

The Type Material of Family Agromyzidae (Diptera) in the Museum and Institute of Zoology PAS, Warsaw

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Abstract. The type specimens of Diptera: Agromyzidae, preserved in the Museum and Institute of Zoology Polish Academy of Sciences, Warsaw, are listed.

Key words: Type specimens, Diptera, Agromyzidae

The following list is a catalogue of the types of the Agromyzidae (Diptera) which are housed in the MZPW. The collection was established by J.T. Nowakowski.

There are dry pinned specimens and to a large extent named by J.T. Nowakowski. Except him, the type collection was contributed by following authors: G.C.D. Griffiths, F. Groschke, F. Hendel, M. Hering, O. Karl, J.W. Meigen, E.B. Rohdendorf-Holmanová, N.S. Rydén and G. Strobl.

The list includes all the type specimens of the nominal species and subspecies, and the varieties and forms, the names of which were established before 1961 (Art. 45g, 71 of the International Code on Zoological Nomenclature, 3rd ed., 1985), preserved in the Museum and Institute of Zoology Polish Academy of Sciences, Warsaw (MZPW - Museum Zoologicum Polonicum, Warszawa).

Type specimens listed belong to the following categories: name-bearing types (holotype, lectotype, neotype, syntype series); remaining specimens of type series (paratypes, paralectotypes).

The species name is followed by author and bibliographic citation. Next follows the information about the number of specimens originally published and in MZPW collection. Next the kind of type, sex, original MZPW number and all data from pertinent labels (e. g. location, date of collection, collector, host plant, etc.) in quotation marks. If the labels does not include the country name, it is added at the beginning of the location label in square brackets.

All specimens bear red label with the following inscription in print: "Mus. Zool. Polonicum Warszawa Typus n. [museum registration number], [original name, author, year], [kind of type]."

Where a specific name has been changed, the present taxonomy status of the species and the original reference for current name are also given. There is also the information about designation of lectotypes.

A condition of specimen is given only for holotypes, some material is regarded as damaged (parts missing) or destroyed.

All the data published in the lists and some others are being simultaneously recorded in a computer data base in the Zoological Museum, and potential borrowers of the specimens may refer both to the name and to the number of particular specimen they want to borrow for study.

AGROMYZIDAE

Agromyza buhriella Hering, 1954: 118

This species was described from unknown number, range and sex of specimens. In MZPW resides one female.

PARATYPE female No. 1550 labelled "♀ Paratype"; "Mine an *Artemisia vulgaris*"; "[Germania] Mecklemburg Mönkeweden 19.3.1953 460 dr. H. Buhr. Z."; "*Agromyza buhriella* M. Para-typus det. Hering 1957"; "*Agromyza rufipes* ♀ Meig. det. J.T. Nowakowski 1963"; "Prep. alae 26"; "Muz. Zool. PAN Warszawa 101/63".

Notes: currently this name is a synonym of *Agromyza rufipes* Meigen, 1830: 169.

Agromyza celtidis Nowakowski, 1960: 367

This species was described from two males and two females. In MZPW resides all of them.

HOLOTYPE male No. 1602 labelled "Holotypus ♂ *Agromyza celtidis* Nowak."; "Jugoslavia Dubrovnik Pile 7.VII.1959 leg. J.T. Nowakowski"; "zarośla w mieście 18/Jug L 26.VII.1959 P 29.VII. I 8.VIII.59"; "Inst. Zool. PAN. Warszawa 20/59"; "*Agromyza celtidis* Nowak. ♂ ex *Celtis australis* L. det. J.T. Nowakowski 1959"; "*Agromyza trebinjensis* Strobl. det. J.T. Nowakowski".

Notes: left midleg missing, pupa glued on label.

ALLOTYPE female No. 1603 labelled "Allotypoid ♀ *Agromyza celtidis* Nowak."; "Jugoslavia Dubrovnik Pile 10.VIII.1959 leg. J.T. Nowakowski"; "zarośla w mieście 18/Jug L 26.VII.1959 P 29.VII. I 10.VIII.59"; "Inst. Zool. PAN. Warszawa 20/59"; "*Agromyza celtidis* Nowak. ♀ ex *Celtis australis* L. det. J.T. Nowakowski 1959"; "*Agromyza trebinjensis* Strobl. det. J.T. Nowakowski".

PARATYPE male No. 1604 labelled "Paratypoid ♂ *Agromyza celtidis* Nowak."; "Jugoslavia Dubrovnik Pile 10.VIII.1959 leg. J.T. Nowakowski"; "zarośla w mieście 18/Jug L 26.VII.1959 P 29.VII. I 10.VIII.59"; "Inst. Zool. PAN. Warszawa 20/59"; "*Agromyza celtidis* Nowak. ♂ ex *Celtis australis* L. det. J.T. Nowakowski 1959"; "*Agromyza trebinjensis* Str. K.A. Spencer det. J.T. Nowakowski".

PARATYPE female No. 1605 labelled "Paratypoid ♀ *Agromyza celtidis* Nowak."; "14.VIII. Dubrovnik Lapad leg. J.T. Nowakowski"; "Miasto 22/Jug L 31.VII.[19]59 P 7.VIII. I 14.VIII.59"; "Inst. Zool. PAN. Warszawa 20/59"; "*Agromyza celtidis* Nowak. ♀ ex *Celtis australis* L. det. J.T. Nowakowski 1959"; "*Agromyza trebinjensis* Strobl. det. J.T. Nowakowski".

Notes: currently this name is a synonym of *Agromyza trebinjensis* Strobl, 1900: 640.

Agromyza hendeli Griffiths, 1963: 136

This species was described from thirteen males and eleven females. In MZPW resides one male.

PARATYPE male No. 1527 labelled "Polonia Puszcza Kampinoska Sieraków 11.VII.1957 leg. J.T. Nowakowski"; "*Caricetum* 2051 L 29.VI.57 P 1.VII. I 11.VII."; "Inst. Zool. PAN Warszawa 20/57"; "*Agromyza lucida* Hend. ex *Phragmites communis* det. J.T. Nowakowski 1957"; "PARATYPE *Agromyza hendeli* Griffiths".

Agromyza pseudorufipes Nowakowski, 1964: 205

This species was described from two males and one female. In MZPW resides one male.

PARATYPE male No. 1623 labelled "Polonia Tatry Wąwóz Kraków 18.X.1960 leg. J.T. Nowakowski"; "Półka skalna 3062 L 11.IX.60 P 18.IX. I 18.X"; "Muz. Zool. PAN. Warszawa 20/61"; "*Agromyza rufipes* ♂ Meig. ex *Myosotis silvatica* L. (Ehr.) Hoffm. det. J.T. Nowakowski 1962"; "Paratypoid ♂ *Agromyza pseudorufipes* Nowak."; "*Agromyza pseudorufipes* Nowak. det. J.T. Nowakowski 1963"; "Prep. puparii 508"; "Prep. alae 23".

Agromyza urticae Nowakowski, 1964: 192

This species was described from three males and two females. In MZPW resides four of them.

HOLOTYPE male No. 1619 labelled "Polonia Kraków 7.X.1886 leg. A. Waga"; "Kraków 7/X 86 Pan. skały"; "25"; "*Agromyza* ♂ *urticae* Nowak. det. J.T. Nowakowski 1963"; "Holotypus ♂ *Agromyza urticae* Nowak."; "Muz. Zool. PAN Warszawa 100/59"; "*Agromyza pseudoreptans* Nowak. det. J.T. Nowakowski".

Notes: abdomen missing.

