locus typicus Olsztyn-Kortowo is indicated and it corresponds to the label. Moreover, the collection

date from Łyna ("17.05.66.") handwritten on the back of the slide differs from the date published for this locality as "17.IX.1966".

PARATYPE 1 specimen (No. 2818), labels: "POLONIA Łyna, distr. Nidzica 17.05.1966 Veronica chamaedrys S. Huculak leg.", "APHIS berlinskii sp.n. S. Huculak det. PARATYPUS".

Notes: The collection date is published as "17.IX.1966".

PARATYPES 2 specimens (No. 2819–2820), label: "POLONIA Olsztyn-Kortowo 15.07.1966 Veronica chamaedrys S. Huculak leg."; [two slides, one specimen per slide].

PARATYPE 1 specimen (No. 2821), label: "POLONIA Olsztyn-Kortowo 15.08.1966 Veronica chamaedrys S. Huculak leg.".

PARATYPE 1 specimen (No. 2822), label: "POLONIA Olsztyn-Kortowo 5.09.1966 Veronica chamaedrys S. Huculak leg.".

Notes: The collection date is handwritten on the back of the slide as "15.07.66".

PARATYPES 6 specimens (No. 2823–2828), label: "POLONIA Olsztyn-Kortowo 26.09.1966 Veronica chamaedrys S. Huculak leg."; [six slides, one specimen per slide].

PARATYPE 1 specimen (No. 2829), label: "POLONIA Olsztyn 26.09.1966 Veronica chamaedrys S. Huculak leg.".

Aphis berteroa SZELEGIEWICZ, 1966a: 545

HOLOTYPE apt. viv. female (No. 2830), label: "#2708 POLONIA Świder, distr. Otwock 25.07.1965 Berteroa incana H. Szelegiewicz leg.".

PARATYPES 4 apt. viv. females (No. 2831–2834), data as for holotype.

PARATYPES 3 al. viv. females (No. 2835–2837), data as for holotype.

PARATYPES 8 apt. females (No. 2838–2845), label: "#2993 POLONIA Warszawa-Bielany 30.09.1965 Berteroa incana H. Szelegiewicz leg.".

Aphis brevitarsis SZELEGIEWICZ, 1963b: 115

HOLOTYPE fundatrix (No. 2846), label: "#1718 MONGOLIA Ulan-Bator, 1300 m 21.05.1962 Mentha sp. R. Bielawski et B. Pisarski leg.".

PARATYPES 2 fundatrices and 3 larvae (No. 2847–2851), data as for holotype.

Aphis caliginosa HOTTES et FRISON, 1931: 182

PARATYPES 3 apt. viv. females (No. 2852–2854), labels: "Aphididae Aphis caliginosa Hottes & Frison PARATYPES Fundatrices sl.10490 Det. F.C. Hottes Ill. Nat. Hist. Surv.", "Macomb, Ill. May 4, 1929 Coll. T.H. Frison on Cornus sp. Hoyer's Med".

Aphis cisticola LECLANT et REMAUDIÈRE in REMAUDIÈRE and LECLANT, 1972: 100

PARATYPES 2 apt. viv. females (No. 2855–2856), data handwritten on the glass: "13881 Aphis cisticola LECL. et REM.", "PARATYPE", "Cistus salviaefolius Ortale (Corse) 7 V 1970 LECLANT 4434".

Aphis dasiphorae HOLMAN et SZELEGIEWICZ, 1971: 398

PARATYPES 9 apt. viv. females (No. 2857–2865), label: "Sz 2104/175 apt.1–9 Dasiphora fruticosa Terylž river valley Mongolia 13.8.63 Col. H. Szelegiewicz".

PARATYPES 42 apt. viv. females (No. 2866–2907), data as above except "apt.10–33 and 47–64"; [seven slides, six specimens per slide].

PARATYPES 3 al. viv. females (No. 2908–2910), data as above except "al.3–5"; [three slides, one specimen per slide].

PARATYPE apt. viv. female (No. 2911), labels: "Aphis dasiphorae (sic) sp.n. Paratypus Det. Holman et Szeleg.", "5565 apt.10 Dasyphora sp. cf. parvifolia Nacholonda (Baisa) obl. Čita Transbaicalia SSSR 26-VI-61 Col. O. Tshernova".

PARATYPES 6 apt. viv. females (No. 2912–2917), data as above except "apt.11–16"; [six slides, one specimen per slide].

Aphis elegantula SZELEGIEWICZ, 1963b: 117

HOLOTYPE apt. viv. female (No. 2918), label: "#1756 MONGOLIA Zaisan ad Ulan-Bator 1400 m 12.06.1962 Urtica sp. R. Bielawski et B. Pisarski leg.".

Notes: The date in the SZELEGIEWICZ notebook is following: 10.06.1962.

PARATYPES 6 al. viv. females (No. 2919–2924), data as for holotype; [two slides, three specimens per slide].

PARATYPES 4 apt. viv. females (No. 2925–2928), data as for holotype.

Aphis franzi HOLMAN, 1975b: 1

PARATYPES 5 apt. viv. females (No. 2929–2933), labels: “*Aphis franzi* sp.n. Paratypus apt.18–22 Det. J. Holman”, “N. Austria Pl. Seseli austriacum Loc. Türkensturz bei Seebenstein/n.ö., Felsenheide auf Kalk Date 24-VII-1965 Leg. H. Franz”; [additionally 1 alatiform specimen].

Aphis (Anthemidaphis) ligusticae BARBAGALLO et STROYAN, 1982: 93

PARATYPES 3 apt. viv. females (No. 3084–3086), labels: “*Anthemidaphis ligusticae* sp.n., Barb. & Str. att.v. PARATIPI”, “*Achillea ligustica* SICILIA: Zafferana (CT) 31.VIII.1978 2142 / S.B. leg.”.

Aphis longini HUCULAK, 1968b: 333

HOLOTYPE apt. viv. female (No. 2934), label: “POLONIA Trzebinia 26.08.1967 *Knautia arvensis* L. Olesiński leg.”.

PARATYPES 10 specimens (No. 2935–2944), data as for holotype; [ten slides, one specimen per slide].

PARATYPES 4 specimens (No. 2945–2948), label: “POLONIA Trzebinia 1.10.1967 *Knautia arvensis* L. Olesiński leg.”; [four slides, one specimen per slide].

Aphis mongolica SZELEGIEWICZ, 1963b: 120

HOLOTYPE fundatrix (No. 2949), label: “#1722 MONGOLIA Songino, 24 km SW Ulan-Bator 22.05.1962 *Potentilla* sp. R. Bielawski et B. Pisarski leg.”.

PARATYPES 4 specimens (No. 2950–2953), data as for holotype.

Aphis narzikulovi SZELEGIEWICZ, 1963b: 122

HOLOTYPE fundatrix (No. 2954), label: “#1721

MONGOLIA Songino, 24 km SW Ulan-Bator 22.05.1962 *Salvia* sp. R. Bielawski et B. Pisarski leg.”.

PARATYPES 6 fundatrices (No. 2955–2960), data as for holotype.

Aphis peucedani SZELEGIEWICZ, 1981a: 81

HOLOTYPE apt. viv. female (No. 2961), label: “#5233 HUNGARIA Újszentmargita, Hortobágy 16.07.1974 *Peucedanum officinale* H. Szelegiewicz leg.”.

PARATYPES 7 apt. viv. females (No. 2962–2968), data as for holotype; [seven slides, one specimen per slide].

PARATYPES 4 al. viv. females (No. 2969–2972), data as for holotype; [four slides, one specimen per slide].

PARATYPES 40 apt. viv. females (No. 2973–3012), data as for holotype; [ten slides, four specimens per slide].

PARATYPES 5 apt. viv. females (No. 3013–3017), data as for holotype.

PARATYPES 2 apt. viv. females (No. 3018–3019), label: “#2324 HUNGARIA Pusztakócs: Ohat 25.06.1964 *Peucedanum officinale* H. Szelegiewicz leg.”; [two slides, one specimen per slide].

PARATYPES 12 apt. viv. females (No. 3020–3031), data as above; [two slides, six specimens per slide].

Aphis psammophila SZELEGIEWICZ, 1967a: 555

HOLOTYPE apt. viv. female (No. 3032), label: “#2579 POLONIA Warszawa-Bielany 24.06.1965 *Jasione montana* H. Szelegiewicz leg.”; [additionally 2 specimens].

PARATYPES 2 al. viv. females (No. 3033–3034), data as for holotype.

PARATYPES 8 apt. females (No. 3035–3042), label: “#2977 POLONIA Warszawa-Bielany 21.09.1965 *Jasione montana* H. Szelegiewicz leg.”.

PARATYPES 2 apt. males and 10 apt. females (No. 3043–3054), data as above.

Aphis silenicola HOLMAN et SZELEGIEWICZ, 1971: 405

PARATYPES 12 apt. viv. females (No. 3055–3066), label: “#2089 MONGOLIA Zaisan ad Ulan-Bator

11.08.1963 *Silene jensseensis* H. Szelegiewicz leg.”; [two slides, six specimens per slide].

PARATYPES 2 apt. viv. females (No. 3067–3068), label: “USSR Transbaicalia Romanovka, 60 km W obl.Čita *Silene repens* O. Tschernova leg.”; [two slides, one specimen per slide].

Aphis tacita HUCULAK, 1968a: 444

HOLOTYPE apt. viv. female (No. 3069), label: “POLONIA Pasy, distr. Szczytno 11.06.1966 *Astragalus arenarius* S. Huculak leg.”.

PARATYPES 2 apt. specimens (No. 3070–3071), data as for holotype; [two slides, one specimen per slide].

PARATYPE 1 apt. specimen (No. 3072), label: “POLONIA Olsztyn-Kortowo 13.09.1967 *Astragalus arenarius* S. Huculak leg.”.

Notes: Additionally, the collection contains 13 specimens, including alates, each one mounted on separate slide and labelled as paratypes, but they are not here considered types. First, in the original publication HUCULAK wrote that alate specimens were not found and the second, the locality “Olsztyn-Dajtki” was not given. The “paratype” inscriptions are cancelled on new labels.

Aphis tashevi SZELEGIEWICZ, 1962: 53

LECTOTYPE [present designation] apt. viv. female (No. 3073), labels: “#1226 BULGARIA Smoljan 30.05.1959 *Stachys* sp. R. Bielawski leg.”, “*Aphis tashevi* sp.n. HOLOTYPUS H. Szelegiewicz det. LECTOTYPUS M. Malcher des.”.

Notes: Although the collection contains specimens labelled by SZELEGIEWICZ as “holotype” and “paratypes”, they must be treated as syntypes because the author did not designate the type specimen in the original publication. As the lectotype is designated the apterous viviparous female with data given above and labelled as “holotype” by SZELEGIEWICZ. The remaining syntypes are made paralectotypes.

PARALECTOTYPE al. viv. female (No. 3074), labels: “#1226 BULGARIA Smoljan 30.05.1959 *Stachys* sp. R. Bielawski leg.”, “*Aphis tashevi* sp.n. PARATYPUS H. Szelegiewicz det. PARALECTOTYPUS M. Malcher des.”.

PARALECTOTYPES 1 al. viv. and 1 apt. viv. females (No. 3075–3076), data as above.

Aphis thesii HOLMAN, 1966b: 91

PARATYPE apt. viv. female (No. 3077), label: “6592 / apt.11 *Thesium Dollineri* Kamenin Slovakia merid. ČSSR 10-X-1962 Col. J. Holman”.

Aphis (Doralis) torquens HOLMAN, 1959: 226

PARATYPE apt. viv. female (No. 3087), labels: “*Aphis torquens* sp.n. Paratypus Det. J. Holman”, “2050 *Petasites hybridus* Za’diel Slovakia orient. ČSSR 16-X-58 Col. J. Holman”.

Aphis tshernovae HOLMAN et SZELEGIEWICZ, 1971: 401

PARATYPE al. viv. female (No. 3078), label: “5570 / al.3 *Spiraea salicifolia* Nacholonda (Baisa) obl.Čita Transbaicalia SSSR 3-VII-61 Col. O. Tshernova”.

PARATYPES 5 apt. viv. females (No. 3079–3083), data as above except “apt.9 and apt.13–16”; [five slides, one specimen per slide].

Current status: A synonym of *Aphis neospiraeae* TAKAHASHI, 1966.

Aulacophoroides virgatae SZELEGIEWICZ, 1979b: 571

HOLOTYPE apt. viv. female (No. 3088) and PARATYPES 2 apt. viv. females (No. 3089–3090), label: “#3331 KOREA Prov. P’yöngyang-si: Mankyöng-bong, 12 km N P’yöngyang 28.08.1966 *Lespedeza virgata* H. Szelegiewicz leg.”.

Notes: The holotype is indicated by a red arrow and circled on the right lower part of the slide.

PARATYPES 3 apt. viv. females (No. 33091–3093), data as for holotype.

Aulacorthum pirolacearum SZELEGIEWICZ, 1967b: 487

HOLOTYPE apt. viv. female (No. 3094), label: “#3244 POLONIA Krynica Morska 14.07.1966 *Ramischia secunda* H. Szelegiewicz leg.”.

Notes: The collection date in the original publication

is given erroneously as "9-28.VIII.1966". July is written on the notebook of H. SZELEGIEWICZ. It refers to the holotype and all of the paratypes.

PARATYPES 2 apt. viv. females (No. 3095-3096), data as for holotype; [two slides, one specimen per slide].

PARATYPES 2 apt. viv. females (No. 3097-3098), data as for holotype.

PARATYPE apt. viv. female (No. 3099), label: "#3231 POLONIA Krynica Morska 9.07.1966 *Ramischia secunda* H. Szelegiewicz leg."

PARATYPES 2 apt. viv. females (No. 3100-3101), label: "#3268 POLONIA Krynica Morska 28.07.1966 *Monenses uniflora* H. Szelegiewicz leg."

PARATYPES 3 apt. viv. females (No. 3102-3104), label: "#3267 POLONIA Krynica Morska 28.07.1966 *Pirola chlorantha* H. Szelegiewicz leg."

PARATYPES 2 apt. and 1 al. viv. females (No. 3105-3107), label: "#3247 POLONIA Krynica Morska 16.07.1966 *Pirola chlorantha* H. Szelegiewicz leg."