ALLOTYPE female No. 1620 labelled "[Polonia] Stolp i. P. 3.7.1924. O. Karl"; "*Agromyza reptans* Fall. det. O. Karl"; "*Agromyza* ♀ *urticae* Nowak. det. J.T. Nowakowski 1963"; "Allotypoid ♀ *Agromyza urticae* Nowak."; "Muz. Zool. PAN Warszawa 29/47"; "*Agromyza pseudoreptans* Nowak. det. J.T. Nowakowski".
PARATYPE male No. 1621 labelled "VII 30 [19]03"; "Estonia leg. Fr. Sintenis"; "transcriptio 3134 *Agromyza reptans* Fall. det. Fr. Sintenis 18"; "Inst. Zool. PAN Warszawa ex coll Fr. Sintenis 78/55"; "*Agromyza* ♂ *urticae* Nowak. det. J.T. Nowakowski 1963"; "Paratypoid ♂ *Agromyza urticae* Nowak."; "Prep. genit. 774"; "*Agromyza pseudoreptans* Nowak. det. J.T. Nowakowski".

PARATYPE female No. 1622 labelled "18/9 [18]83."; "Estonia leg. Fr. Sintenis"; "transcriptio 3134 *Agromyza reptans* Fall. det. Fr. Sintenis 18"; "Inst. Zool. PAN Warszawa ex coll Fr. Sintenis 78/55"; "*Agromyza* ♀ *urticae* Nowak. det. J.T. Nowakowski 1963"; "Paratypoid ♀ *Agromyza urticae* Nowak."; "*Agromyza pseudoreptans* Nowak. det. J.T. Nowakowski".

Notes: currently this name is a synonym of *Agromyza pseudoreptans* Nowakowski, 1967: 658.

Cerodontha (Butomomyza) eucaricis Nowakowski, 1967: 636

This species was described from four males and six females. In MZPW resides nine of them.

HOLOTYPE male No. 1632 labelled "Polonia Warszawa Bielany 29.VII.1964 leg. J.T. Nowakowski"; "Park, las miesznany 4972 L 6.VII.64 P(m) 17.VII. I 29.VII."; "Inst. Zool. PAN Warszawa 20/64"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1964"; "Holotypus ♂ *Cerodontha (Butomomyza) eucaricis* Nowakowski"; "*Cerodontha (Butomomyza) eucaricis* Nowak. det. J.T. Nowakowski 1968".

Notes: head, partially left wing, right midleg, right forelegs tibia and midlegs tibia missing.

ALLOTYPE female No. 1633 labelled "[Polonia] Puszcza Kampinoska Młociny 16.V.1956 leg. J.T. Nowakowski"; "styk łągu z borem wydm.-XLI/439 P(m) 15.IX.55 I 16.V.56"; "Inst. Zool. PAN Warszawa 60/56"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1956"; "Allotypoid ♀ *Cerodontha (Butomomyza) eucaricis* Nowak."; "*Cerodontha* ♀ (*Butomomyza) eucaricis* Nowak. det. J.T. Nowakowski 1968".

PARATYPE female No. 1625 labelled "Polonia Puszcza Kampinoska Sieraków 25.VII.1964 leg. J.T. Nowakowski"; "Olszyna 4076 P(m) 10.VII.64 I 25.VII.64"; "Inst. Zool. PAN Warszawa 20/64"; "cult ex larva in *Carex pseudocyperus* L. det. J.T. Nowakowski 1964"; "Paratypoid ♀ *Cerodontha (Butomomyza) eucaricis* Nowak."; "*Cerodontha* ♀ (*Butomomyza) eucaricis* Nowak. det. J.T. Nowakowski 1968".

PARATYPE female No. 1626 labelled "Polonia Puszcza Kampinoska Rezerwat Sieraków 23.VII.1964 leg. J.T. Nowakowski"; "Olszyna 4084 P(m) 15.VII.64 I 23.VII"; "Inst. Zool. PAN Warszawa 20/64"; "cult ex larva in *Carex pseudocyperus* L. det. J.T. Nowakowski"; "Paratypoid ♀ *Cerodontha (Butomomyza) eucaricis* Nowak. *Cerodontha* ♀ (*Butomomyza) eucaricis* Nowak. det. J.T. Nowakowski 1968".

PARATYPE male No. 1627 labelled "Polonia Puszcza Kampinoska Granica 4.VIII.1955 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LXXXV/384 P(m) 31.VII.55 I 4.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "cult ex larva in *Carex pseudocyperus* L. det. J.T. Nowakowski 1956"; " prep. alae 29"; "Paratypoid ♂ *Cerodontha (Butomomyza) eucaricis* Nowak."; "*Cerodontha* ♀ (*Butomomyza*) *eucaricis* Nowak. det. J.T. Nowakowski 1968".

PARATYPE female No. 1628 labelled "Polonia Warszawa Pyry, Lasy Kabackie 18.III.1966 leg. J.T. Nowakowski"; "Las mieszany 4205 P(m) 5.XI.65 I 18.III.1966"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1966"; " prep. alae 29"; "Paratypoid ♀ *Cerodontha (Butomomyza) eucaricis* Nowak."; "*Cerodontha* ♀ (*Butomomyza*) *eucaricis* Nowak. det. J.T. Nowakowski 1968".

PARATYPE female No. 1629 labelled "Polonia Łazy S. Warszawa 14.V.1965 leg. J.T. Nowakowski"; "Zarośla przydrożne w rowie 4184 P(m) 4.X.64 I 14.V.1965"; "Inst. Zool. PAN Warszawa 20/65"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1965"; "Paratypoid ♀ *Cerodontha (Butomomyza) eucaricis* Nowakowski"; "*Cerodontha* ♀ (*Butomomyza*) *eucaricis* Nowak. det. J.T. Nowakowski 1968".

PARATYPE male No. 1630 labelled "Polonia Bieszczady Wołosate 16.III.1966 leg. J.T. Nowakowski"; "Buczyna 77/Bie L 23.IX.65-P(m) 4.X.65 I 16.III.1966"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1966"; "Paratypoid ♂ *Cerodontha (Butomomyza) eucaricis* Nowak."; "*Cerodontha* ♀ (*Butomomyza*) *eucaricis* Nowak. det. J.T. Nowakowski 1968".

PARATYPE male No. 1631 labelled "[Polonia] Puszcza Kampinoska Cybulice 2.V.1957 leg. J.T. Nowakowski"; "Las mieszany XCII/944 L, P(m) 24.VII.56 I 2.V.57"; "Inst. Zool. PAN Warszawa 20/57"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1957"; "Paratypoid ♂ *Cerodontha (Butomomyza) eucaricis* Nowak."; "*Cerodontha (Butomomyza) eucaricis* Nowak. det. J.T. Nowakowski 1968".

Cerodontha (Butomomyza) rohdendorfi Nowakowski, 1967: 635

This species was described from one male. It resides in MZPW.

HOLOTYPE male No. 1624 labelled "Fennia Joutseno E. Thuneberg/ 13.6.[19]56"; "*Poemyza* sp. ♂"; "Holotypus ♂ *Cerodontha* ♂ (*Butomomyza*) *rohdendorfi* Nowakowski 1967"; "*Cerodontha* ♂ (*Butomomyza*) *rohdendorfi* Nowak. 1967 det. J.T. Nowakowski"; "Muz. Zool. PAN Warszawa 102/63".

Notes: hind parts of abdomen missing, genitalia glued on label.

Cerodontha (Butomomyza) vigneae Nowakowski, 1967: 637

This species was described from ten males and four females. In MZPW resides fourteen of them.

HOLOTYPE male No. 1642 labelled "Polonia Mierzeja Wiślana Krynica Morska 14.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 14.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Holotypus ♂ *Cerodontha* ♂ (*Butomomyza*) *vigneae* Nowak."; "*Cerodontha* ♂ (*Butomomyza*) *vigneae* Nowak. 1968 det. J.T. Nowakowski 1968".

Notes: specimen in good condition, pupa glued on label.