PARATYPE al. viv. female (No. 3108), data as above; [additionally 2 juveniles].

PARATYPE apt. viv. female (No. 3109), data as above; [additionally 6 juveniles].

Current status: A synonym of *Aulacorthum rufum* HILLE RIS LAMBERS, 1947.

Brachycaudus lychnicola HILLE RIS LAMBERS, 1966: 184

PARATYPES 4 specimens (No. 3110-3113), label: "N. Pl. *Melandryum rubrum* Loc. Bennekom Date 19-V-'65 Leg. "

Notes: The original publication indicates D. HILLE RIS LAMBERS as a collector of aphids.

Brachycaudus mimeuri REMAUDIÈRE in BÖRNER, 1952b: 304

SYNTYPES 3 specimens (No. 3114-3116), labels: "GALLIA La Camp (Var) 20.VI.1952 *Odontites lutea* Remaudière leg.// ex coll. Carl Börner E.c.A. Nr 373e// H. Szelegiewicz prep.", "*Brachycaudus* (*Acaudus*) *mimeuri* sp.n. Remaudière det. PARATYPI".

SYNTYPES 4 specimens (No. 3117-3120), data as above.

Brachycaudus plantaginis HOLMAN et SZELEGIEWICZ, 1975: 434

HOLOTYPE apt. viv. female (No. 3121), labels: "#2010 MONGOLIA 20 km N Bornur 1.08.1963 *Plantago depressa* H. Szelegiewicz leg.", "*Brachycaudus* (*Acaudus*) *plantaginis* sp.n. J. Holman et H. Szelegiewicz det. HOLOTYPUS".

PARATYPES 2 apt. viv. females (No. 3122-3123), data as for holotype.

Brachyunguis (Xerophilaphis) blanchardi REMAUDIÈRE et BAHAMONDES, 1987: 179

PARATYPES 2 apt. viv. females (No. 3135-3136), data handwritten on the glass: "09710 *Xerophilaphis blanchardi* REMAUDIERE et BAHAMONDES", "PARATYPE", "*Allenrolfea vaginata* Guyamalen Mendoza ARGENTINE 5 XI 1985 BAHAMONDES".

Brachyunguis (Protaphis) judenkoi SZELEGIEWICZ, 1959b: 1

HOLOTYPE apt. viv. female (No. 3124), labels: "#632 POLONIA Bydgoszcz- Jachcice 9.08.1957 *Artemisia campestris* H. Szelegiewicz leg.", "*Brachyunguis judenkoi* sp.n. H. Szelegiewicz det. HOLOTYPUS *Absinthaphis judenkoi* (Szel.)".

PARATYPE apt. viv. female (No. 3125), data as for holotype.

PARATYPES 7 apt. viv. females (No. 3126-3132), data as for holotype.

PARATYPES 2 al. viv. females (No. 3133-3134), labels: "#230 POLONIA Warszawa-Młociny 13.06.1956 *Artemisia campestris* H. Szelegiewicz leg.", "*Brachyunguis judenkoi* sp. n. H. Szelegiewicz det. PARATYPI *Absinthaphis judenkoi* (Szel.)".

Current status: *Aphis (Absinthaphis) judenkoi* (SZELEGIEWICZ, 1959).

Calaphis similis QUEDNAU, 1979: 502

HOLOTYPE al. vivipara (No. 3137), label: "#3413 KOREA Prov. Hamgyöng-pukto: Onp'o-ri, distr.

Kyōngsōng 10.09.1966 *Betula* sp. H. Szelegiewicz leg.”.

PARATYPES al. vivipara and alatoid nymph (No. 3138–3139), data as for holotype; [additionally 1 juvenile].

PARATYPES al. vivipara and alatoid nymph (No. 3140–3141), data as for holotype.

PARATYPES al. vivipara and alatoid nymph (No. 3142–3143), data as for holotype.

PARATYPE al. vivipara (No. 3144), label: “#3425 KOREA Ch’ōngjin 12.09.1966 *Aster hayatae* (!) H. Szelegiewicz leg.”.

Note: The information about the host plant in the original publication is given as “on stray”.

PARATYPES 5 al. viviparae (No. 3145–3149), label: “#3474 KOREA Prov. P’yōngan-namdo: T’aesōng, distr. Kangsō 19.09.1966 *Betula* sp. H. Szelegiewicz leg.”; [five slides, one specimen per slide].

Cedrobium laportei REMAUDIÈRE, 1954: 116

PARATYPE apt. viv. female (No. 3150), data handwritten on the glass: “PARATYPE 0495 *Cedrobium laportei* Remaud.”, “*Cedrus libanotica* ssp. *atlantica* Ben Aknoun (Algérie) 17.XI.1954 Laporte”.

Current status: *Cinara* (*Cedrobium*) *laportei* (REMAUDIÈRE, 1954).

Chaitophorus canens RICHARDS, 1968: 181

PARATYPE apt. viv. female (No. 3151), labels: “Canadian National Collection Loc: Caronport, Sask. Date: 8-VII-1966 Host: *Salix* sp. Coll: W.R. Richards”, “Can. Nat. Coll. Type No. 9612 *Chaitophorus canens* Rich. PARATYPE Slide No. 52”.

Current status: A synonym of *Chaitophorus macrostachyae* (ESSIG, 1912).

Chaitophorus cinereae MAMONTOVA, 1955: 67

SYNTYPES 3 apt.females (No. 3152–3154), labels: “USSR Ukraina Kanev 3.08.1945 *Salix cinerea* V.A. Mamontova leg.”, “*Chaitophorus cinereae* sp.n. PARATYPI V.A. Mamontova det. *Chaitophorus salicti* (Schr.) H. Szelegiewicz det.”.

SYNTYPES 2 apt.females (No. 3155–3156), data as

above except the date: “24.06.1946”; [additionally 1 juvenile].

Current status: A synonym of *Chaitophorus salicti* (SCHRANK, 1801).

Chaitophorus diversisetosus SZELEGIEWICZ et CZYLOK, 1981: 201

HOLOTYPE apt. viv. female (No. 3157) and PARATYPES 4 al. viv. females (No. 3158–3161), labels: “#4915 POLONIA Dolistowo-Górki 21.06.1978 *Salix acutifolia* A. Czylok et T. Grochowski leg.”, “*Chaitophorus diversisetosus* sp.n. H. Szelegiewicz et A. Czylok det. HOLOTYPUS et PARATYPI”.

Notes: The holotype is placed on the central part of the slide. In the original publication the collector is given as “coll. A. Czylok”.

PARATYPES 4 apt. viv. females (No. 3162–3165), data as for holotype; [specimens numbered on the glass from 2 to 5].

PARATYPES 1 al. viv. and 4 apt. viv. females (No. 3166–3170), data as for holotype except the note “spód liści” which means “underside of the leaves”.

Chaitophorus longisetosus SZELEGIEWICZ, 1959a: 199

HOLOTYPE apt. viv. female (No. 3171), label: “#789 POLONIA Warszawa-Park Kultury 18.06.1958 *Populus alba* H. Szelegiewicz leg.”.

PARATYPES 11 apt. viv. females (No. 3172–3182), data as for holotype.

PARATYPES 11 ovip. females (No. 3183–3193), label: “#931 POLONIA Warszawa-Park Kultury 7.10.1958 *Populus alba* H. Szelegiewicz leg.”.

PARATYPES 6 ovip. females (No. 3194–3199), label: “#728 POLONIA Warszawa-Park Kultury 8.10.1957 *Populus alba* H. Szelegiewicz leg.”.

Chaitophorus mariae MAMONTOVA, 1955: 66

SYNTYPES 2 apt. viv. females (No. 3200–3201), labels: “USSR Ukraina Kanev 24.08.1946 *Salix caprea* V.A. Mamontova leg.”, “*Chaitophorus mariae* sp.n. PARATYPI V.A. Mamontova det. *Chaitophorus capreae* (Mosley) H. Szelegiewicz det.”.

SYNTYPES 5 apt. viv. females (No. 3202–3206), data as above.

Current status: A synonym of *Chaitophorus capreae* (MOSLEY, 1841).

Chaitophorus Nassonowi MORDVILKO, 1894: 40

LECTOTYPE apt. viv. female (No. 3207), labels: "POLONIA Warszawa VI.1893 Populus sp. A. Mordvilko leg.", "Chaitophorus nassonovi sp.n. A. Mordvilko det. LECTOTYPUS H. Szelegiewicz prep. et transcr."

Notes: The lectotype designation was not published.

PARALECTOTYPE al. viv. female (No. 3208), data as above.

PARALECTOTYPES 8 apt. viv. females (No. 3209–3216), data as above; [two slides, four specimens per slide].

PARALECTOTYPES 3 apt. viv. females (No. 3217–3219), data as above.

Chaitophorus variegatus SZELEGIEWICZ, 1981b: 40

HOLOTYPE apt. viv. female (No. 3220) and PARATYPES 5 apt. viv. females (No. 3221–3225), label: "#3415 KOREA Prov. Hamgyōng-pukto: Onp'o-ri, distr. Kyōngsōng 11.09.1966 Populus koreana H. Szelegiewicz leg."

Notes: The holotype is indicated by a red arrow and placed on the upper right part of the slide.

PARATYPES 30 apt. viv. females (No. 3226–3255), data as for holotype; [five slides, six specimens per slide.]

Cinara balachowskyi REMAUDIÈRE, 1974: 527

PARATYPE apt. viv. female (No. 3256), label: "GALIA 7921 Port Cros dep. Var 17.VI.1969 Pinus halepensis Balachowsky leg."

Cinara dahurica SZELEGIEWICZ et HOLMAN, 1980: 238

HOLOTYPE apt. viv. female (No. 3257), label: "#1999 MONGOLIA Nucht ad Ulan-Bator 30.07.1963 Juniperus pseudosabina H. Szelegiewicz leg."

PARATYPES 5 apt. viv. females (No. 3258–3262),

data as for holotype; [five slides, one specimen per slide].

PARATYPES 2 juveniles (No. 3263–3264), data as for holotype;

PARATYPES 3 juveniles (No. 3265–3267), data as for holotype.

Cinara mongolica SZELEGIEWICZ et HOLMAN, 1980: 235

HOLOTYPE apt. viv. female (No. 3268), label: "#2094 MONGOLIA Zaisan ad Ulan-Bator 11.08.1963 Pinus sibirica H. Szelegiewicz leg. apt.1"

PARATYPE apt. viv. female (No. 3269), data as for holotype except "apt.2".

PARATYPE al. viv. female (No. 3270), data as for holotype except "al.1".

PARATYPE al. viv. female (No. 3271), data as for holotype except "al.2".

PARATYPE ovip. female (No. 3272), data as for holotype without "apt.1".

PARATYPE al. male (No. 3273), data as for holotype except "σ"; [additionally 2 juveniles].

Coloradoa heinzei paradoxa SZELEGIEWICZ, 1969a: 178

HOLOTYPE apt. viv. female (No. 3274), labels: "#2076a MONGOLIA Songino, 24 km SW ad Ulan-Bator 9.08.1963 Artemisia sp. H. Szelegiewicz leg.", "Coloradoa (Lidaja) heinzei paradoxa ssp.n. H. Szelegiewicz det. HOLOTYPUS Coloradoa paradoxa Szel."

Notes: The holotype was labelled erroneously as paratype. According to the original publication, the holotype is apt. viv. female collected in Songino, prep. #2076a. The collection contains only one specimen from this locality, labelled as paratype. The new label bears the "holotype" inscription.

PARATYPE apt. viv. female (No. 3275), labels: "#1720 MONGOLIA Ulan-Bator 21.05.1962 Artemisia sp. R. Bielawski et B. Pisarski leg.", "Coloradoa (Lidaja) heinzei paradoxa ssp.n. H. Szelegiewicz det. PARATYPUS Coloradoa paradoxa Szel."

Notes: This specimen was labelled erroneously as the holotype. The new label bears the correct data.

PARATYPES 3 specimens (No. 3276–3278), data as above.

PARATYPES 6 specimens (No. 3279–3284), data as above.

Current status: *Coloradoa paradoxa* SZELEGIEWICZ, 1969.

Coloradoa huculaki SZELEGIEWICZ, 1981a: 84

HOLOTYPE apt. viv. female (No. 3285), label: “#5229 HUNGARIA Újszentmargita, Hortobágy 16.07.1974 Artemisia pontica H. Szelegiewicz leg.”.

PARATYPES 3 apt. viv. females (No. 3286–3288), data as for holotype.

PARATYPES 16 apt. viv. females (No. 3289–3304), label: “#5236 HUNGARIA Újszentmargita, Hortobágy 16.07.1974 Artemisia pontica H. Szelegiewicz leg.”; [four slides, four specimens per slide].

PARATYPES 5 apt. viv. females (No. 3305–3309), data as above.

PARATYPES 1 al. viv. female and 3 alatiform specimens (No. 3310–3313), data as above.

Coloradoa scopariae SZELEGIEWICZ, 1969a: 182

HOLOTYPE apt. viv. female (No. 3314), label: “#1964 MONGOLIA 20 km N Sajn-Šand 24.07.1963 Artemisia scoparia H. Szelegiewicz leg.”.

PARATYPES 3 apt. viv. females (No. 3315–3317), data as for holotype.

PARATYPES 2 apt. viv. females (No. 3318–3319), data as for holotype.

Dactynotus bielawskii SZELEGIEWICZ, 1962: 59

LECTOTYPE [present designation] apt. viv. female (No. 3320), labels: “#1200 BULGARIA Asenovgrad 26.05.1959 czerpak R. Bielawski leg.”, “Uroleucon bielawskii sp.n. HOLOTYPUS H. Szelegiewicz det. LECTOTYPUS M. Malcher des.”.

Notes: Although the collection includes specimens labelled by SZELEGIEWICZ as “holotype” and “paratypes”, they should be treated as syntypes because the author did not designate one type in the original description. As the lectotype is desig-

nated an apterous viviparous female from the sample #1200, labelled by SZELEGIEWICZ as “holotypus”. The remaining syntypes are made paralectotypes. In the original publication the collection date is given erroneously as “26.VI.1959”. According to SZELEGIEWICZ’s notebook, both samples: #1200 and #1205 were taken by R. BIELAWSKI on the same day: 26.V.1959.