ALLOTYPE female No. 1643 labelled "Polonia Mierzeja Wiślana Krynica Morska 14.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 14.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Allotypoid ♀ *Cerodontha (vigneae)* Nowak."; "*Cerodontha* ♀ (*Butomomyza*) *vigneae* Nowak. 1968 det. J.T. Nowakowski 1968".

PARATYPE female No. 1634 labelled "Polonia Mierzeja Wiślana Krynica Morska 27.VII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4289 L 24.VI.66-P(m) 10.VII I 27.VII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Paratypoid ♀

Cerodontha (Butomyza) vigneae Nowak."; "*Cerodontha* ♀ (*Butomyza*) *vigneae* Nowak. det. J.T. Nowakowski 1968".

PARATYPE male No. 1635 labelled "Polonia Mierzeja Wiślana Krynica Morska 6.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 6.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Paratypoid ♂ *Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak."; "*Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak. det. J.T. Nowakowski 1968".

PARATYPES: males No. 1636-1637 labelled "Polonia Mierzeja Wiślana Krynica Morska 8.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 8.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Paratypoid ♂ *Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak."; "*Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak. det. J.T. Nowakowski 1968".

PARATYPE male No. 1638 labelled "Polonia Mierzeja Wiślana Krynica Morska 8.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 8.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Paratypoid ♂ *Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak."; "*Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak. 1968 det. J.T. Nowakowski 1968"; "prep. genit. 854".

PARATYPE female No. 1639 labelled "Polonia Mierzeja Wiślana Krynica Morska 8.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 8.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Paratypoid ♀ *Cerodontha* ♀ (*Butomyza*) *vigneae* Nowak."; "*Cerodontha* ♀ (*Butomyza*) *vigneae* Nowak. 1968 det. J.T. Nowakowski 1968".

PARATYPES: males No. 1640-1641 labelled "Polonia Mierzeja Wiślana Krynica Morska 11.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 11.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Paratypoid ♂ *Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak."; "*Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak. 1968 det. J.T. Nowakowski 1968".

PARATYPES: males No. 1644-1645 labelled "Polonia Mierzeja Wiślana Krynica Morska 16.VIII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4341 P(m) 4.VIII I 16.VIII"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1966"; "Paratypoid ♂ *Cerodontha* (*vigneae*) Nowak."; "*Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak. 1968 det. J.T. Nowakowski 1968".

Paratype male No. 1646 labelled "Polonia Mierzeja Wiślana Krynica Morska 10.II.1967 leg. J.T. Nowakowski"; "Łęg olchowy nad Zalewem Wiślanym 4354 L 4.4.VIII.66-P(m) 8.VIII I 10.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Carex vulpina* L. det. J.T. Nowakowski 1967"; "Paratypoid ♂ *Cerodontha* (*Butomyza*) *vigneae* Nowak."; "*Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak. det. J.T. Nowakowski 1967"; "Prep. genit. 1051".

PARATYPE female No. 1647 labelled "Polonia Mierzeja Wiślana Krynica Morska 2.VIII.1964 leg. J.T. Nowakowski"; "Łęg olchowy 4147 P(m) 28.VII.1964 I 2.VIII."; "Inst. Zool. PAN Warszawa 20/64"; "cult ex larva in *Carex pseudocyperus* L. det. J.T. Nowakowski 1964"; "Paratypoid ♀ *Cerodontha* (*Butomyza*) *vignae* Nowak."; "*Cerodontha* ♂ (*Butomyza*) *vigneae* Nowak. det. J.T. Nowakowski 1968".

Cerodontha (Cerodontha) stackelbergi Nowakowski, 1972: 738

This species was described from two males and five females. In MZPW resides four of them.

PARATYPE female No. 1684 labelled "Fennia Kitee E. Thuneberg/Popianizm, 29.6.[19]63"; "*Cerodontha*

affinis ♀ 63 E.Thuneberg det"; "*Cerodontha* ♀ *stackelbergi* Nowak. det. J.T. Nowakowski 1971"; "Paratypoid ♀ *Cerodontha stackelbergi* Nowakowski."; "Muz. Zool. PAN Warszawa 102/63".

PARATYPE female No. 1685 labelled "Fennia Kitee E. Thuneberg 26.6.[19]64"; "*Cerodontha* ♀ *stackelbergi* Nowak. det. J.T. Nowakowski 1971"; "Paratypoid ♀ *Cerodontha stackelbergi* Nowakowski."; "Muz. Zool. PAN Warszawa 102/64".

PARATYPE female No. 1686 labelled "Estonia 7.VII.1904 leg. Fr. Sintenis"; "7 42 7"; "transcriptio 3187 *Ceratomyza denticornis* Panz. det. Fr. Sintenis 18"; "Inst. Zool. PAN Warszawa ex coll Fr. Sintenis 78/55"; "*Cerodontha* ♀ *stackelbergi* Nowak. det. J.T. Nowakowski 1971"; "Paratypoid ♀ *Cerodontha stackelbergi* det. J.T. Nowakowski".

PARATYPE male No. 1687 labelled "[Russia] UKKN Petrograd. 10.VII.[1]928. Stackelberg [cyrillic]"; "transcriptio *Cerodontha affinis* Flln. det. A.A. Stackelberg"; "*Cerodontha stackelbergi* Nowak. det. J.T. Nowakowski 1971"; "Paratypoid ♂ *Cerodontha stackelbergi* Nowakowski"; "Prep. genit. 1034"; "Muz. Zool. PAN Warszawa 100/59".

Cerodontha (Dizygomyza) carpatica Nowakowski, 1972: 757

This species was described from one male and four females. In MZPW resides all of them.

HOLOTYPE male No. 1722 labelled "Polonia Carpathes Beskid Sądecki Polana Gwoździanka 27.IV.1970 leg. J.T. Nowakowski"; "Las bukowo-jodłowy 4853 L, P(m) 9.VIII.69- P(m) 15.VIII I 27.IV.70"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Lusula nemorosa* (Poll.) E. Mey det. J.T. Nowakowski 1970"; "Holotypus ♀ *Cerodontha (Dizygomyza) carpatica* Nowakowski"; "*Cerodontha* ♀ (*Dizygomyza*) *carpatica* Nowak. det. J.T. Nowakowski"; "pr. gen. 1011".

Notes: right midleg missing, pupa glued on label.

ALLOTYPE female No. 1718 labelled "Polonia Bieszczady Szeroki Wierch XII.1965 leg. J.T. Nowakowski"; "Buczyna 32/Bie P(m) 24.VIII.65 I XII.65"; "Inst. Zool. PAN Warszawa 20/66"; "cult. ex larva in *Lusula nemorosa* (Poll.) E. Mey det. J.T. Nowakowski 1966"; "Allotypoid ♀ *Cerodontha (Dizygomyza) carpatica* Nowakowski"; "*Cerodontha* ♀ (*Dizygomyza*) *carpatica* Nowak. det. J.T. Nowakowski 1969".

PARATYPE female No. 1719 labelled "Polonia Bieszczady Smerek XII.1965 leg. J.T. Nowakowski"; "Buczyna 24/Bie P(m) 20.VIII.65 I XII.65"; "Inst. Zool. PAN Warszawa 20/66"; "cult. ex larva in *Lusula nemorosa* (Poll.) E. Mey det. J.T. Nowakowski 1966"; "Paratypoid ♀ *Cerodontha (Dizygomyza) carpatica* Nowakowski"; "*Cerodontha* ♀ (*Dizygomyza*) *carpatica* Nowak. det. J.T. Nowakowski 1969".

PARATYPE female No. 1720 labelled "Polonia Carpathes Beskid Sądecki Polana Gwoździanka 14.II.1970 leg. J.T. Nowakowski"; "Las bukowo-jodłowy 4853 L, P(m) 9.VIII.69- P(m) 15.VIII I II.70"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Lusula nemorosa* (Poll.) E. Mey det. J.T. Nowakowski 1970"; "Paratypoid ♀ *Cerodontha (Dizygomyza) carpatica* Nowakowski"; "*Cerodontha* ♀ (*Dizygomyza*) *carpatica* Nowak. det. J.T. Nowakowski".