PARALECTOTYPES 2 apt. viv. females (No. 3321–3322), labels: “#1205 BULGARIA Asenovgrad 26.05.1959 Compositae R. Bielawski leg.”, “Uroleucon bielawskii sp.n. PARATYPI H. Szelegiewicz det. PARALECTOTYPI M. Malcher des.”.

Current status: *Uroleucon bielawskii* (SZELEGIEWICZ, 1962).

Dactynotus cirsicola HOLMAN, 1962: 32

PARATYPE apt. viv. female (No. 3323), label: “3729 apt.4 Cirsium laniflorum Rabočij Ugolok Krym SSSR 7-VII-60 Col. J. Holman”.

PARATYPE al. viv. female (No. 3324), data as above except “al.17”.

PARATYPES 2 apt. viv. females (No. 3325–3326), label: “5704 Cirsium laniflorum Angarskij Pereval (Demerdži) Krym SSSR 15-IX-61 Col. J. Holman”; [two slides, one specimen per slide].

Current status: *Uroleucon cirsicola* (HOLMAN, 1962).

Delphiniobium bogdouli SZELEGIEWICZ, 1969a: 189

HOLOTYPE al. viv. female (No. 3327) and PARATYPES 2 specimens (No. 3328–3329), label: “#2095 MONGOLIA Zaisan 11.08.1963 Aconitum barbatum H. Szelegiewicz leg.”.

Notes: The holotype is placed on the central part of the slide. All paratypes are larvae or nymphs.

PARATYPES 6 specimens (No. 3330–3335), data as for holotype.

PARATYPES 4 specimens (No. 3336–3339), data as for holotype.

Drepanaphis simpsoni SMITH, 1959: 647

PARATYPES 2 al. viv. females (No. 3340–3341), labels: “Drepanaphis simpsoni S Paracolonytype Det.: C.F. Smith”, “N. U.S.A. Pl. Acer saccharum

Loc. Presque Isle (Maine) Date 10-IX-1956 Leg. Simpson & H.R.L. 465".

Dryobius roboris var. *longirostris* MORDVILKO, 1901: 339

SYNTYPES 2 apt. viv. females (No. 3342–3343), labels: "POLONIA Pomiechowo koniec lipca 1895 na gałęziach dębu A. Mordvilko leg.", "Dryobius roboris L. var. longirostris A. Mordvilko det. SYNTYPUS H. Szelegiewicz prep. et transcr."; [two slides, one specimen per slide].

SYNTYPE al. viv. female (No. 3344), data as above.

SYNTYPES 2 apt. viv. females (No. 3345–3346), data as above.

SYNTYPES 1 apt. and 1 al. viv. females (No. 3347–3348), data as above.

Current status: *Lachnus longirostris* (MORDVILKO).

Durocapillata utahensis KNOWLTON, 1927: 229

SYNTYPES 2 apt. females (No. 3349–3350), labels: "Durocapillata utahensis Knowlton cotypes Det.: Knowlton", "N. U.S.A. Pl. Chrysothamnus viscidiflorus Loc. Blacksmith canyon (Utah) Date 27-IX-1926 Knowlton".

Dysaphis oreoselini SZELEGIEWICZ, 1982b: 165

HOLOTYPE apt. viv. female (No. 3351), labels: "#5615 POLONIA Rez. Skowronno 6.09.1976 Peucedanum oreoselinum H. Szelegiewicz leg.", "Dysaphis apiifolia oreoselini ssp.n. H. Szelegiewicz det. HOLOTYPUS Dysaphis oreoselini Szel."

PARATYPE apt. female (No. 3352), data as for holotype.

PARATYPES 6 apt. females (No. 3353–3358), data as for holotype.

PARATYPES 6 apt. females (No. 3359–3364), data as for holotype.

PARATYPES 8 apt. females (No. 3365–3372), data as for holotype.

PARATYPES 3 apt. females and 1 male (No. 3373–3376), label: "#2978 POLONIA Warszawa-Bielany 21.09.1965 Peucedanum oreoselinum H. Szelegiewicz leg."; [additionally 2 juveniles].

PARATYPES 4 apt. females (No. 3377–3380), data as above; [additionally 2 juveniles].

PARATYPES 3 apt. females (No. 3381–3383), data as above; [additionally 3 juveniles].

PARATYPE apt. female (No. 3384), label: "#5632 POLONIA Rez. Skorocice ad Busko, wąwóz 8.09.1976 Peucedanum oreoselinum H. Szelegiewicz leg."

PARATYPES 36 apt. females (No. 3385–3420), data as above; [six slides, six specimens per slide].

Dysaphis peucedani SZELEGIEWICZ, 1982b: 167

HOLOTYPE apt. viv. female (No. 3421), label: "#5707 HUNGARIA Budaörs, Csikihegyek: Ló-hegy 5.06.1977 Peucedanum oreoselinum H. Szelegiewicz leg."

PARATYPES 3 apt. viv. females (No. 3422–3424), data as for holotype; [three slides, one specimen per slide].

PARATYPES 2 apt. viv. females (No. 3425–3426), data as for holotype; [additionally 1 specimen].

PARATYPE al. viv. female (No. 3427), data as for holotype; [additionally 2 apt. specimens].

Notes: Additional specimens labelled as paratypes, including 3 alates, are not here considered paratypes as the species is originally described from 1 al. viv. female and 8 apt. viv. females. Paratypes are also in the Hungarian Natural History Museum, Budapest.

Ephedraphis gobica SZELEGIEWICZ, 1963b: 125

HOLOTYPE apt. viv. female (No. 3428) and PARATYPES apt. viv. female and 2 larvae (No. 3429–3431), labels: "#1730 MONGOLIA Sajnášand 30.05.1962 Ephedra sp. R. Bielawski et B. Pisarski leg.", "Ephedraphis gobica sp.n. H. Szelegiewicz det. HOLOTYPUS et PARATYPY".

Notes: The holotype is not designated on the slide and it cannot be separated from the paratype with any certainty.

Ericaphis leclanti REMAUDIÈRE, 1971: 771

PARATYPE male (No. 3432), data handwritten on the glass: "9950 ♂ Ericaphis leclanti REMAUD.",

"PARATYPE", "Arctostaphylos uva ursi vers vallée du Rif Bel 1600 m H.A. 25 VII 1970 Remaudière".

PARATYPES 2 specimens (No. 3433–3434), data handwritten on the glass: "9950 *Ericaphis leclanti* REMAUD.", "PARATYPE", "Arctostaphylos uva ursi vers vallée du Rif Bel 1600 m H.A. 25 VII 1970 Remaudière".

Eulachnus bielawskii SZELEGIEWICZ, 1970: 15

HOLOTYPE apt. viv. female (No. 3435), label: "#3038 CHINA Nankin 15.11.1965 Pinus sp. R. Bielawski leg."

PARATYPES 1 al. viv. female and 2 apt. viv. females (No. 3436–3438), data as for holotype.

PARATYPES apt. viv. female and 5 juveniles (No. 3439–3444), data as for holotype.

PARATYPES 5 apt. specimens (No. 3445–3449), label: "#3042 CHINA Čan-lin, 70 km N Peking 10.11.1965 Pinus sp. R. Bielawski leg."

PARATYPE 1 apt. specimen (No. 3450), data as above.

PARATYPES 6 apt. specimens (No. 3451–3456), data as above; [two slides, three specimens per slide].

Current status: A synonym of *Eulachnus thunbergii* (WILSON, 1919).

Eutrichosiphum pseudopasaniae SZELEGIEWICZ, 1968: 466

HOLOTYPE apt. viv. female (No. 3457), label: "#3202 VIETNAM Thang Ha, prov. Hoa Binh 14.06.1966 Castanopsis sp. R. Bielawski et B. Pisarski leg."

PARATYPES 24 apt. viv. females (No. 3458–3481), data as for holotype; [four slides, six specimens per slide].

Holmania chaetosiphon SZELEGIEWICZ, 1964: 212

HOLOTYPE al. viv. female (No. 3482), label: "#2009 MONGOLIA 15 km N Bornur 1.08.1963 Stipa capitata H. Szelegiewicz leg."

Hyadaphis mongolica SZELEGIEWICZ, 1969a: 169

HOLOTYPE apt. viv. female (No. 3483), label: "#2022 MONGOLIA Hills ad Zunchara 2.08.1963

Bupleurum scorzonrifolium H. Szelegiewicz leg."; [additionally 2 juveniles].

PARATYPES 4 apt. viv. females (No. 3484–3487), data as for holotype; [four slides, one specimen per slide].

PARATYPES apt. viv. female and 2 nymphs (No. 3488–3490), data as for holotype.

PARATYPES 3 apt. viv. females (No. 3491–3493), data as for holotype.

PARATYPES 3 apt. viv. females (No. 3494–3496), data as for holotype; [additionally 1 juvenile].

PARATYPES 2 apt. viv. females and 4 nymphs (No. 3497–3502), data as for holotype; [additionally 9 juveniles].

Hyadaphis polonica SZELEGIEWICZ, 1959b: 6

HOLOTYPE apt. viv. female (No. 3503), label: "#93 POLONIA Bydgoszcz-Jachcice 19.08.1955 Umbelliferae H. Szelegiewicz leg."

Notes: The morph of the holotype is not given in the original description.

PARATYPE al. viv. female (No. 3504), data as for holotype.

PARATYPES 3 al. viv. females and 1 apt. viv. female (No. 3505–3508), data as for holotype.

PARATYPES 8 apt. viv. females (No. 3509–3516), data as for holotype.

Iziphya mackaueri QUEDNAU, 1971: 1103

PARATYPE apt. viv. female (No. 3517), label: "Carex sp. Belleville, Ont. Canada 20.7.62 H.E. Bisdee coll."

Iziphya mongolica QUEDNAU, 1969: 249

LECTOTYPE [present designation] apt. viv. female (No. 3518) and PARALECTOTYPES 2 apt. viv. females (No. 3519–3520), labels: "#2008 MONGOLIA 15 km N Bornur 1.08.1963 Carex sp. H. Szelegiewicz leg.", "Iziphya mongolica sp.n. HOLOTYPUS et PARATYPI W. Quednau det. Iziphya spenceri Richards H. Szelegiewicz det. LECTOTYPUS et PARALECTOTYPI M. Malcher des."

PARALECTOTYPES 9 apt. viv. females (No. 3521–3529), data as above; [three slides, three specimens per slide].

PARALECTOTYPES al. viv. female and 2 apt. viv. females (No. 3530–3532), data as above; [The alate specimen is illustrated in Fig. 6 in the QUEDNAU original paper].

PARALECTOTYPES 4 apt. viv. females (No. 3533–3536), data as above.

PARALECTOTYPES 9 apt. viv. females (No. 3537–3545), labels: “#2076 MONGOLIA Songino ad Ulan-Bator 9.08.1963 Carex sp. H. Szelegiewicz leg.”, “*Iziphya mongolica* sp.n. PARATYPI W. Quednau det. *Iziphya spenceri* Richards H. Szelegiewicz det. PARALECTOTYPI M. Malcher des.”; [three slides, three specimens per slide].

Notes: Although the collection contains specimens labelled as holotype and paratypes, they should be treated as syntypes because QUEDNAU did not designate one specimen as a type in the original description. He gave the following information: “Types: five apterous viviparous females and one alate viviparous female, (..); Paratypes: nineteen apterous viviparous females, data same as type and twenty-four apterous viviparous females and one alate viviparous female, (..).” Moreover, the specimen labelled as holotype was not indicated on the slide. Lectotype here designated: apterous viviparous female from sample #2008 with data cited above. This specimen is illustrated in Fig. 1 in the QUEDNAU original publication. The lectotype is indicated by a red arrow and placed on the left upper part of the slide. The remaining 26 apt. viv. females and 1 al. viv. female are made paralectotypes.

Current status: A synonym of *Iziphya spenceri* RICHARDS, 1958.

Iziphya variabilis QUEDNAU, 1969: 251

LECTOTYPE [present designation] apt. viv. female (No. 3546) and PARALECTOTYPE apt. viv. female (No. 3547), labels: “#1970 MONGOLIA 40 km N Dalan-Zargalan 26.07.1963 Carex sp. H. Szelegiewicz leg.”, “*Iziphya variabilis* sp.n. HOLOTYPUS et PARATYPUS W. Quednau det. LECTOTYPUS et PARALECTOTYPUS M. Malcher des.”; [additionally 1 juvenile].

PARALECTOTYPES 3 apt. viv. females (No. 3548–3550), data as above; [The specimen indicated by a black point on the left part of the slide

is illustrated in the QUEDNAU original publication on Fig. 2 with caption: “*Iziphya variabilis* sp. n., apterous viviparous female, pale form”].

PARALECTOTYPES 3 apt. viv. females (No. 3551–3553), data as above.

Notes: QUEDNAU did not designate one specimen as a type in the original description so all specimens must be treated as syntypes. He gave the following information: “Types: Five apterous viviparous females (...). Paratypes: Seven apterous viviparous females (...).” Lectotype here designated: apterous viviparous female from sample #1970 with data cited above. This specimen is illustrated in the QUEDNAU original publication on Fig. 3 with caption: “*Iziphya variabilis* sp. n., apterous viviparous female, dark form”. The lectotype is indicated by a red arrow and placed on the right part of the slide in a black circle. The remaining seven apt. viv. females with same data as for lectotype are made paralectotypes.

Klimaszewska (sic!) dracocephali SZELEGIEWICZ, 1979a: 568 [error typogr.]

HOLOTYPE apt. viv. female (No. 3554), labels: “#4809 MONGOLIA Narijn Teel 16.06.1977 *Dracocephalum foetidum* S.M. Klimaszewski leg.”, “*Klimaszewska g.n. dracocephali* sp.n. H. Szelegiewicz det. HOLOTYPUS”].

PARATYPE apt. viv. female (No. 3555), data as for holotype.

PARATYPE al. viv. female (No. 3556), data as for holotype except “1”.

PARATYPE al. viv. female (No. 3557), data as for holotype except “2”.

Notes: The collection date is given erroneously in the original publication as “19.VI.1977”. The date on SZELEGIEWICZ’s notebook is the same as on the label.

Klimaszewska dracocephali SZELEGIEWICZ, 1979a: 568. See *Klimaszewska (sic!) dracocephali* SZELEGIEWICZ, 1979a: 568 [error typogr.]