PARATYPE female No. 1721 labelled "Polonia Carpathes Beskid Sądecki Polana Gwoździanka 13.II.1970 leg. J.T. Nowakowski"; "Las bukowo-jodłowy 4853 L, P(m) 9.VIII.69- P(m) 15.VIII I 13.II.70"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Lusula nemorosa* (Poll.) E. Mey det. J.T. Nowakowski 1970"; "Paratypoid ♀ *Cerodontha (Dizygomyza) carpatica* Nowakowski"; "*Cerodontha* ♀ (*Dizygomyza*) *carpatica* Nowak. det. J.T. Nowakowski".

Cerodontha (Dizygomyza) elbergi Nowakowski, 1972: 754

This species was described from two males and two females. In MZPW resides all of them.

HOLOTYPE male No. 1715 labelled "Polonia Tatry Wąwóz Kraków. 17.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4463 P(m) 12.X.66 I 17 II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in

Sesleria tatrae (Degen) Ocył det. J.T. Nowakowski 1967"; "*Cerodontha* ♂ (*Dizygomyza*) *crassiseta* (Strobl) det. J.T. Nowakowski 1967"; "*Cerodontha* (m) (*Dizygomyza*) *elbergi* Nowak. det. J.T. Nowakowski 1969"; "Holotypus ♂ *Cerodontha* (*Dizygomyza*) *elbergi*".

Notes: specimen in good condition, pupa glued on label.

PARATYPE male No. 1714 labelled "Polonia Tatry Wąwóz Kraków. 17.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4463 P(m) 12.X.66 I 17II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Sesleria tatrae* (Degen) Ocył det. J.T. Nowakowski 1967"; "*Cerodontha* ♂ (*Dizygomyza*) *crassiseta* (Strobl) det. J.T. Nowakowski 1967"; "*Cerodontha* (m) (*Dizygomyza*) *elbergi* Nowak. det. J.T. Nowakowski 1969"; "Paratypoid ♂ *Cerodontha* (*Dizygomyza*) *elbergi*".

PARATYPE male No. 1716 labelled "[Fennia] Lääne-Eestii Laelatu puis-hiit K. Elberg 25.V.1961"; "33"; "Prep. genit. 792"; "*Dizygomyza* ♂ *crassiseta* Zett. det. J.T. Nowakowski 1964"; "Paratypoid ♂ *Cerodontha* (*Dizygomyza*) *elbergi* Nowakowski"; "*Cerodontha* (*Dizygomyza*) *elbergi* det. J.T. Nowakowski 1969"; "Muz. Zool. PAN Warszawa 102/63".

PARATYPE female No. 1717 labelled "[Fennia] Lääne-Eestii Laelatu puis-hiit K. Elberg 25.V.1961"; "31"; "*Dizygomyza* ♀ *crassiseta* Zett. det. J.T. Nowakowski 1964"; "Paratypoid ♀ *Cerodontha* (*Dizygomyza*) *elbergi* Nowakowski"; "*Cerodontha* (*Dizygomyza*) *elbergi* det. J.T. Nowakowski 1969"; "Muz. Zool. PAN Warszawa 102/63".

Cerodontha (*Dizygomyza*) *eriphori* Nowakowski, 1972: 762

This species was described from one male and one female. In MZPW resides one of them.

ALLOTYPE female No. 1723 labelled "Polonia Pojezierze Brodnickie, Zbiczo Jez. Kochanka 14.VIII.1970 leg. J.T. Nowakowski"; "Zarastające jezioro śródleśne 4994 P(m) 26.VII.70 I 4.VIII"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Eriphorum latifolium* Hoppe det. J.T. Nowakowski 1970"; "*Cerodontha* ♀ (*Dizygomyza*) *eriphori* Nowak. det. J.T. Nowakowski 1970"; "Allotypoid ♀ *Cerodontha* (*Dizygomyza*) *eriphori* Nowakowski".

Cerodontha (*Dizygomyza*) *gallica* Nowakowski, 1967: 644

This species was described from three males. In MZPW resides two of them.

HOLOTYPE male No. 1655 labelled "Francja, Alpes Mar Colle-sur Loup 18.II.1962 leg. J.T. Nowakowski"; "las liściasty nad rzeką 49/Fr P(m) 10.XI.1961 I.18.II.62"; "Inst. Zool. PAN Warszawa 20/62"; "cult ex larva in *Carex* sp. det. J.T. Nowakowski 1962"; "Holotypus ♂ *Cerodontha* (*Dizygomyza*) *gallica* Nowakowski, 1967"; "*Cerodontha* (*Dizygomyza*) *gallica* (Nowak) det. J.T. Nowakowski 1968".

Notes: abdomen, right forelegs tarsus missing.

PARATYPE male No. 1654 labelled "Polonia Puszcza Kampinoska Granica 6.VIII.1955 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LXXXI/383 P(m) 31.VII.55 I 6.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "cult ex larva in *Carex* sp. det. J.T. Nowakowski 1957"; "prep. genit. 82"; "Prep. larvae 569"; "Paratypoid ♂ *Cerodontha* (*Dizygomyza*) *gallica* Nowakowski 1967"; "*Cerodontha* (*Dizygomyza*) *gallica* (Nowak.) det. J.T. Nowakowski 1968".

Cerodontha (*Dizygomyza*) *hirtae* Nowakowski, 1967: 641

This species was described from two males and three females. In MZPW resides all of them.

HOLOTYPE male No. 1652 labelled "Polonia Łazy s. Warszawa 10.V.1965 leg. J.T. Nowakowski"; "Las mieszany 4186 L, P(m) 18.X.64-P(m) 24.X. I 10.V.65."; "Inst. Zool. PAN Warszawa 20/65"; "cult ex larva in *Carex hirta* det. J.T. Nowakowski 1965"; "Holotypus ♂ *Cerodontha* (*Dizygomyza*) *hirtae* Nowak."; "*Cerodontha* (*Dizygomyza*) *hirtae* Nowak. det. J.T. Nowakowski 1968".

Notes: head, right wing, and right foreleg missing, left wing destroyed, pupa glued on label.

ALLOTYPE female No. 1649 labelled "[Polonia] Puszcza Kampinoska Cybulice 16.V.1956 leg. J.T. Nowakowski"; "Las mieszany-XCII/655 L 3.XI.55- P(m) 10.XI. I 16.V.56"; "Inst. Zool. PAN Warszawa 60/56"; "cult ex larva in *Carex hirtae* L. det. J.T. Nowakowski 1956"; "Allotypoid ♀ *Cerodontha (Dizygomyza) hirtae* Nowak."; "*Cerodontha* ♀ (*Dizygomyza*) *hirtae* Nowak."

PARATYPE female No. 1648 labelled "[Polonia] Puszcza Kampinoska Cybulice 16.V.1956 leg. J.T. Nowakowski"; "Las mieszany-XCII/655 L 3.XI.1955- P(m) 10.XI. I 16.V.56"; "Inst. Zool. PAN Warszawa 60/56"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1956"; "prep. larvae 548"; "Paratypoid ♀ *Cerodontha (Dizygomyza) hirtae* Nowakowski"; "*Cerodontha* ♀ (*Dizygomyza*) *hirtae* Nowak. det. J.T. Nowakowski 1968".

PARATYPE male No. 1650 labelled "Polonia Warszawa-Pyry VII.1964 leg. J.T. Nowakowski"; "Lasy Kabackie las mieszany 4047 P(m) 7.VII.1964 I VII.64"; "Inst. Zool. PAN Warszawa 20/64"; "cult. ex larva in *Carex hirta* L. det. J.T. Nowakowski 1964"; "Paratypoid ♂ *Cerodontha (Dizygomyza) hirtae* Nowak."; "*Cerodontha* ♂ (*Dizygomyza*) *hirtae* Nowak. det. J.T. Nowakowski".