Lachnus (Schizodryobius) chosoni SZELEGIEWICZ, 1975: 575

HOLOTYPE apt. viv. female (No. 3576) and PARA-

TYPES 3 larvae (No. 3577–3579), labels: “#2533 KOREA Myohyang-san Mts. 5.08.1959 Quercus sp. B. Pisarski et J. Prószyński leg.”, “Lachnus chosoni sp.n. H. Szelegiewicz det. HOLOTYPUS et PARATYPI”.

Notes: The old determination label bore inscription “HOLOTYPUS” only, but in the original publication “some larvae” are cited as paratypes.

PARATYPES 2 apt. viv. females (No. 3580–3581), data as for holotype.

Lachnus pichtae MORDVILKO, 1894: 104

SYNTYPE apt. viv. female (No. 3558), labels: “BOHEMIA Karlsbad 10.07.1893 Abies pichta M. Pawłowa leg.”, “Lachnus pichtae sp.n. A. Mordvilko det. SYNTYPUS H. Szelegiewicz prep. et transcr.”.

SYNTYPE apt. viv. female (No. 3559), data as above.

SYNTYPE apt. viv. female (No. 3560), data as above.

SYNTYPES 2 apt. viv. females (No. 3561–3562), data as above.

SYNTYPES 3 apt. viv. females (No. 3563–3565), data as above.

Notes: As the host plant in the original description *Abies pectinata* is given.

Current status: A synonym of *Cinara pectinatae* (NOORDLINGER, 1880).

Lachnus pinihabitans MORDVILKO, 1895: 118

SYNTYPE 1 al. specimen (No. 3566), labels: “POLONIA Otwock 3.10.1894 Pinus sylvestris A. Mordvilko leg.”, “Cinara pinihabitans sp.n. A. Mordvilko det. SYNTYPUS H. Szelegiewicz prep. et transcr.”.

SYNTYPES 3 apt. females (No. 3567–3569), data as above; [three slides, one specimen per slide].

SYNTYPES 6 apt. females (No. 3570–3575), data as above; [two slides, three specimens per slide].

Notes: In the original publication MORDVILKO described an apterous oviparous female, an alate viviparous female and an alate male.

Current status: *Cinara pinihabitans* (MORDVILKO, 1895).

Lidaja heinzei BÖRNER, 1952a: 252

SYNTYPES 6 apt. specimens (No. 3582–3587),

labels: “GERMANIA Wangerooge 28.08.1950 Artemisia maritima ex coll. Carl Börner E.c.A. Nr 441 H. Szelegiewicz prep.”, “Coloradoa (*Lidaja*) heinzei sp.n. C. Börner det. COTYPI”.

Current status: *Coloradoa heinzei* (BÖRNER, 1952).

Macrosiphoniella (M.) abrotani chosoni SZELEGIEWICZ, 1980: 427

HOLOTYPUS apt. viv. female (No. 3630), labels: “#2660 KOREA P’yongyang 29.05.1965 Artemisia messerschmidiana M. Mroczkowski et A. Riedel leg.”, “Macrosiphoniella abrotani chosoni ssp.n. H. Szelegiewicz det. HOLOTYPUS”.

PARATYPES 2 apt. viv. females (No. 3631–3632), data as for holotype; [two slides, one specimen per slide].

PARATYPES 1 al. viv. female and 2 apt. viv. females (No. 3633–3635), data as for holotype.

PARATYPES 1 al. viv. female and 2 apt. viv. females (No. 3636–3638), data as for holotype.

Macrosiphoniella (Phalangomyzus) antennata HOLMAN et SZELEGIEWICZ, 1978: 189

HOLOTYPUS apt. viv. female (No. 3972), label: “#1985 MONGOLIA Ulan-Bator 30.07.1963 Artemisia sp. H. Szelegiewicz leg.”.

PARATYPES 8 apt. viv. females (No. 3973–3980), data as for holotype; [four slides, two specimens per slide].

PARATYPE al. viv. female (No. 3981), data as for holotype.

PARATYPES 2 apt. viv. females (No. 3982–3983), label: “#2057 MONGOLIA Suche-Bator 6.08.1963 Artemisia sp. H. Szelegiewicz leg.”.

PARATYPE al. viv. female (No. 3984), data as above.

PARATYPE apt. viv. female (No. 3985), data as above.

PARATYPES 2 apt. viv. females (No. 3986–3987), label: “#2070 MONGOLIA Zunchara 8.08.1963 Artemisia sp. H. Szelegiewicz leg.”.

PARATYPES 8 apt. viv. females (No. 3988–3995), data as above; [four slides, two specimens per slide].

PARATYPE apt. viv. female (No. 3996), data as above.

PARATYPE al. viv. female (No. 3997), data as above.

Macrosiphoniella (Phalangomyzus) antennata takahashii SZELEGIEWICZ, 1980: 446

HOLOTYPE apt. viv. female (No. 3998), label: "#3363 KOREA Prov. Kangwŏn-do: Ch'ŏnsam-ri, 10 km S Wŏnsan 3.09.1966 Artemisia messerschmidiana H. Szelegiewicz leg."

PARATYPES 12 apt. viv. females (No. 3999–4010), data as for holotype; [four slides, three specimens per slide].

PARATYPES 3 apt. viv. females (No. 4011–4013), label: "#1595 KOREA Ch'ŏngjin 14.08.1959 Artemisia sp. B. Pisarski et J. Prószyński leg."

Macrosiphoniella atra latysiphon HOLMAN et SZELEGIEWICZ, 1978: 181

HOLOTYPE apt. viv. female (No. 3639), label: "#2070 MONGOLIA Zunchara 8.08.1963 Artemisia sp. H. Szelegiewicz leg."

PARATYPES 8 apt. viv. females (No. 3640–3647), data as for holotype. [eight slides, one specimen per slide].

PARATYPE al. viv. female (No. 3648), label: "#1975 MONGOLIA 30 km N Mant 28.07.1963 Artemisia sp. H. Szelegiewicz leg."

PARATYPES 4 apt. viv. females (No. 3649–3652), data as above; [additionally 1 juvenile].

PARATYPES 16 apt. viv. females (No. 3653–3668), data as above; [four slides, four specimens per slide].

PARATYPES 3 apt. viv. females (No. 3669–3671), label: "#1976 MONGOLIA 30 km N Mant 28.07.1963 Artemisia sp. H. Szelegiewicz leg."

PARATYPE al. viv. female (No. 3672), data as above.

PARATYPE apt. viv. female (No. 3673), label: "#1744 MONGOLIA Cherulen Buudal 7.06.1962 Artemisia sp. R. Bielawski et B. Pisarski leg."

Notes: The collection date in the original publication is erroneously cited as "7.VII.1962". The date on the notebook of SZELEGIEWICZ is the same as on the labels. It refers to the paratypes from samples #1744 and #1739.

PARATYPE apt. viv. female (No. 3674), data as above; [additionally 2 juveniles].

PARATYPE apt. viv. female (No. 3675), data as above; [additionally 3 juveniles].

PARATYPES 2 apt. viv. females (No. 3676–3677), label: "#1739 MONGOLIA Cherulen Buudal 7.06.1962 czerpak R. Bielawski et B. Pisarski leg."

Notes: The collection date in the original publication is erroneously cited as "7.VII.1962".

PARATYPES 2 apt. viv. females (No. 3678–3679), label: "#1986 MONGOLIA Nucht ad Ulan-Bator 30.07.1963 Artemisia sp. H. Szelegiewicz leg."; [additionally 1 juvenile].

PARATYPES 3 apt. viv. females (No. 3680–3682), data as above.

PARATYPES 2 apt. viv. females (No. 3683–3684), data as above; [additionally 1 specimen].

PARATYPE apt. viv. female (No. 3685), label: "#2423 MONGOLIA Zaisan 29.08.1964 Artemisia sp. W. Bazyluk et S.M. Klimaszewski leg."

PARATYPES 3 apt. viv. females (No. 3686–3688), data as above.

PARATYPES 2 apt. viv. females (No. 3689–3690), data as above.

PARATYPES 3 apt. viv. females (No. 3691–3693), label: "#2428 MONGOLIA Selbe Gol 30.08.1964 Artemisia adamsii W. Bazyluk et S.M. Klimaszewski leg."; [additionally 1 juvenile].

Notes: The collection date in the original description is given as follows: "31.VIII.1964".

PARATYPES 2 apt. viv. females (No. 3694–3695), data as above; [additionally 2 juveniles].

PARATYPES 2 apt. viv. females (No. 3696–3697), label: "#2038 MONGOLIA Zunchara 3.08.1963 Artemisia sieversiana H. Szelegiewicz leg."

PARATYPES 6 apt. viv. females (No. 3698–3703), data as above; [six slides, one specimen per slide].

Macrosiphoniella cegmidi SZELEGIEWICZ, 1963b: 132

HOLOTYPE apt. viv. female (No. 3588), label: "#1720 MONGOLIA Ulan-Bator, 1300 m 21.05.1962 Artemisia sp. R. Bielawski et B. Pisarski leg."

PARATYPES 3 apt. viv. females (No. 3589–3591), data as for holotype.

Macrosiphoniella (Asterobium) crepidis HOLMAN et SZELEGIEWICZ, 1974a: 161

HOLOTYPE apt. viv. female (No. 3602), label:

"#2055 MONGOLIA Suche-Bator 6.08.1963 *Crepis* sp. H. Szelegiewicz leg."

PARATYPES 8 apt. viv. females (No. 3603–3610), data as for holotype; [eight slides, one specimen per slide].

PARATYPE apt. viv. female (No. 3611), label: "#2021 MONGOLIA Zunchara 2.08.1963 *Crepis tenuifolia* H. Szelegiewicz leg."

PARATYPE apt. viv. female (No. 3612), data as above.

PARATYPES 2 apt. viv. females (No. 3613–3614), data as above.

PARATYPES 2 apt. viv. females (No. 3615–3616), label: "#2086 MONGOLIA Zaisan ad Ulan-Bator 11.08.1963 *Crepis* sp. H. Szelegiewicz leg."

PARATYPES 2 apt. viv. females (No. 3617–3618), data as above.

PARATYPE apt. viv. female (No. 3619), data as above.

Macrosiphoniella (Asterobium) davazhamci
HOLMAN et SZELEGIEWICZ, 1974a: 163

HOLOTYPE apt. viv. female (No. 3620), label: "#1965 MONGOLIA 20 km N Sajn-Šand 24.07.1963 *Aster (Heteropappus) hispidus* H. Szelegiewicz leg."

PARATYPES 6 apt. viv. females (No. 3621–3626), label: "#1972 MONGOLIA 22 km N Mant 28.07.1963 *Aster (Heteropappus) hispidus* H. Szelegiewicz leg."; [two slides, three specimens per slide].

PARATYPES 3 apt. viv. females (No. 3627–3629), label: "#2447 MONGOLIA Ich Tamir 12.09.1964 *Aster (Heteropappus) hispidus* W. Bazyluk et S.M. Klimaszewski leg."

Macrosiphoniella (Macrosiphoniella) frigidivora
HOLMAN et SZELEGIEWICZ, 1974a: 168

HOLOTYPE apt. viv. female (No. 3704), labels: "#2052 MONGOLIA Suche-Bator 6.08.1963 *Artemisia frigida* H. Szelegiewicz leg.", "*Macrosiphoniella frigidivora* sp.n. J. Holman et H. Szelegiewicz det. HOLOTYPUS".

PARATYPES 2 apt. viv. females (No. 3705–3706), data as for holotype; [two slides, one specimen per slide].

PARATYPES 2 apt. viv. females (No. 3707–3708), data as for holotype.

PARATYPE al. viv. female (No. 3709), label: "#2019 MONGOLIA Zunchara 2.08.1963 *Artemisia frigida* H. Szelegiewicz leg."

PARATYPES 20 apt. viv. females (No. 3710–3729), data as above; [five slides, four specimens per slide].

PARATYPES 2 apt. viv. females (No. 3730–3731), data as above.

PARATYPES 2 apt. viv. females (No. 3732–3733), label: "#1958 MONGOLIA 30 km S Čojr 20.07.1963 *Artemisia frigida* H. Szelegiewicz leg."

PARATYPES 2 apt. viv. females (No. 3734–3735), data as above.

PARATYPE apt. viv. female (No. 3736), data as above.

PARATYPES 3 apt. viv. females (No. 3737–3739), data as above.

PARATYPES 4 apt. viv. females (No. 3740–3743), label: "#1967 MONGOLIA 40 km N Sajn-Šand 24.07.1963 *Artemisia frigida* H. Szelegiewicz leg."

Macrosiphoniella (Phalangomyzus) gmelincola
SZELEGIEWICZ, 1980: 449

HOLOTYPE apt. viv. female (No. 3896), label: "#2632 KOREA Prov. Ch'öngjin-si: Musan-ryöng ca 60 km N Ch'öngjin 2.06.1965 *Artemisia gmelini* M. Mroczkowski et A. Riedel leg."; [specimen illustrated in Phot. 13 in the original publication].

PARATYPES 2 juveniles (No. 3897–3898), data as for holotype.

Macrosiphoniella jaroslavi SZELEGIEWICZ, 1980: 430

HOLOTYPE apt. viv. female (No. 3744) and PARATYPES 4 juveniles (No. 3745–3748), labels: "#3287 KOREA Prov. P'yöngyang-si: Taesöng-san 19.08.1966 *Artemisia messerschmidtiana* var. *discolor* H. Szelegiewicz leg.", "*Macrosiphoniella jaroslavi* sp.n. H. Szelegiewicz det. HOLOTYPUS et PARATYPI".

Notes: The holotype is indicated by a red arrow and placed in the black circle in the central part of the slide.

PARATYPES 2 apt. viv. females and 2 juveniles (No. 3749–3752), data as for holotype.

PARATYPES 3 apt. viv. females and 2 juveniles (No. 3753–3757), data as for holotype.

PARATYPES 4 apt. viv. females and 2 juveniles (No. 3758–3763), data as for holotype.

PARATYPES 2 al. viv. and 2 apt. viv. females (No. 3764–3767), label: “#3295 KOREA Prov. P’yŏngyang-si: Taesŏng-san 22.08.1966 *Artemisia messerschmidtiana* var. *discolor* H. Szelegiewicz leg.”.