PARATYPE female No. 1651 labelled "Polonia Łazy p. Warszawa 7.XII.1964 leg. J.T. Nowakowski"; "Las mieszany 4186 L 18 X.64- P(m) pochw. liśc. 24.X. I 7.XII."; "Inst. Zool. PAN Warszawa 20/64"; "cult ex larva in *Carex hirta* L. det. J.T. Nowakowski 1964"; "Paratypoid ♀ *Cerodontha (Dizygomyza) hirtae* Nowak."; "*Cerodontha (Dizygomyza) hirtae* Nowak. det. J.T. Nowakowski 1968".

PARATYPE female No. 1653 labelled "Polonia Łazy s. Warszawa 12.V.1965 leg. J.T. Nowakowski"; "Las mieszany 4186 L, P(m) 18.X.64-P(m) 24.X. I 12.V.65."; "Inst. Zool. PAN Warszawa 20/65"; "cult ex larva in *Carex hirta* det. J.T. Nowakowski 1965"; "Paratypoid ♀ *Cerodontha (Dizygomyza) hirtae* Nowak."

Cerodontha (Dizygomyza) islandica Griffiths, 1968: 129

This species was described from four males and nine females. In MZPW resides one of them.

PARATYPE male No. 1528 labelled "Paratype"; "Island, Hornafjörður Dynjandi. Loc. 76 24.6.1966 Hugo Andersson"; "*Cerodontha (Dizygomyza) islandica* spn. det. G.C.D. Griffiths-67"; "*Cerodontha (Dizygomyza) islandica* prep. genit."; "Muz. Zool. PAN Warszawa 20/67".

Cerodontha (Poemyza) alpina Nowakowski, 1967: 649

This species was described from one male and five females. In MZPW resides six of them.

HOLOTYPE male No. 1662 labelled "Polonia Tatry Wąwóz Kraków. 4.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4423 P(m) 22.IX.66 I 4.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Triseum alpestre* (Host) P.B. det. J.T. Nowakowski"; "*Cerodontha (Poemyza) alpina* Nowak. det. J.T. Nowakowski"; "Holotypus ♂ *Cerodontha (Poemyza) alpina* det. J.T. Nowakowski".

Notes: pupa, abdomen with prepared genitalia glued on label.

ALLOTYPE female No. 1663 labelled "Polonia Tatry Wąwóz Kraków. 2.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4437 P(m) 21.IX.66 I 4.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Poa alpina* L. det. J.T. Nowakowski"; "*Cerodontha (Poemyza) alpina* Nowak. det. J.T. Nowakowski 1967"; "Allotypoid ♀ *Cerodontha (Poemyza) alpina* Nowak. det. J.T. Nowakowski 1967".

PARATYPE female No. 1664 labelled "Polonia Tatry Wąwóz Kraków. 8.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4497 P(m) 12.X.66 I 8.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Poa alpina* L. det. J.T. Nowakowski"; "*Cerodontha (Poemyza) alpina* Nowak. det. J.T. Nowakowski 1967"; "Paratypoid ♀ *Cerodontha (Poemyza) alpina* Nowak. det. J.T. Nowakowski 1967".

PARATYPES: females No. 1665 - 1667 labelled "Polonia Tatry Wąwóz Kraków. 4.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4518 P(m) 14.X.66 I 4.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex *Poa alpina* det. J.T. Nowakowski"; "*Cerodontha (Poemyza) alpina* Nowak. det. J.T. Nowakowski 1967"; "Paratypoid ♀ *Cerodontha (Poemyza) alpina* Nowak. det. J.T. Nowakowski 1967".

Cerodontha (Poemyza) beigeriae Nowakowski, 1972: 742

This species was described from unknown number of males and females. In MZPW resides six of them. HOLOTYPE male No. 1690 labelled "Polonia Bytów Jez. Cechyńskie 4.IV.1969 leg. J.T. Nowakowski"; "Las bukowo-świerkowy nad jeziorem 5038 L 11.VIII.68-20.VIII. I 4.IV"; "Inst. Zool. PAN Warszawa 20/69"; "cult. ex larva in *Calamagrostis canescens* (Web.) Roth. det. J.T. Nowakowski 1969"; "*Cerodontha (Poemyza) beigeriae* det. J.T. Nowakowski 1969"; "*Cerodontha (Poemyza) beigeriae* Nowakowski Holotypus ♂".

Notes: abdomen and left wing missing, pupa and genitalia glued on label.

ALLOTYPE female No. 1691 labelled "Polonia Bytów Jez. Cechyńskie 3.IV.1969 leg. J.T. Nowakowski"; "Nad jeziorem śródleśnym 5021 L 11.VIII.68-P(m) 12.VIII. Pn 3.IV 69"; "Inst. Zool. PAN Warszawa 20/69"; "cult. ex larva in *Calamagrostis canescens* (Web.) Roth. det. J.T. Nowakowski 1969"; "Allotypoid ♀ *Cerodontha (Poemyza) beigeriae* Nowakowski 1969"; "*Cerodontha (Poemyza) beigeriae* Nowakowski".

PARATYPE female No. 1688 labelled "Polonia Krotoszyny dist. Nowe Miasto L. Rez. Jez. Kociołek"; "Zarastające jezioro śródleśne 5008 31.III.1971 leg. J.T. Nowakowski L 28.VII.70-P(m)4.VIII 31.III.71"; "Inst. Zool. PAN Warszawa 20/71"; "cult ex larva in *Calamagrostis canescens* (Web.) Roth. J.T. Nowakowski 1971"; "Paratypoid (f) *Cerodontha (Poemyza) beigeriae* Nowakowski"; "*Cerodontha (Poemyza) beigeriae* Nowak. ♀ det. J.T. Nowakowski 1971".

PARATYPE female No. 1689 labelled "Polonia Krotoszyny dist. Nowe Miasto L. Rez. Jez. Kociołek"; "Zarastające jezioro śródleśne 4384 P(m) 28.VII.[19]70 I 31.III.71"; "Inst. Zool. PAN Warszawa 20/71"; "cult ex larva in *Calamagrostis canescens* (Web.) Roth. det. J.T. Nowakowski 1971"; "Paratypoid ♀ *Cerodontha (Poemyza) beigeriae* Nowakowski"; "*Cerodontha (Poemyza) beigeriae* Nowak. det. J.T. Nowakowski 1971".

PARATYPE male No. 1692 labelled "Polonia Puszcza Kampinoska Rez. Sieraków 23.IV.1970 leg. J.T. Nowakowski"; "olszyna 4882 P(m) 9.IX.69 I 23.IV.70"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Calamagrostis canescens* (Web.) Roth. det. J.T. Nowakowski 1970"; "Paratypoid ♂ *Cerodontha (Poemyza) beigeriae*"; "*Cerodontha (Poemyza) beigeri* Nowakowski det. J.T. Nowakowski 1970".

PARATYPE female No. 1693 labelled "Polonia Puszcza Kampinoska Rez. Sieraków 23.IV.1970 leg. J.T. Nowakowski"; "Olszyna 4882 P(m) 9.IX.69 I 23.IV.70"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Calamagrostis canescens* (Web.) Roth. det. J.T. Nowakowski 1970"; "Paratypoid ♀ *Cerodontha (Poemyza) beigeriae*"; "*Cerodontha (Poemyza) beigeri* Nowakowski det. J.T. Nowakowski 1970".

Cerodontha (Poemyza) calamagrostidis Nowakowski, 1967: 648

This species was described from one male and one female. In MZPW resides one of them.