PARATYPES 10 apt. viv. females (No. 3768–3777), data as above; [two slides, five specimens per slide].

PARATYPES 2 apt. viv. females (No. 3778–3779), label: “#1594 KOREA P’yŏngyang 18.07.1959 *Artemisia* sp. B. Pisarski et J. Prószyński leg.”.

PARATYPES 3 apt. viv. females (No. 3780–3782), data as above.

PARATYPES 4 al. viv. and 8 apt. viv. females (No. 3783–3794), data as above; [four slides, one al. and two apt. specimens per slide].

PARATYPES 3 apt. viv. females (No. 3795–3797), label: “#3365 KOREA Prov. Kangwŏn-do: Ch’ŏnsam-ri, 10 km S Wŏnsan 3.09.1966 *Artemisia messerschmidtiana* var. *discolor* H. Szelegiewicz leg.”.

PARATYPES 3 apt. viv. females (No. 3798–3800), data as above.

Notes: The collection contains two additional slides with six specimens from Ch’ŏnsam-ri labelled as paratypes but they are not here considered types. According to the original publication only 6 paratypes come from this locality.

PARATYPE apt. viv. female (No. 3801), label: “#3450 KOREA Prov. Hamhŭng-si: Tŏksan-ri, ca 12 km N Hamhŭng 14.09.1966 *Artemisia messerschmidtiana* var. *discolor* H. Szelegiewicz leg.”.

PARATYPES 12 apt. viv. females (No. 3802–3813), data as above; [four slides, three specimens per slide].

Macrosiphoniella (M.) kikungshana sylvaticae SZELEGIEWICZ, 1980: 436

HOLOTYPE apt. viv. female (No. 3814), labels: “#3498 KOREA Prov. Hamgyŏng-namdo:

Myohyang-san, Sangwŏn-am, distr. Hyangsan 23.09.1966 *Artemisia sylvatica* H. Szelegiewicz leg.”, “*Macrosiphoniella kikungshana sylvaticae* ssp.n. H. Szelegiewicz det. HOLOTYPUS”.

PARATYPE al. viv. female (No. 3815), data as for holotype.

PARATYPES 4 apt. viv. females (No. 3816–3819), data as for holotype; [four slides, one specimen per slide].

PARATYPES 2 apt. viv. females (No. 3820–3821), data as for holotype.

Macrosiphoniella (Macrosiphoniella) longirostrata HOLMAN et SZELEGIEWICZ, 1974a: 171

HOLOTYPE apt. viv. female (No. 3822), labels: “#1967 MONGOLIA 40 km N Sajn-Šand 24.07.1963 *Artemisia frigida* H. Szelegiewicz leg.”, “*Macrosiphoniella longirostrata* sp.n. J. Holman et H. Szelegiewicz det. HOLOTYPUS”.

PARATYPE apt. viv. female (No. 3823), data as for holotype.

PARATYPE apt. viv. female (No. 3824), label: “#1958 MONGOLIA 30 km S Čojr 20.07.1963 *Artemisia frigida* H. Szelegiewicz leg.”.

PARATYPE apt. viv. female (No. 3825), label: “#2019 MONGOLIA Zunchara 2.08.1963 *Artemisia frigida* H. Szelegiewicz leg.”.

Macrosiphoniella (Chosoniella) myohyangsani SZELEGIEWICZ, 1980: 424

HOLOTYPE apt. viv. female (No. 3949), label: “#3499 KOREA Prov. Hamgyŏng-namdo: Sangwŏn-am, distr. Hyangsan 23.09.1966 *Artemisia sylvatica* H. Szelegiewicz leg.”.

PARATYPE al. viv. female (No. 3950), data as for holotype.

PARATYPES 6 apt. viv. females (No. 3951–3956), data as for holotype; [six slides, one specimen per slide].

PARATYPES 6 apt. viv. females (No. 3957–3962), data as for holotype; [two slides, three specimens per slide].

Macrosiphoniella (Ramitrichophorus) nasti SZELEGIEWICZ, 1958: 41

HOLOTYPE apt. viv. female (No. 3899), labels: “377 POLONIA Bydgoszcz 30.07.1956 *Helichrysum*

arenarium H. Szelegiewicz leg.", "Macrosiphoniella (Ramitrichophorus) nasti sp.n. H. Szelegiewicz det. HOLOTYPUS Macrosiphoniella medvedevi (Bozhko) H. Szelegiewicz det."

PARATYPE al. viv. female (No. 3900), data as for holotype.

PARATYPES 3 apt. viv. females (No. 3901–3903), data as for holotype.

PARATYPES 5 apt. viv. females (No. 3904–3908), data as for holotype.

Current status: A synonym of *Macrosiphoniella (R.) medvedevi* (BOZHKO, 1957).

***Macrosiphoniella nidensis* SZELEGIEWICZ, 1960: 257**

HOLOTYPUS apt. viv. female (No. 3592), labels: "#1014 POLONIA Rezerwat Krzyżanowice, distr. Pińczów 15.07.1959 Artemisia campestris H. Szelegiewicz leg.", "Macrosiphoniella nidensis sp.n. HOLOTYPUS H. Szelegiewicz det. Macrosiphoniella subaequalis Börner H. Szelegiewicz det."

PARATYPES 3 apt. viv. females (No. 3593–3595), data as for holotype.

Current status: A synonym of *Macrosiphoniella subaequalis* BÖRNER, 1942.

***Macrosiphoniella (Asterobium) ohatensis* SZELEGIEWICZ, 1966b: 454**

HOLOTYPUS apt. viv. female (No. 3909), label: "#2326 HUNGARIA Pusztakócs: Ohat 25.06.1964 Aster punctatus H. Szelegiewicz leg."

PARATYPES 1 al. viv. and 2 apt. viv. females (No. 3910–3912), data as for holotype.

PARATYPES 24 apt. viv. females (No. 3913–3936), data as for holotype; [eight slides, three specimens per slide].

PARATYPES 2 apt. viv. females (No. 3937–3938), data as for holotype; [additionally 4 juveniles].

PARATYPES 3 apt. viv. females (No. 3939–3941), data as for holotype; [three slides, one specimen per slide].

PARATYPES 3 apt. viv. females (No. 3942–3944), label: "#2963 HUNGARIA Pusztakócs: Ohat 10.09.1965 Aster punctatus H. Szelegiewicz leg."

Current status: A synonym of *Macrosiphoniella (A) galatellae* Bozhko, 1953. In the collection this

species is treated as a synonym of *Macrosiphoniella (A) linariae* (Koch, 1855).

***Macrosiphoniella (M.) oronensis* SZELEGIEWICZ, 1980: 438**

HOLOTYPUS apt. viv. female (No. 3826) and PARATYPES 2 specimens (No. 3827–3828), labels: "#3459 KOREA Prov. Hamgyöng-namdo: Oro, ca 19 km NW Hamhüng 15.09.1966 Artemisia japonica H. Szelegiewicz leg.", "Macrosiphoniella oronensis sp.n. H. Szelegiewicz det. HOLOTYPUS et PARATYPI"

Notes: The holotype is indicated by a red arrow and placed on the central part of the slide.

***Macrosiphoniella papillata* HOLMAN, 1962: 29**

PARATYPE apt. viv. female (No. 3963) label: "3760 /apt. Centaurea diffusa Alushta Krym SSSR 23-VII-60 Col. J. Holman"

PARATYPE apt. viv. female (No. 3964), data as above.

***Macrosiphoniella (Papillomyzus) riedeli* SZELEGIEWICZ, 1963a: 54**

HOLOTYPUS apt. viv. female (No. 3965), label: "#1588 SYRIA 1588 Damaskus 9.05.1961 Carduus sp. A. Riedel leg."

PARATYPES 6 apt. viv. females (No. 3966–3971), data as for holotype.

***Macrosiphoniella sainshandi* SZELEGIEWICZ, 1963b: 134**

HOLOTYPUS apt. viv. female (No. 3829) and PARATYPE apt. viv. female (No. 3830), labels: "#1731 MONGOLIA 17 km SE Sajn-Šand 31.05.1962 Artemisia sp. R. Bielawski et B. Pisarski leg.", "Macrosiphoniella sainshandi sp. n. H. Szelegiewicz det. HOLOTYPUS et PARATYPUS"

Notes: The specimen mounted on the left part of the slide is illustrated in Fig. 11 in the original publication. Instead of the inscription "HOLOTYPUS et PARATYPUS" the old identification label bore the inscription "HOLOTYPUS".

Current status: *Macrosiphoniella abrotani sainshandi* SZELEGIEWICZ, 1963.

Macrosiphoniella saussureae HOLMAN et SZELEGIEWICZ, 1978: 186

HOLOTYPE apt. viv. female (No. 3831), label: “#1971 MONGOLIA Mant 28.07.1963 Saussurea salicifolia H. Szelegiewicz leg.”.

PARATYPES 22 apt. viv. females (No. 3832–3853), data as for holotype; [eleven slides, two specimens per slide].

PARATYPES 2 apt. viv. and 1 al. viv. females (No. 3854–3856), data as for holotype; [three slides, one specimen per slide].

PARATYPE apt. viv. female (No. 3857), label: “#1972 MONGOLIA 22 km N Mant 28.07.1963 H. Szelegiewicz leg.”.

Notes: The label does not include the name of the host plant. In the original publication only *Saussurea salicifolia* is cited as the host plant while *Aster hispidus* is written on the SZELEGIEWICZ notebook.

PARATYPES 3 apt. viv. females (No. 3858–3860), label: “#2445 MONGOLIA Ich Tamir 12.09.1964 Saussurea salicifolia W. Bazyluk et S.M. Klimaszewski leg.”.

Notes: The date in the original description is erroneously cited as “12.X.1964”. The date in the notebook is the same as on the label.

PARATYPES 3 apt. viv. females (No. 3861–3863), data as above.

PARATYPES 4 apt. viv. females (No. 3864–3867), data as above.

Macrosiphoniella (Macrosiphoniella) sieversianae HOLMAN et SZELEGIEWICZ, 1974a: 175

HOLOTYPE apt. viv. female (No. 3868), labels: “#2045 MONGOLIA Darchan 4.08.1963 Artemisia sieversiana H. Szelegiewicz leg.”, “*Macrosiphoniella sieversianae* sp.n. J.Holman et H. Szelegiewicz det. HOLOTYPUS”.

PARATYPES 6 apt. viv. females (No. 3869–3874), data as for holotype; [two slides, three specimens per slide].

PARATYPES 2 al. viv. females (No. 3875–3876), data as for holotype.

Macrosiphoniella (Macrosiphoniella) sojaki HOLMAN et SZELEGIEWICZ, 1974a: 167

HOLOTYPE apt. viv. female (No. 3877), labels: “#2028 MONGOLIA Zunchara 2.08.1963 Artemisia rutifolia H. Szelegiewicz leg.”, “*Macrosiphoniella sojaki* sp.n. J. Holman et H. Szelegiewicz det. HOLOTYPUS”.

PARATYPES 6 apt. viv. females (No. 3878–3883), data as for holotype; [three slides, two specimens per slide].

Macrosiphoniella soongarica SZELEGIEWICZ, 1963b: 135

HOLOTYPE apt. viv. female (No. 3884), label: “#1759 MONGOLIA Ulan-Bator 13.06.1962 R. Bielawski et B. Pisarski leg.”.

Notes: The host plant is not given in the original description.

PARATYPES 1 al. viv. and 2 apt. viv. females (No. 3885–3887), data as for holotype.

Current status: *Macrosiphoniella nitida soongarica* SZELEGIEWICZ, 1963.

Macrosiphoniella (Asterobium) soosi SZELEGIEWICZ, 1966b: 451

HOLOTYPE apt. viv. female (No. 3945), label: “#2964 HUNGARIA Pusztakócs: Ohat 10.09.1965 Aster punctatus H. Szelegiewicz leg.”.

PARATYPES 3 apt. viv. females (No. 3946–3948), data as for holotype; [three slides, one paratype and 2 additional juveniles per slide].

Macrosiphoniella szalaymarzsoi SZELEGIEWICZ, 1978: 216

HOLOTYPE apt. viv. female (No. 3596), label: “#2248 HUNGARIA Tihany 17.05.1961 Artemisia alba ssp. saxatilis L. Szalay-Marzso leg.”.

PARATYPE apt. viv. female (No. 3597), data as for holotype.

PARATYPE apt. viv. female (No. 3598), data as for holotype; [specimen illustrated in Fig. 3 in the original publication].

PARATYPE apt. viv. female (No. 3599), data as for holotype; [additionally 2 juveniles].

PARATYPE apt. viv. female (No. 3600), data as for holotype; [additionally 2 alateform juveniles].

PARATYPE al. viv. female (No. 3601), data as for holotype; [additionally 2 juveniles; specimen illustrated in Fig.4 in the original publication].

Macrosiphoniella (M.) taesongsanensis SZELEGIEWICZ, 1980: 440

HOLOTYPE apt. viv. female (No. 3888), labels: "#3293 KOREA Prov. P'yŏngyang-si: Taesŏng-san 22.08.1966 Artemisia princeps var. orientalis H. Szelegiewicz leg.", "Macrosiphoniella taesongsanensis sp.n. H. Szelegiewicz det. HOLOTYPE"; [specimen illustrated in Phot. 10. in the original publication].

Notes: The sample number of the holotype is erroneously cited in the original publication as "3243". The number of sample (#3293) and the other data printed on the label correspond with the data on SZELEGIEWICZ's notebook.

PARATYPES 2 apt. viv. females and 2 juveniles (No. 3889–3892), data as for holotype.

PARATYPES 1 apt. viv. female and 2 juveniles (No. 3893–3895), data as for holotype.

Macrosiphum atragenae HOLMAN, 1980: 20

PARATYPE apt. viv. female (No. 4014), label: "16260 apt.26 Clematis (Atragene) alpina Valea Sîmbetei jud.Braşov România 17.VII.76 Leg. J. Holman".

PARATYPES 4 apt. viv. females (No. 4015–4018), data as above except the serial number as follows: "apt.30", "apt.36", "apt.39", "apt.40"; [four slides, one specimen per slide].

Macrosiphum cuscutae HOLMAN, 1974a: 139

PARATYPES 2 apt. viv. females (No. 4019–4020), label: "9328A Cuscuta umbellata Maniadero (Zapata) Cuba L.V. 28-IV-65 Col. J. Holman".