HOLOTYPE male No. 1661 labelled "Polonia Kartuzy Rez. Jez. Ciche VI.1965 leg. J.T. Nowakowski"; "Buczyna 4093 L 25.VII.1964 P(m) 28.VII I.VI.65"; "Inst. Zool. PAN Warszawa 20/65"; "cult ex larva in *Calamagrostis canescens* (Web.) Roth leg. J.T. Nowakowski 1965"; "*Cerodontha (Poemyza) calamagrostidis* (Nowak.) det. J.T. Nowakowski 1967"; "Prep. genit. 867"; "Holotypus ♂ *Cerodontha (Poemyza) calamagrostidis* (Nowak.) det. J.T. Nowakowski 1967".

Notes: abdomen, left foreleg and midleg missing, pupa glued on label.

Cerodontha (Poemyza) melicae Nowakowski, 1972: 747

This species was described from unknown number of males and females. In MZPW resides eleven of them.

HOLOTYPE male No. 1698 labelled "Polonia Górzno distr Brodnica rez. Szumny Zdrój 24.VII.1970 leg. J.T. Nowakowski"; "Las grądowy 4927 P(m) 12.VII.70 I 24.VIII"; "Inst. Zool. PAN Warszawa 20/70"; "cult ex larva in *Melica nutans* L. det. J.T. Nowakowski 1970"; "*Cerodontha (Poemyza) melicae* Now. det. J.T. Nowakowski 1970"; "Holotypus ♂ *Cerodontha (Poemyza) melicae* Nowakowski".

Notes: specimen in good condition, pupa glued on label.

ALLOTYPE female No. 1697 labelled "Polonia Górzno distr Brodnica 26.VII.1970 leg. J.T. Nowakowski"; "Las grądowy 4931 P(m) 11.VII.70 I 26.VII"; "Inst. Zool. PAN Warszawa 20/70"; "cult ex larva in *Melica nutans* L. det. J.T. Nowakowski 1970"; "*Cerodontha* ♀ (*Poemyza*) *melicae* Now. det. J.T. Nowakowski 1970"; "Allotypoid ♀ *Cerodontha* (*Poemyza*) *melicae* Nowakowski".

PARATYPE male No. 1695 labelled "Polonia Beskid Sądecki Pol. Gwoździanka 26.VIII.1969 leg. J.T. Nowakowski"; "Las bukowo-jodłowy 4822 P(m) 9.VIII.69 I 26.VIII."; "Inst. Zool. PAN Warszawa 20/69"; "cult. ex larva in *Poa chaixii* Vill det. J.T. Nowakowski 1969"; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *melicae* Nowakowski"; "*Cerodontha* (*Poemyza*) *melicae* ♂ 1970 det. J.T. Nowakowski".

PARATYPE male No. 1696 labelled "Polonia Pojezierze Brodnickie, Ciche rez. Mieliwo 6.VIII.1970 leg. J.T. Nowakowski"; "las grądowy nad jeziorem 4965 P(m) 25.VII.70 I 6.VIII"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Melica nutans* L. det. J.T. Nowakowski"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *melicae* Nowakowski"; "*Cerodontha* (*Poemyza*) *melicae* Now. det. J.T. Nowakowski 1970".

PARATYPE male No. 1699 labelled "Polonia Górzno distr. Brodnica rez. Szumny Zdrój 24.VII.1970 leg. J.T. Nowakowski"; "Las grądowy 4927 P(m) 12.VII.70 I 24.VIII"; "Inst. Zool. PAN Warszawa 20/70"; "cult ex larva in *Melica nutans* L. det. J.T. Nowakowski 1970"; "*Cerodontha* ♀ (*Poemyza*) *melicae* Now. det. J.T. Nowakowski 1970"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *melicae* Nowakowski".

PARATYPE male No. 1700 labelled "Polonia Górzno distr. Brodnica 22.VII.1970 leg. J.T. Nowakowski"; "Las grądowy 4931 P(m) 11.VII.70 I 22.VII"; "Inst. Zool. PAN Warszawa 20/70"; "cult ex larva in *Melica nutans* L. det. J.T. Nowakowski 1970"; "*Cerodontha* ♀ (*Poemyza*) *melicae* Now. det. J.T. Nowakowski"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *melicae* Nowakowski".

PARATYPE male No. 1701 labelled "Polonia Pojezierze Brodnickie, Ciche przy rez. Mieliwo 4.VIII.1970 leg. J.T. Nowakowski"; "las mieszany nad jeziorem 4967 P(m) 24.VII.70 I 4.VIII"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Calamagrostis arundinacea* (L.) det. J.T. Nowakowski 1970"; "*Cerodontha* (*Poemyza*) *melicae* Now. det. J.T. Nowakowski 1970"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *melicae* Nowakowski".

PARATYPES: females No. 1702 - 1703 labelled "Polonia Gorce Kopienice Rez. im. Orkana 12.VIII.1969 leg. J.T. Nowakowski"; "Skraj lasu bukowo-jodłowego 4801 L 28.VII.68 P(m) 31.VII. I 12.VIII"; "Inst. Zool. PAN Warszawa 20/69"; "cult ex larva in *Poa chaixii* Vill. det. J.T. Nowakowski 1969"; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *melicae* Nowakowski"; "*Cerodontha* (*Poemyza*) *melicae* Nowak. ♀ det. J.T. Nowakowski 1970".

PARATYPE female No. 1704 labelled "Polonia Gorce Kopienice Rez. im. Orkana 14.VIII.1969 leg. J.T. Nowakowski"; "Skraj lasu bukowo-jodłowego 4801 L 28.VII.68 P(m) 31.VII. I 14.VIII"; "Inst. Zool. PAN Warszawa 20/69"; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *melicae* Nowakowski"; "*Cerodontha* (*Poemyza*) *melicae* Now. det. J.T. Nowakowski 1970".

PARATYPE female No. 1705 labelled "Polonia Gorce Lubań 29.VII.1969 leg. J.T. Nowakowski"; "Polana w borze świerkowym 4786 P(m) 18.VII.1969 I 29.VII"; "Inst. Zool. PAN Warszawa 20/69"; "cult ex larva in *Poa chaixii* Vill. det. J.T. Nowakowski 1969"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *melicae* Nowakowski"; "*Cerodontha* ♀ (*Poemyza*) *melicae* Now. det. J.T. Nowakowski".

Cerodontha (*Poemyza*) *phalaridis* Nowakowski, 1967: 647

This species was described from one male and two females. In MZPW resides one of them.

PARATYPE male No. 1656 labelled "Polonia Puszcza Piska Wierzba s. Popielno 26.VII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Jeziorem Mikołajskim 4301 L 5.VII.66-P 14.VII I 26.VII."; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Phalaris arundinacea* L. det. J.T. Nowakowski 1966"; "*Cerodontha* (*Poemyza*) *phalaridis* Nowak. det. J.T. Nowakowski"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *phalaridis* Nowakowski 1967".

Cerodontha (Poemyza) phragmitidis Nowakowski, 1967: 647

This species was described from one male and two females. In MZPW resides all of them.

HOLOTYPE male No. 1657 labelled "Polonia, Górki Wsch. s. Gdańsk. Rez. Raj Ptasi 29.VII.1964 leg. J.T. Nowakowski"; "Olszyna, przy szuwarach 4081 P(m) 23.VII.64 I 29.VII"; "Inst. Zool. PAN Warszawa 20/64"; "cult ex larva in *Phragmites communis* Trin."; "*Cerodontha* ♂ (*Poemyza*) *phragmitidis* Nowak. det. J.T. Nowakowski 1968"; "Holotypus ♂ *Cerodontha (Poemyza) phragmitidis* Nowakowski 1967".

Notes: abdomen, left foreleg missing, pupa and genitalia glued on label.