PARATYPES 2 apt. viv. females (No. 4021–4022), data as above.

Current status: *Sitobion cuscutae* (HOLMAN, 1974).

Macrosiphum illini sangamonensis HOTTES et FRISON, 1931: 312

PARATYPE apt. viv. female (No. 4023), three labels:

"APHIDIDAE Uroleucon (Uromelan) illini var. sangamonense Ap.viv.♀ sl.10196 Det. F.C. Hottes, ILL. NAT. HIST. SUR.", "PARATYPE Macrosiphum illini var. sangamonensis Hottes and Frison", "Decatur, Ill. IX.21.1929. Coll. F.C. Hottes. On Helianthus sp."

Notes: The collection date given in the original description is "October 21, 1929".

Current status: A synonym of *Uroleucon illini* (HOTTES et FRISON, 1931).

Macrosiphum knautiae HOLMAN, 1972: 175

PARATYPES 3 apt. females (No. 4024–4026), label: "12760 apt.55–57 Knautia drymeia Ochoz u Brna Moravia centr. ČSSR 9.7.70 Col. J. Holman".

PARATYPES 9 apt. females (No. 4027–4035), data as above except the serial numbers as follows: "apt.64–66", "apt.67–69", "apt.70–72"; [three slides, three specimens per slide].

PARATYPES 2 al. females (No. 4036–4037), data as above except "al.11–12".

PARATYPES 2 apt. females (No. 4038–4039), label: "12902 ♀ 5–6 Knautia drymeia Ochoz u Brna Moravia centr. ČSSR 22.10.70 (lab. cult.) Col. J. Holman".

PARATYPES 3 apt. females (No. 4040–4042), label: "12910A ♀ 16–18 Knautia drymeia Ochoz u Brna Moravia centr. ČSSR 22.10.70 (labor. cult.) Det.(sic) J. Holman".

PARATYPES apt. viv. female and fundatrix (No. 4043–4044) label: "10837 apt.10 fund.10 Knautia silvestris Pustý Žleb (Mor. kras) Moravia centr. ČSSR 20.5.67 Col. J. Holman".

Notes: As the host plant of the types from Moravian region *Knautia drymeia* is cited in the original publication.

Macrosiphum laseri HOLMAN, 1962: 34

PARATYPE 1 apt. specimen (No. 4045), label: "3793 Laser trilobum Angarskij Pereval Krym SSSR 10-VII-60 Col. J. Holman".

Notes: The collection date in the original publication is given as "13.7.1960".

Macrosiphum lisae HEIE, 1965: 31

PARATYPE 1 apt. specimen (No. 4046), labels: "Macrosiphum lisae Heie Paratype 603 OH",

"*Chamaenerium angustifolium* Blokhus Danmark 20-7-1964 3032 ck OH".

***Macrosiphum paczoskii turanicum* NEVSKY, 1929b: 70**

SYNTYPES 3 apt. viv. females (No. 4047–4049), labels: "KAZACHSTAN Mt. Aktash VI.1926 *Echinops karatavicum* ex coll. V.P. Nevsky H. Szelegiewicz prep.", "MACROSIPHUM *paczoskii turanicum* ssp.n. V.P. Nevsky det. SYNTYPUS *Paczoskia paczoskii turanica* (Nev.) H. Szelegiewicz det."; [three slides, one specimen per slide]. Current status: *Paczoskia paczoskii turanica* (NEVSKY, 1929).

***Macrosiphum silvaticum* MEIER, 1985: 136**

PARATYPE apt. viv. female (No. 4050), labels: "Macrosiphum silvaticum Meier Paratypus Coll. H. Suter", "Nr.16'813 Pfl. *Knautia arvensis* Loc. Oberhallau Dat. 14.5.74 Leg. W. Meier".

PARATYPE al. viv. female (No. 4051), data as above except "Nr.16'796".

PARATYPE apt. viv. female (No. 4052), labels: "Macrosiphum silvaticum Meier Paratypus Coll. W. Sauter", "Nr.18'406 Pfl. *Knautia silvatica* Loc. Zuoz E Dat. 1977 Leg. W. Meier".

Notes: The collection date in the original publication is given as "July 23, 1977"; E = Engadin.

***Maculolachnus sijpkensi* HILLE RIS LAMBERS, 1962: 1031**

PARATYPES 4 oviparous females (No. 4053–4056), labels: "Maculolachnus sijpkensis (sic) n.sp. paratypes Det.: D.H.R.L.", "N. Canada Pl. *Rosa acicularis* Loc. Ivenhoe Lake Date 6/7-IX-1959 Leg. J. Sijpkens 15".

***Mariaella lambersi* SZELEGIEWICZ, 1961: 191**

HOLOTYPE apt. viv. female (No. 4057), labels: "#805 POLONIA Zakopane, distr. Nowy Targ 7.07.1958 *Myricaria germanica* H. Szelegiewicz leg.", "Mariaella lambersi gen. et sp. n. H. Szelegiewicz det. HOLOTYPUS".

PARATYPE apt. viv. female (No. 4058), data as for holotype.

PARATYPES 1 al. viv. and 4 apt. viv. females (No. 4059–4063), data as for holotype.

***Megouroparsus kislankoi* SMITH et HEIE, 1963: 403**

PARATYPES 2 apt. viv. females and 2 nymphs (No. 4064–4067), labels: "Megouroparsus kislankoi Sm. & He. Paratype 61-202 S-H", "Lespedeza Umstead Park. Raleigh N.C. USA 6-9-1961 3148 dh S-H". Current status: A synonym of *Microparsus singularis* (HOTTE et FRISON, 1931).

***Microsiphum giganteum* NEVSKY, 1928: 191**

SYNTYPES 2 apt. viv. females (No. 4068–4069), labels: "KAZACHSTAN Alexandrovsky Range, 2500 m *Artemisia dracunculus* ex coll. V.P. Nevsky (Original serie!) H. Szelegiewicz prep.", "Microsiphum giganteum sp.n. V.P. Nevsky det. SYNTYPI".

SYNTYPES 3 apt. viv. females (No. 4070–4072), data as above.

***Neaphis viridis* NEVSKY, 1929a: 206**

SYNTYPES 1 al. and 5 apt. females (No. 4073–4078), labels: "UZBEKISTAN Tashkent 17.10.1927 *Artemisia annua* ex coll. V.P. Nevsky H. Szelegiewicz prep.", "Neaphis viridis sp.n. V.P. Nevsky det. COTYPI *Coloradoa viridis* (Nevsky) H. Szelegiewicz det."

Notes: The collection date in the original publication is given as "15.X.1927".

Current status: *Coloradoa viridis* (NEVSKY, 1929).

***Neobacillaphis szelegiewiczzi* HUCULAK, 1968a: 426**

HOLOTYPE apt. viv. female (No. 4079) label: "POLONIA Olsztyn-Kortowo 30.07.1966 *Carex* sp. S. Huculak leg."

PARATYPES 6 apt. viv. females (No. 4080–4085), data as for holotype; [six slides, one specimen per slide].

PARATYPES 6 al. viv. females (No. 4086–4091), data as for holotype; [six slides, one specimen per slide].

PARATYPE 1 specimen (No. 4092), data as for holotype.

Neolizerius Acunai HOLMAN, 1974a: 61

PARATYPE apt. female (No. 4093), labels: "Neolizerius acunai sp.n. Paratypus", "10195 A / apt.3 Nectandra reticularis Pico Turquino Cuba, Ote. Sra.Maestra 10-VIII-65 Col. J. Holman".

Current status: *Lizerius acunai* (HOLMAN, 1974).

Neophyllaphis rappardi HILLE RIS LAMBERS, 1967: 62

PARATYPES 2 al. viv. females (No. 4094–4095), labels: "Neophyllaphis rappardi nov. spec. paratype Det. D. H.R.L.", "N. Dutch New Guinea Pl. Agathis labillardieri Loc. Bosnik (Biak) Date 14.II.1957 Leg. F.W. Rappard 63"; [additionally 2 juveniles].

Neuquenaphis flavipes HILLE RIS LAMBERS, 1968: 274

PARATYPES 2 al. viv. females (No. 4096–4097), labels: "Neuquenaphis flavipes n.sp. paratypes Det.: D. H.R.L.", "N. Chile Pl. Nothofagus oblique Loc. Les Muermos, Llanquihue Date 18.I.'67 Leg. Zuniga 11".

Current status: A synonym of *Neuquenaphis edwardsi* (LAING, 1927).

Obtusicauda mongolica HOLMAN et SZELEGIEWICZ, 1979: 404

HOLOTYPE apt. viv. female (No. 4098), label: "#2053 MONGOLIA Suche-Bator 6.08.1963 Artemisia frigida H. Szelegiewicz leg."

PARATYPES 4 apt. viv. females (No. 4099–4102), data as for holotype; [two slides, two specimens per slide].

PARATYPES 8 apt. viv. females (No. 4103–4110), data as for holotype; [two slides, four specimens per slide].

Paczoskia colchica HOLMAN, 1981b: 106

PARATYPES apt. viv. female and 3 ovip. females (No. 4111–4114) label: "15285 apt.42 ♀ 53–55 Echinops galaticus Lazarevskaja Krasnodar. kraj SSSR 29.X.74 Leg. J. Holman".

PARATYPES apt. viv. female and 3 ovip. females

(No. 4115–4118), data as above except "apt.43 ♀ 56–58".

PARATYPES 5 apt. viv. females (No. 4119–4123), data as above except "apt.46–50".

Paczoskia major bulgarica HOLMAN, 1981b: 113

PARATYPES 2 apt. viv. females (No. 4124–4125), labels: "Paczoskia major ssp. bulgarica ssp.n. Paratypus Det. J. Holman", "16616 apt.23–24 Echinops microcephalus Vlas reg. Burgas Bulgaria 13.VII.1977 Leg. J. Holman".

PARATYPES 3 apt. viv. females (No. 4126–4128), data as above except "apt.25–27".

PARATYPES 4 apt. viv. females (No. 4129–4132), label: "apt.1–4 BULGARIA 4908 Obzor 25.VIII.1978 Echinops ? microcephalus H. Szelegiewicz leg."

PARATYPES 3 apt. viv. females (No. 4133–4135), data as above except "apt.9–11".

Notes: Additionally the collection contains four slides with 11 specimens labelled as paratypes, with the same data as above (#4908, Obzor), but they are not types according to the original publication where only 11 apt. viv. females from this locality are given. The first two valid paratypes (from Vlas) bear HOLMAN's original labels, the next two (from Obzor) have labels written by SZELEGIEWICZ's laboratory assistant except the inscription: "major bulgarica ssp.n." which looks the same as on the HOLMAN original labels. The labels of four additional slides were written fully by SZELEGIEWICZ's laboratory assistant and probably these specimens were not seen by HOLMAN.

Paczoskia meridionalis HOLMAN, 1981b: 114

PARATYPE apt. viv. female (No. 4136), label: "LIBAN 1576 Nahr el Kelb ad Beirut 11.V.1961. Echinops viscosum A. Riedel leg."

PARATYPES 3 apt. viv. females (No. 4137–4139), data as above.

Notes: Additionally the collection contains one slide with two alate specimens labelled as paratypes, with data as above (#1576, Nahr el Kelb), but they are not types according to the original publication where only 5 apt. viv. females from this locality are given. All of three slides have labels written by SZELEGIEWICZ's laboratory assistant except the

inscription: "meridionalis sp.n." which looks the same as on HOLMAN's original labels of other species.

Paczoskia paczoskii ruthenica HOLMAN, 1981b: 117

PARATYPE apt. viv. female (No. 4140), label: "3732 apt.5 Echinops ruthenicus Alushta Crimea SSSR 6.VI.60 Leg. J. Holman".

PARATYPE apt. viv. female (No. 4141), label: "apt.1 HUNGARIA 5906 Agasegyháza 21.VI.1976 Echinops ruthenicus H. Szelegiewicz leg."; [additionally 2 juveniles].

PARATYPE apt. viv. female (No. 4142), data as above except "apt. 2"; [additionally 2 juveniles].

Notes: Additionally the collection contains three slides with 3 specimens labelled as paratypes but they are not types according to the original description where only 3 apt. viv. females from Hungary are given. Two valid paratypes from Hungary bear labels written by SZELEGIEWICZ's laboratory assistant except the inscription: "paczoskii ruthenica ssp.n." which looks the same as on the HOLMAN original labels. The labels of three additional specimens were written fully by SZELEGIEWICZ's laboratory assistant and probably these specimens were not seen by HOLMAN.

Paducia aterrима HILLE RIS LAMBERS, 1952: 17

PARATYPE apt. viv. female (No. 4143), labels: "Paducia aterrима n.sp. cotypes Det.: D. H. R. L.", "N. Greenland. Pl. Salix roots Loc. Kapisigdlit. Date 22-VII-'50 Leg. Chr. Vibe. 67".

Pemphigus mongolicus HOLMAN et SZELEGIEWICZ, 1974b: 1

HOLOTYPE al. sexupara (No. 4144), labels: "#2113 MONGOLIA Dolina rzeki Terelž 14.08.1963 Populus laurifolia H. Szelegiewicz leg.", "Pemphigus mongolicus sp.n. J. Holman et H. Szelegiewicz det. HOLOTYPEUS".

Notes: According to the original description the holotype is an alate sexupara from sample #2116. Samples #2113 and #2116 have the same data but the last one represents the contents of two galls.

PARATYPE al. sexupara (No. 4145), data as above.

PARATYPE al. sexupara (No. 4146), data as above.
PARATYPES 3 al. sexuparae (No. 4147–4149), data as above.

PARATYPES 5 al. sexuparae (No. 4150–4154), data as above.

PARATYPES 2 apt. males (No. 4155–4156), data as above.

PARATYPE apt. sexupara (No. 4157), label: "#2116 MONGOLIA Dolina rzeki Terelž 14.08.1963 Populus laurifolia H. Szelegiewicz leg."

PARATYPE al. sexupara (No. 4158), data as above.

PARATYPES apt. and 2 al. sexuparae (No. 4159–4161), data as above.

PARATYPES 5 al. sexuparae (No. 4162–4166), data as above.

PARATYPE apt. viv. female (No. 4167), label: "#1927 MONGOLIA Ulan-Bator 15.07.1963 Populus laurifolia H. Szelegiewicz leg."

Notes: The date in the original description is published as "14.VII.1963". The date on the SZELEGIEWICZ notebook is the same as on the label.

PARATYPE apt. viv. female (No. 4168), data as above.

PARATYPE fundatrix (No. 4169), data as above.

PARATYPE fundatrix (No. 4170), data as above.

PARATYPES 3 apt. viv. females and 3 immature stages (No. 4171–4176), data as above.

PARATYPES 13 immature stages (No. 4177–4189), data as above.

Periphylus allogenes SZELEGIEWICZ, 1981b: 37

HOLOTYPE apt. viv. female (No. 4190) and PARATYPE apt. viv. female (No. 4191), label: "#3325 KOREA Prov. Kaesŏng-si: wodospad Pakyŏn ad Ch'ŏnma-san 27.08.1966 Acer triflorum H. Szelegiewicz leg."

Notes: The holotype is indicated by a red arrow.

PARATYPES 3 apt. viv. females (No. 4192–4194), data as for holotype; [specimen placed on the left part of the slide in black circle is illustrated in Fig. 1. in the original publication]; [additionally 1 juvenile].

PARATYPES 3 apt. viv. females (No. 4195–4197), data as for holotype; [specimen placed on the left part of the slide is in poor condition because of crystallization]; [additionally 1 juvenile].

***Periphyllus viridulus* MAMONTOVA, 1955: 80**

PARATYPES 5 apt. viv. females (No. 4198–4202), labels: “USSR Ukraina Kanev 20.08.1946 *Acer platanoides* V.A. Mamontova leg.”, “*Periphyllus viridulus* sp.n. Mamontova det. PARATYPI *Periphyllus coracinus* (Koch) H. Szelegiewicz det.”. Current status: A synonym of *Periphyllus coracinus* (KOCH, 1854).

***Pleotrichophorus deviatus* MÜLLER, 1972: 349**

PARATYPES 4 apt. viv. females (No. 4203–4206), label: “*Pleotrichophorus deviatus* F.P. Müller *Hieracium atratum* Rostock, 28.7.68 Zucht. (Faure, XI.68.) Paratypen”.

Notes: The slide bears one label.

***Plocamaphis bradleyi* RICHARDS, 1966: 837**

PARATYPE apt. viv. female (No. 4207), labels: “61–323 Canadian National Collection Loc: Sault Ste., Marie, Ont. Date: 5.VII.61 Host: *Salix* Base of trunk Coll: W.R. Richards”, “Can.Nat.Coll. Type No.9176 *Plocamaphis bradleyi* Rich. PARATYPE Slide No.”.

Current status: *Fullawaya bradleyi* (RICHARDS, 1966).

***Plocamaphis bulbosa* RICHARDS, 1966: 839**

PARATYPE apt. viv. female (No. 4208), labels: “Canadian National Collection Loc: Oliver, B.C. Date: June 29, 1965 Host: *Salix* sp. “roots” Coll: W.R. Richards”, “Can.Nat.Coll. Type No.9178 *Plocamaphis bulbosa* Rich. PARATYPE Slide No.”. [B.C = British Columbia].

Current status: *Fullawaya bulbosa* (RICHARDS, 1966).

***Pseudocercidis rosae* RICHARDS, 1961: 623**

PARATYPE apt. viv. female (No. 4209), labels: “Canadian National Collection Loc: Winnipeg, Man. Date: July 2, 1960 Host: *Rosa* sp. Curled leaves Coll: A.G. Robinson”, “Can.Nat.Coll. Type No. Pseudocercidis rosae PARATYPE Slide No.”. [Man. = Manitoba].

***Pterocallis heterophyllus* QUEDNAU, 1979: 507**

HOLOTYPE al. vivipara (No. 4210) and PARATYPE alatoid nymph (No. 4211), label: “#3346 KOREA Prov. Kangwŏn-do: Wŏnsan 31.08.1966 *Corylus heterophylla* H. Szelegiewicz leg.”.

Notes: The holotype is placed on the central part of the slide.

PARATYPES 6 alatoid nymphs (No. 4212–4217), label: “#3392 KOREA Prov. Hamgyŏng-pukto: Onp’o-ri, distr. Kyŏngsŏng 10.09.1966 *Corylus heterophylla* H. Szelegiewicz leg.”.

Notes: The collection date is erroneously printed in the original publication as “10.XI.1966”. In 1966 the field investigations in Korea were conducted from 18th of August to 24th of September.

PARATYPES 2 al. viviparae and 2 alatoid nymphs (No. 4218–4221), data as above.

PARATYPES 1 al. vivipara and 2 alatoid nymphs (No. 4222–4224), data as above.

PARATYPES 2 al. viviparae and 2 alatoid nymphs (No. 4225–4228), data as above.

Notes: 5 alate viviparae and 12 alatoid nymphs from Onp’o-ri are mounted on the slides while 6 alate viviparae and 11 alatoid nymphs from this locality are cited as paratypes in the original description.

***Pterocomma groenlandica* HILLE RIS LAMBERS, 1952: 18**

PARATYPES 6 specimens (No. 4229–4234), labels: “*Pterocomma groenlandicum* n.sp. cotypes Det: D. H.R.L.”, “N. Greenland Pl. *Salix* sp. Loc. Marrait Nugssuaq Date 19-VII-’49 Leg. Chr. Vibe. 5007”.

PARATYPES 2 specimens (No. 4235–4236), labels: “*Pterocomma groenlandica* nov. spec. cotypes Det: D. H.R.L.”, “N. Greenland Pl. *Salix* Loc. Kapisigdlit Date 6-VIII-’50 Leg. C. Vibe 264.”.

***Pterocomma italicum* BARBAGALLO et STROYAN, 1979: 17**

PARATYPES 2 apt. viv. females (No. 4267–4268), labels: “*Pterocomma italicum* Barbagallo & Stroyan PARATYPES Apt.v.♀ 7206 H.L.G.S. det.”, “*Salix purpurea* L. ITALY Abriola (Potenza) 30.IX.1976 S. Barbagallo leg.”.

Notes: The specimens are numbered on the glass as “6” and “7”.

Pterocomma pilosum sarmaticum SZELEGIEWICZ, 1967d: 395

PARATYPES 4 apt. viv. females (No. 4237–4240), labels: “#497 POLONIA Bydgoszcz-Park Ludowy 22.08.1956 Salix alba H. Szelegiewicz leg.”, “*Pterocomma sarmaticum* sp.n. H. Szelegiewicz det. PARATYPI”.

PARATYPES 2 apt. viv. females (No. 4241–4242), data as above.

PARATYPES 2 apt. viv. females (No. 4243–4244), labels: “#456 POLONIA Bydgoszcz-Ogród Bot. 17.08.1956 Salix alba H. Szelegiewicz leg.”, “*Pterocomma sarmaticum* sp.n. H. Szelegiewicz det. PARATYPI”.

Notes: The holotype should be located in our museum but it could not be found.

Current status: *Pterocomma sarmaticum* SZELEGIEWICZ, 1967.

Pterocomma salicis rohdendorfi HOLMAN et SZELEGIEWICZ, 1974b: 14

PARATYPE apt. viv. female (No. 4245), label: “#1748 MONGOLIA Ubulan, 50 km SE Ulan-Bator 9.06.1962 Salix sp. R. Bielawski et B. Pisarski leg.”.

Notes: The specimen was erroneously labelled as holotype. The holotype come from another sample and according to the original publication it is deposited in the collection of J. HOLMAN. The inscription “holotypus” was changed for “paratypus” on the new label.

PARATYPES 3 apt. viv. females (No. 4246–4248), label: “#1749 MONGOLIA Ubulan, 50 km SE Ulan-Bator 9.06.1962 Salix sp. R. Bielawski et B. Pisarski leg.”.

PARATYPES 4 apt. viv. females (No. 4249–4252), data as above.

PARATYPES 2 apt. viv. females (No. 4253–4254), label: “Salix sp. Džidotoj Čitinskoj obl. CCCP 9.VI.61 lgt. B. Rohdendorf”.

Notes: The collection date in Džidotoj written on the label differs from the date printed in the original description as “9.VII.1961”.

PARATYPES 2 apt. viv. females (No. 4255–4256), label: “5561 Salix sp. Džidotoj obl. Čita SSSR 9.7.61 Col. B. Rohdendorf”.

PARATYPES 10 apt. viv. females (No. 4257–4266), data as above; [five slides, two specimens per slide].

Schizaphis dubia HUCULAK, 1968a: 431

HOLOTYPE apt. viv. female (No. 4269), label: “POLONIA Olsztyn-Kortowo 26.09.1966 Calamagrostis canescens S. Huculak leg.”.

PARATYPE apt. female (No. 4270), data as for holotype.

PARATYPE apt. female (No. 4271), data as for holotype except the date “25.IX.1966”.

PARATYPE 1 specimen (No. 4272), data as above.

PARATYPE 1 specimen (No. 4273), data as for holotype except the date “6.VIII.1966”.

Notes: The last two specimens are damaged because of crystallization.

Semiaphis horvathi SZELEGIEWICZ, 1967c: 433

HOLOTYPE apt. viv. female (No. 4274), label: “#2323 HUNGARIA Pusztakócs: Ohat 25.06.1964 Peucedanum officinale H. Szelegiewicz leg.”.

PARATYPES al. viv. female and 2 apt. viv. females (No. 4275–4277), data as for holotype.

PARATYPES 6 apt. viv. females (No. 4278–4283), data as for holotype.

PARATYPES al. viv. female and 2 apt. viv. females (No. 4284–4286), label: “#2325 HUNGARIA Pusztakócs: Ohat 25.06.1964 Peucedanum officinale H. Szelegiewicz leg.”; [additionally 1 alatiform nymph].

PARATYPES 7 apt. viv. females (No. 4287–4293), data as above; [additionally 8 juveniles].

Shivaphis szelegiewiczzi QUEDNAU, 1979: 514

HOLOTYPE al. vivipara (No. 4294) and PARATYPES 2 al. viviparae (No. 4295–4296), label: “#3314 KOREA Yongak-san, 16 km SW P’yöngyang 25.08.1966 Celtis aurantiaca H. Szelegiewicz leg.”.

Notes: The holotype is indicated by a red arrow and placed in the lower part of the slide.

PARATYPES 12 al. viviparae (No. 4297–4308), data as for holotype; [four slides, three specimens per slide].

PARATYPES 2 al. viv. and 1 alatoid nymph (No. 4309–4311), data as for holotype.

Sipha burakowskii HOLMAN et SZELEGIEWICZ, 1974b: 10

HOLOTYPE apt. viv. female (No. 4312), labels: “#2067 MONGOLIA Dolina rzeki Šaryn 7.08.1963 Aneurolepidium pseudoagropyron H. Szelegiewicz leg.”, “*Sipha* (*Rungsia*) *burakowskii* sp.n. J. Holman et H. Szelegiewicz det. HOLOTYPUS”.

PARATYPES 18 apt. viv. females (No. 4313–4330), data as for holotype; [six slides, three specimens per slide].

Smiela mongolica HOLMAN et SZELEGIEWICZ, 1975: 436

HOLOTYPE apt. viv. female (No. 4331), label: “#1959 MONGOLIA Khar-airag 20.07.1963 *Ptilotrichum canescens* H. Szelegiewicz leg.”.

PARATYPES 7 apt. viv. females (No. 4332–4338), data as for holotype; [seven slides, one specimen per slide].

Stellariopsis songini SZELEGIEWICZ, 1969a: 174

HOLOTYPE apt. viv. female (No. 4339), label: “#2080 MONGOLIA Songino ad Ulan-Bator 9.08.1963 *Stellaria dichotoma* H. Szelegiewicz leg.”.

PARATYPES 2 apt. viv. females (No. 4340–4341), data as for holotype; [two slides, one specimen per slide].

PARATYPE al. viv. female (No. 4342), data as for holotype.

PARATYPES 2 apt. viv. females (No. 4343–4344), data as for holotype.

PARATYPES 15 apt. viv. females (No. 4345–4359), data as for holotype; [five slides, three specimens per slide].

Stomaphis asiphon SZELEGIEWICZ, 1975: 578

HOLOTYPE apt. viv. female (No. 4360), label: “#2605 KOREA Myohyang-san Mts.: vall Manp’ok-tong, distr. Hyangsan 19.06.1965 M. Mroczkowski et A. Riedel leg.”.

Notes: The collection date is given erroneously in the original description as “1966”. The field investigations were carried out from 18th of May to 29th of June in 1965.

PARATYPES apt. viv. female and 2 larvae (No. 4361–4363), data as for holotype.

PARATYPES apt. viv. female and 2 larvae (No. 4364–4366), data as for holotype.

PARATYPES 2 apt. viv. females (No. 4367–4368), data as for holotype.

Szelegiewiczziella chamaerhodi HOLMAN, 1974c: 240

HOLOTYPE apt. viv. female (No. 4369), label: “#2018 MONGOLIA Zunchara 2.08.1963 *Chamaerhodus erecta* H. Szelegiewicz leg.”; [additionally 2 juveniles].

PARATYPE al. viv. female (No. 4370), data as for holotype.

PARATYPES 2 al. viv. females (No. 4371–4372), data as for holotype.

PARATYPES 1 apt. viv. female and 1 al. viv. female (No. 4373–4374), data as for holotype.

PARATYPE apt. viv. female (No. 4375), data as for holotype; [additionally 3 juveniles].

Tetraneura changaica SZELEGIEWICZ et HOLMAN, 1980: 233

HOLOTYPE al. sexupara (No. 4376), label: “#2436 MONGOLIA 30 km W Khishig-undor 8.09.1964 *Larix sibirica* W. Bazyluk et S.M. Klimaszewski leg.”.

PARATYPES 2 al. sexuparae (No. 4377–4378), label: “#1599 MONGOLIA Ulan-Bator 25.09.1959 *Ulmus* sp. B. Pisarski leg.”.

PARATYPES 2 al. sexuparae (No. 4379–4380), label: “#1601 MONGOLIA Ulan-Bator 25.09.1959 grass B. Pisarski leg.”.