ALLOTYPE female No. 1658 labelled "Polonia Puszcza Kampinowska Rezerwat Sieraków VII.1964 leg. J.T. Nowakowski"; "Olszyna 4026 P(m) 15.VII.64 I VII.64"; "Inst. Zool. PAN Warszawa 20/64"; "cult ex larva in *Phragmites communis* Trin. det. J.T. Nowakowski"; "Allotypoid ♀ *Cerodontha (Poemyza) phragmitidis* Nowakowski 1967"; "*Cerodontha* ♀ (*Poemyza*) *phragmitidis* Nowakowski 1967".

PARATYPE female No. 1659 labelled "Polonia Puszcza Piska Wierzba s. Popielno 22.VII.1966 leg. J.T. Nowakowski"; "Łęg olchowy nad Jeziołem Mikołajskim 4287 P(m) 9.VII.66 I 22.VII."; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Phragmites communis* Trin. det. J.T. Nowakowski 1966"; "Paratypoid ♀ *Cerodontha* ♀ (*Poemyza*) *phragmitidis* Nowakowski 1967"; "*Cerodontha* ♀ (*Poemyza*) *phragmitidis* Nowak. det. J.T. Nowakowski".

Cerodontha (Poemyza) tatrix Nowakowski, 1967: 652

This species was described from five males and four females. In MZPW resides eight of them.

HOLOTYPE male No. 1675 labelled "Polonia Tatry Wąwóz Kraków 6.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4527 L 14.X.66-P 22.X I 6.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Calamagrostis arundinacea* (L) Roth det. J.T. Nowakowski 1967"; "Holotypus ♂ *Cerodontha (Poemyza) tatrix* Nowak. 1967"; "*Cerodontha (Poemyza) tatrix* Nowak. det. J.T. Nowakowski 1968".

Notes: abdomen missing, pupa and genitalia glued on label.

ALLOTYPE female No. 1669 labelled "Polonia Bieszczady Obnoga 14.III.1966 leg. J.T. Nowakowski"; "Buczyna 60/Bie P(m) 3.X.1965 I 14.III.66"; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Calamagrostis arundinacea* (L) Roth. det. J.T. Nowakowski 1966"; "Allotypoid ♀ *Cerodontha (Poemyza) tatrix* Nowakowski 1967"; "*Cerodontha (Poemyza) tatrix* Nowak. det. J.T. Nowakowski 1968".

PARATYPE male No. 1668 labelled "Polonia Tatry Wąwóz Kraków. 11.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4504 P(m) 14.X.66 I 11.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Calamagrostis arundinacea* (L.) det. J.T. Nowakowski"; "Paratypoid ♂ *Cerodontha (Poemyza) tatrix* Nowakowski 1967".

PARATYPE female No. 1670 labelled "Polonia Tatry nad Morskim Okiem 11.II.1967 leg. J.T. Nowakowski"; "Regiel górny 4471 L, P(4) 8.X.66-P(m) 13.X I 11.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Calamagrostis villosa* (Chaix) Gmel. det. J.T. Nowakowski 1967"; "Paratypoid ♀ *Cerodontha (Poemyza) tatrix* Nowakowski 1967"; "*Cerodontha (Poemyza) tatrix* Nowak. ♀ det. J.T. Nowakowski".

PARATYPE male No. 1671 labelled "Polonia Tatry Wąwóz Kraków 8.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4421 L, P(m) 21.IX.66 P(m) 27.IX I 8.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Festuca carpatica* Dietz. det. J.T. Nowakowski"; "Prep. genit. 882"; "Paratypoid ♂ *Cerodontha (Poemyza) tatrix* Nowakowski 1967"; "*Cerodontha (Poemyza) tatrix* Nowak. 1969 det. J.T. Nowakowski".

PARATYPE female No. 1672 labelled "Polonia Tatry Wąwóz Kraków 17.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4430 L 24.IX.66-P(m) 28.IX I 17.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Festuca silvatica* (Poll.) Vill. det. J.T. Nowakowski"; "Paratypoid ♀ *Cerodontha (Poemyza) tatrix* Nowakowski, 1967"; "*Cerodontha (Poemyza) tatrix* Nowak. det. J.T. Nowakowski 1968".

PARATYPE female No. 1673 labelled "Polonia Tatry Wąwóz Kraków 20.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4406 L 24.IX.66-P(m) 26.IX I 20.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Festuca silvatica* (Poll.) Vill. det. J.T. Nowakowski 1967"; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *tatrica* Nowakowski, 1967"; "*Cerodontha* (*Poemyza*) *tatrica* Nowak. det. J.T. Nowakowski 1968".

PARATYPE female No. 1674 labelled "Polonia Tatry Wąwóz Kraków 28.II.1967 leg. J.T. Nowakowski"; "murawy naskalne 4421 L, P(m) 21.IX.66-P(m) 22.IX I 28.II.67"; "Inst. Zool. PAN Warszawa 20/67"; "cult ex larva in *Festuca silvatica* (Poll.) Vill. det. J.T. Nowakowski 1967"; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *tatrica* Nowak. 1968"; "*Cerodontha* (*Poemyza*) *tatrica* Nowak. det. J.T. Nowakowski 1968".

Notes: currently this name is a synonym of *Cerodontha* (*Poemyza*) *lapplandica* Rydén, 1956: 195.

Cerodontha (*Poemyza*) *thunebergi* Nowakowski, 1967: 647

This species was described from one male. It resides in MZPW.

HOLOTYPE male No. 1660 labelled "Fennia Geta Al. E. Thuneberg"; "Prep. alae 61"; "*Cerodontha* (*Poemyza*) *thunebergi* Nowak. det. J.T. Nowakowski 1968"; "Holotypus ♂ *Cerodontha* (*Poemyza*) *thunebergi* Nowakowski 1967"; "Muz. Zool. PAN Warszawa 102/63".

Notes: abdomen, left wing and both forelegs missing.

Cerodontha (*Poemyza*) *zoerneri* Nowakowski, 1972: 747

This species was described from at least five males and six females. In MZPW resides eight of them.

HOLOTYPE male No. 1706 labelled "Polonia Pojezierze Brodnickie, Ciche przy rez. Mielwiwo 4.VIII.1970 leg. J.T. Nowakowski"; "las mieszany nad jeziorem 4967 P(m) 25.VII.70 I 4.VIII"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Calamagrostis arundinacea* (L.) Roth. det. J.T. Nowakowski 1970"; "*Cerodontha* ♂ (*Poemyza*) *zoerneri* Nowak. det. J.T. Nowakowski 1970"; "Holotypus *Cerodontha* (*Poemyza*) *zoerneri* Nowakowski".

Notes: head, abdomen, and left foreleg missing, pupa and genitalia glued on label.

PARATYPE female No. 1707 labelled "Polonia Pojezierze Brodnickie, Ciche przy rez. Mielwiwo 4.VIII.1970 leg. J.T. Nowakowski"; "las mieszany nad jeziorem 4967 P(m) 25.VII.70 I 4.VIII"; "Inst. Zool. PAN Warszawa 20/70"; "cult. ex larva in *Calamagrostis arundinacea* (L.) Roth. det. J.T. Nowakowski 1970"; "*Cerodontha* ♂ (*Poemyza*) *zoerneri* Nowak. det. J.T. Nowakowski 1970"; "Paratypoid *Cerodontha* (*Poemyza*) *zoerneri* Nowakowski".

PARATYPE female No. 1708 labelled "Polonia Puszcza Piska Rezerwat Strzałowo 22.VII.1966 leg. J.T. Nowakowski"; "Las grondowy nad jeziorem Majcz 4308 P(m) 5.VII.66 I 22.VII."; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Calamagrostis arundinacea* (L.) Roth. det. J.T. Nowakowski 1966"; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *zoerneri* Nowak. det. J.T. Nowakowski 1970"; "*Cerodontha* (*Poemyza*) *zoerneri* Nowakowski 1970".