PARATYPE al. sexupara (No. 4381), label: “#2440 MONGOLIA 15 km W Cecerleg 11.09.1964 *Caragana* sp. W. Bazyluk et S.M. Klimaszewski leg.”.

PARATYPE al. sexupara (No. 4382), label: “#2443 MONGOLIA 5 km O Ich Tamir 12.09.1964 *Myricaria dahurica* W. Bazyluk et S.M. Klimaszewski leg.”.

Therioaphis hillerslambersi SZELEGIEWICZ, 1969b: 455

HOLOTYPE apt. viv. female (No. 4383) and PARATYPES 4 apt. viv. females (No. 4384–4387), label: “#2827 HUNGARIA Villányi-hegység, Szársomlyó 25.08.1965 Dorycnium herbaceum H. Szelegiewicz leg.”.

Notes: The holotype is probably the specimen placed on black circle on the upper right part of the slide. PARATYPES 5 apt. viv. females (No. 4388–4392), data as for holotype.

Therioaphis hungarica SZELEGIEWICZ, 1969b: 456

HOLOTYPE apt. viv. female (No. 4393) and PARATYPES 1 al. viv. and 1 apt. viv. females (No. 4394–4395), label: “#2829 HUNGARIA Villányi-hegység, Szársomlyó 25.08.1965 Ononis sp. H. Szelegiewicz leg.”.

Notes: The holotype is probably the specimen indicated by a black point and placed on the lower left part of the slide. This specimen is illustrated in Fig.7 in the original publication.

PARATYPES 5 apt. viv. females (No. 4396–4400), data as for holotype; [additionally 1 juvenile].

Tiliaphis coreana QUEDNAU, 1979: 511

HOLOTYPE al. vivipara (No. 4401) and PARATYPE al. vivipara (No. 4402), label: “#3399 KOREA Prov. Hamgyöng-pukto: Onp’o-ri, distr. Kyöngsöng 10.09.1966 Tilia sp. H. Szelegiewicz leg.”.

Notes: The holotype is indicated by a red arrow and placed on the upper part of the slide.

PARATYPES 2 al. viviparae (No. 4403–4404), data as for holotype.

PARATYPES 3 al. viviparae (No. 4405–4407), data as for holotype.

PARATYPES 10 al. viviparae and 10 alatoid nymphs (No. 4408–4427), data as for holotype; [five slides, two alate and two alatoid specimens per slide].

PARATYPES 2 al. viviparae and 1 alatoid nymph and 1 immature (No. 4428–4431), data as for holotype.

PARATYPES 2 al. viviparae and 2 immatures (No. 4432–4435), data as for holotype.

PARATYPES al. vivipara, and alatoid nymph, and 3 immatures (No. 4436–4440), data as for holotype.

PARATYPES 12 immatures (No. 4441–4452), data as for holotype.

PARATYPES 2 al. viviparae and 1 alatoid nymph (No. 4453–4455), label: “#3421 KOREA Prov. Hamgyöng-pukto : Samdae-jik, dist. Kyöngsöng 11.09.1966 Tilia sp. H. Szelegiewicz leg.”.

PARATYPES 2 al. viviparae (No. 4456–4457), label: “#3487 KOREA Myohyang-san, Hyangam-ri, distr. Hyangsan 22.09.1966 Tilia mandshurica H. Szelegiewicz leg.”.

PARATYPES 3 al. viviparae (No. 4458–4460), data as above.

PARATYPES 3 al. viviparae (No. 4461–4463), data as above; [additionally 1 immature].

Tiliaphis pseudoshinae QUEDNAU, 1979: 509

HOLOTYPE al. vivipara (No. 4464), label: “#3399 KOREA Prov. Hamgyöng-pukto: Onp’o-ri, distr. Kyöngsöng 10.09.1966 Tilia sp. H. Szelegiewicz leg.”.

PARATYPES 2 al. viviparae and 1 ovipara (No. 4465–4467), label: “#3421 KOREA Prov. Hamgyöng-pukto: Samdae-jik, dist. Kyöngsöng 11.09.1966 Tilia sp. H. Szelegiewicz leg.”.

PARATYPES 2 al. viviparae and 1 al. male (No. 4468–4470), data as above.

Tricaudatus polygona tuberculatus HILLE RIS LAMBERS et BASU, 1966: 27

SYNTYPES 5 apt. specimens (No. 4471–4475), labels: “Tricaudatus polygona subsp. tuberculatus nov. subsp. cotypes Det.: D. H.R.L. A.N. Basu”, “N. India Pl. Spiraea corymbosa Loc. Darjeeling Date 9-IV-1957 Leg. A.N. Basu 8.VII. '57 29”.

Current status: A synonym of *Tricaudatus polygona* (NARZIKULOV, 1953).

Tshernovaia adenophorae HOLMAN et SZELEGIEWICZ, 1964: 352

PARATYPES 3 apt. viv. females (No. 4476–4478), label: “#1980 MONGOLIA 30 km N Mant 28.07.1963 Adenophora marsupifolia H. Szelegiewicz leg.”; [three slides, one specimen per slide].

PARATYPES 3 apt. viv. females (No. 4479–4481), data as above; [one slide].

PARATYPES 8 apt. viv. females (No. 4482–4489), label: “#1994 MONGOLIA Nucht ad Ulan-Bator 30.07.1963 Adenophora marsupifolia H. Szelegiewicz leg.”; [eight slides, one specimen per slide].

Tuberculatus albosiphonatus HILLE RIS LAMBERS, 1973: 39

PARATYPES 2 al. viv. females (No. 4490–4491), labels: “*Tuberculatus albosiphonatus* n.sp. (Tuberculoidea) paratypes Det.: D. H.R.L.”, “12037 B N. Iraq (Kurdistan) Pl. Quercus Loc. Salahuddin nr. Shaqlawah Date 10-VII-68 Leg. P. Starý”.

Unipterus delottoi HILLE RIS LAMBERS, 1954: 180

SYNTYPES 5 al. viv. and 8 apt. viv. females and 5 juveniles (No. 4492–4509), labels: “*Paoliella delottoi* n.sp. cotypes Det.: D. H.R.L.”, “N. Eritrea Pl. Commiphora africana Loc. Arresa Hatzenà Date 10-IV-'49 Leg. G. de Lotto 638”.

Current status: *Paoliella delottoi* (HILLE RIS LAMBERS, 1954).

Uroleucon (Uromelan) adenophoricola HOLMAN, 1975a: 177

HOLOTYPE apt. viv. female (No. 4596), label: “#1984 MONGOLIA Ulan-Bator 29.07.1963 Adenophora marsupifolia H. Szelegiewicz leg.”.

PARATYPES 2 apt. viv. and 2 al. viv. females (No. 4597–4600), data as for holotype; [four slides, one specimen per slide].

Uroleucon altaicum SZELEGIEWICZ, 1982a: 370

HOLOTYPE apt. viv. female (No. 4510), label: “#4871 MONGOLIA Hovd (=Kobdo) 14.07.1977 Cichorium intybus S.M. Klimaszewski leg.”.

PARATYPE apt. viv. female (No. 4511), data as for holotype.

PARATYPES 2 apt. viv. females (No. 4512–4513), data as for holotype.

PARATYPES 9 apt. viv. females (No. 4514–4522), data as for holotype; [three slides, three specimens per slide].

Uroleucon (s.str.) brevisrostris HOLMAN, 1975a: 174

HOLOTYPE apt. viv. female (No. 4540), labels: “*Uroleucon brevisrostris* sp.n. Holotypus det. J. Holman”, “13 (1931) apt.1 *Crepis tenuifolia* Ulan-Bator Mongolia 15-VII-63 Col. H. Szelegiewicz”.

Notes: The host plant given in the original publication is “An undetermined Liguliflorous Asteraceae, presumably belonging to the tribe Lactuceae.”.

PARATYPES 2 apt. viv. females (No. 4541–4542), labels: “*Uroleucon brevisrostris* sp.n. Paratypes det. J. Holman”, “13 (1931) apt.2–3 Compositae liguliflorae sp. Ulan-Bator Mongolia 15-VII-63 Col. H. Szelegiewicz”.

Uroleucon (Uroleucon) dalmaticum HOLMAN, 1981a: 43

PARATYPE apt. viv. female (No. 4543), label: “16 975 apt.58 *Inula verbascifolia* (Willd.) Hauss. Dubrovnik Jugoslavia 29.IX.1978 Leg. J. Holman”.

PARATYPE al. viv. female (No. 4544), data as above except “al.1”.

PARATYPES 6 apt. viv. females (No. 4545–4550), data as above except serial numbers “apt.85–90”; [two slides, three specimens per slide].

PARATYPES 24 apt. viv. females (No. 4551–4574), data as above except serial numbers “apt.153–164” and “apt.185–196”; [six slides, four specimens per slide].

Uroleucon (Lambersius) dubius HOLMAN, 1975a: 179

HOLOTYPE apt. viv. female (No. 4523), label: “143 A (2068) apt.8 *Artemisia gmelinii* Šaryn river valley Mongolia 7-VIII-63 Col. H. Szelegiewicz”.

PARATYPES 4 apt. viv. females (No. 4524–4527), data as for holotype except the serial number as follows: “apt.1”, “apt.3”, “apt.4”, “apt.5”; [four slides, one specimen per slide].

PARATYPE apt. viv. female (No. 4528), label: “163 (2090) apt.1 *Artemisia gmelinii* Zaisan ad Ulan-Bator Mongolia 11-VIII-63 Col. H. Szelegiewicz”.

Notes: The collection date in Zaisan is given erroneously in the original publication as “11.VII.1973”. It refers to all paratypes from this locality.

PARATYPES 2 apt. viv. and 1 al. viv. females (No. 4529–4531), data as above except the serial number: “apt.2”, “apt.4”, “al.2”; [three slides, one specimen per slide].

PARATYPES 1 apt. viv. and 2 ovip. females (No. 4532–4534), data as above except “♀ 1–2 apt.5”.

PARATYPES 1 apt. viv. and 1 ovip. females (No. 4535–4536), data as above except “apt.7–8 ♀ 6”; [an error on the label: one apt. viv. female on the slide].

PARATYPES 2 apt. viv. females (No. 4537–4538), data as above except “apt.9–10”.

PARATYPE ovip. female (No. 4539), data as above except “♀ 3”.

Uroleucon (s.str.) mongolicus HOLMAN, 1975a: 171

HOLOTYPE apt. viv. female (No. 4575), labels: “#2127 MONGOLIA Čulud 16.08.1963 Serratula sp. H. Szelegiewicz leg.”, “Uroleucon mongolicum J. Holman det. HOLOTYPUS”.

PARATYPES 2 apt. viv. and 1 al. viv. females (No. 4576–4578), data as for holotype; [three slides, one specimen per slide].

PARATYPES 2 apt. viv. females (No. 4579–4580), label: “#2083 MONGOLIA Zaisan 11.08.1963 Serratula centaureoides H. Szelegiewicz leg.”.

PARATYPE apt. viv. female (No. 4581), data as above.

PARATYPE al. viv. female (No. 4582), data as above.

PARATYPES 2 apt. viv. females (No. 4583–4584), label: “#2041 MONGOLIA Darchan 4.08.1963 Serratula centaureoides H. Szelegiewicz leg.”.

PARATYPES 2 apt. viv. and 1 al. viv. females (No. 4585–4587), data as above; [three slides, one specimen per slide].

Uroleucon (Uroleucon) narzykulovi HOLMAN, 1974b: 20

PARATYPE apt. viv. female (No. 4588), label: “13884 apt.4 Campanula incanescens Boiss. Kondara Tadžikistan SSSR 26-V-72 Leg. J. Holman”.

PARATYPE apt. viv. female (No. 4589), label: “13863 apt. 4 Campanula incanescens Boiss. Kondara Tadžikistan SSSR 28-V-72 Leg. J. Holman”.

PARATYPES 4 apt. viv. females (No. 4590–4593), label: “13861 apt.11–14 Campanula incanescens Boiss. Kondara Tadžikistan SSSR 28-V-72 Leg. J. Holman”.

Uroleucon (Uroleucon) pyrethri HOLMAN, 1974b: 24

PARATYPES 2 apt. viv. females (No. 4594–4595), labels: “Uroleucon (s.str.) pyrethri sp.n. Paratypus

Det. J. Holman”, “13347 / apt.30–31 Pyrethrum macrophyllum Bachmaro (2000 m) Gruz.SSR SSSR 16.8.69 Leg. J. Holman”.

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in Vietnam (1996-1999)

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Museum and Institute of Zoology P.A.S., Warszawa 1999, No 2: 123-126

Material examined and deposited in Museum by Piotr Wągrzyńowicz

Key words: Coleoptera, Insecta, Phoridae, Asia of Vietnam

INTRODUCTION

Three expeditions (1996, 1997, 1998) from Museum and Institute of Zoology Polish Academy of Sciences collected zoological material in Vietnam especially in Tam Dao National Park. Below we present all species from *Boreichitidae* and *Phoridae* collected during these expeditions. Material is preserved in Museum and Institute of Zoology P.A.S. Warsaw (MZPW) and Tadeusz Borowski's collection (TB).

BOREICHITIDAE

Lymnobia tricornis (STEPHENS, 1855)

Material examined

Tam Dao, prov. Vinh Phuc, 9-12.04.1999, leg. A. Stronicki et P. Wągrzyńowicz (1 specimen in MZPW)

Distribution: Cambodia (LEON, 1998)

Boreichopsis jacobella LEON, 1995

Material examined

Tam Dao, prov. Vinh Phuc, 9-12.04.1999, leg. A. Stronicki et P. Wągrzyńowicz (1 specimen in MZPW)

Distribution: Oriental Region: India to Indonesia (LEON, 1998)

Xylotrupes flavipes (MELICHAM, 1801)

Material examined

Tam Dao, prov. Vinh Phuc, 17.12.1996, leg. A. Jedwabnicki (1 specimen in MZPW, 1 specimen in TB)

Tam Dao, prov. Vinh Phuc, 4.08.1997, at night, leg. W. Jedwabnicki et A. Stronicki (1 specimen in MZPW)

Tam Dao, prov. Vinh Phuc, 9-12.04.1999, leg. A. Stronicki et P. Wągrzyńowicz (1 specimen in MZPW)

Distribution: Malaya, Malcoms Islands, Oriental Region: India, Indonesia (LEON, 1998)