PARATYPES: females No. 1709-1710 labelled "Polonia Lidzbark distr. Działdowo rez. Wlewski 30.VII.1970 leg. J.T. Nowakowski 1970"; "Polana w lesie mieszanym nad J. Lidzbarskim 4945 P(m) 18.VII.1979 I 30.VII"; "Inst. Zool. PAN Warszawa 20/70"; "cult ex larva in *Calamagrostis epigeios* (L.) Roth. det. J.T. Nowakowski 1970"; "*Cerodontha* ♀ (*Poemyza*) *zoerneri* Nowak. det. J.T. Nowakowski"; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *zoerneri* Nowakowski".

PARATYPE male No. 1711 labelled "Polonia Zwierzyniec Lasy Kosobudzkie XII.1965 leg. J.T. Nowakowski"; "Bór mieszany 4193 P(m) 21.VII.1965 I XII.65"; "Inst. Zool. PAN Warszawa 20/65"; "cult ex larva in *Calamagrostis epigeios* (L.) Roth. det. J.T. Nowakowski 1966"; "prep. genit. 818"; "*Cerodontha* (*Poemyza*) *zoerneri* Nowak. det. J.T. Nowakowski 1971"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *zoerneri* Nowakowski".

PARATYPE male No. 1712 labelled "Polonia Puszcza Piska Wierzba s. Popielno 18.VII.1966 leg. J.T. Nowakowski"; "Bór mieszany nad jeziorem Beldany 4300 P(m) 14.VII.66 I 18.VII."; "Inst. Zool. PAN

Warszawa 20/66"; "cult ex larva in *Calamagrostis epigeios* (L.) Roth. det. J.T. Nowakowski 1966"; "*Cerodontha* (*Poemyza*) *zoeneri* Nowak. det. J.T. Nowakowski 1970"; "Paratypoid ♂ *Cerodontha* (*Poemyza*) *zoeneri* Nowak."

PARATYPE female No. 1713 labelled "Polonia Puszcza Piska Jez. Gardyńskie 27.VII.1966 leg. J.T. Nowakowski"; "Las mieszany nad jeziorem 4302 P(m) 15.VII.66 I 27.VII."; "Inst. Zool. PAN Warszawa 20/66"; "cult ex larva in *Phalaris arundinacea* L. det. J.T. Nowakowski 1966"; "*Cerodontha* ♀ (*Poemyza*) *zoeneri* Nowak. det. J.T. Nowakowski 1970 "; "Paratypoid ♀ *Cerodontha* (*Poemyza*) *zoeneri* Nowakowski".

Cerodontha (*Poemyza*) *zuskae* Nowakowski, 1972: 746

This species was described from one male. It resides in MZPW.

HOLOTYPE male No. 1694 labelled "[Polonia] Puszcza Kampinoska Rezerwat Granica 11.V.1956 leg. J.T. Nowakowski"; "styk boru mieszanego z polem-LXIX/294 P(m) 13.VII.55 I 14.V.56"; "Inst. Zool. PAN Warszawa 60/58"; "*Poemyza incisa* ♂ Meig. ex *Agropyron repens* (L.) P.B. det. J.T. Nowakowski 1958"; "Prep. alae 5"; "*Cerodontha* (*Poemyza*) *zuskae* Nowak. det. J.T. Nowakowski 1971"; "Holotypus ♂ *Cerodontha* (*Poemyza*) *zuskae* Nowakowski".

Notes: abdomen, right wing, left legs and right foreleg missing, pupa and genitalia glued on label. Currently this name is a synonym of *Cerodontha* (*Poemyza*) *zuskai* Nowakowski, 1973: 123.

Cerodontha (*Xenophytomyza*) *venturii* Nowakowski, 1967: 655

This species was described from four males and four females. In MZPW resides eight of them.

HOLOTYPE male No. 1678 labelled "[Polonia] Pomerania Stolp i P. Reitz 17.6.1940 O. Karl"; "*Dizygomyza monfalconensis* Strobl. det. O. Karl"; "Holotyp ♂ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak. det. J.T. Nowakowski 1967"; "Muz. Zool. PAN Warszawa 29/47".

Notes: left legs missing.

ALLOTYPE female No. 1679 labelled "[Polonia] Stolp i P. Reitz 6.6.1940 O. Karl"; "*Dizygomyza monfalconensis* Strobl. det. O. Karl"; "- allotypoid ♀ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak. det. J.T. Nowakowski 1967"; "Muz. Zool. PAN Warszawa 29/47".

PARATYPE female No. 1676 labelled "Aesthonia 6.VII [18]87 leg Fr. Sintenis"; "transcriptio *Agromyza carbonaria* Zett. det. Fr. Sintenis"; "Inst. Zool. PAN Warszawa ex. coll. F. Sintenis 78/55"; "VII/682"; "Paratypoid ♀ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak. det. J.T. Nowakowski 1967".

PARATYPE female No. 1677 labelled "Silesia S.XIX. coll Scholtz"; "transcriptio *Agromyza errans* Meig. det ex coll. Scholtz"; "paratypoid ♀ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak."; "*Cerodontha* (*Xenophytomyza*) *venturi* 1967 det. J.T. Nowakowski"; "Muz. Zool. PAN Warszawa 12/45".

PARATYPE male No. 1680 labelled "[Polonia] Stolp i P. Reitz 6.6.1940 O. Karl"; "*Dizygomyza monfalconensis* Strobl. det. O. Karl"; "prep alae 45"; "Paratypoid ♂ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak. det. J.T. Nowakowski 1967"; "Muz. Zool. PAN Warszawa 29/47".

PARATYPE male No. 1681 labelled "Fennia"; "Fennia Kitee E. Thuneberg"; "Prep. genit. 835"; "Paratypoid ♂ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak. det. J.T. Nowakowski 1967"; "Muz. Zool. PAN Warszawa 102/63".

PARATYPE male No. 1682 labelled "Fennia"; "Fennia Kitee E. Thuneberg"; "Paratypoid ♂ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak. det. J.T. Nowakowski 1967"; "Muz. Zool. PAN Warszawa 102/63".

PARATYPE female No. 1683 labelled "Fennia"; "Fennia Kitee E. Thuneberg"; "Paratypoid ♀ *Cerodontha* (*Xenophytomyza*) *venturi* Nowak. det. J.T. Nowakowski 1967"; "Muz. Zool. PAN Warszawa 102/63".

Dizygomyza effusi Karl, 1926: 136

This species was described from two males and eight females. In MZPW resides four lectotypes designed by J.T. Nowakowski, 1967: 640.

LECTOTYPE male No. 1553 labelled "[Polonia] Stolp i. P. *Juncus eff.* 21.1.1926 O. Karl"; "*Dizygomyza luctuosa* Meig. det. O. Karl"; "Lectotypus ♂ det. J.T. Nowakowski 1964 *Dizygomyza effusi* Karl, 1926"; "*Cerodontha (Dizygomyza) luctuosa* (Meig) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 29/47".

Notes: abdomen and all right legs missing, genitalia glued on label.

PARALECTOTYPE female No. 1552 labelled "[Polonia] Stolp i. P. *Juncus effusi* 20.1.1926 O. Karl"; "*Dizygomyza luctuosa* Meig. det. O. Karl"; "Paralectotypoid ♀ det. J.T. Nowakowski 1964 *Dizygomyza effusi* Karl, 1926"; "*Cerodontha (Dizygomyza) luctuosa* (Meig) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 29/47".

PARALECTOTYPE female No. 1554 labelled "[Polonia] Stolp i. P. *Juncus effusi* 16.1.1926 O. Karl"; "*Dizygomyza luctuosa* Meig. det. O. Karl"; "Paralectotypoid ♀ det. J.T. Nowakowski 1964 *Dizygomyza effusi* Karl, 1926"; "*Cerodontha (Dizygomyza) luctuosa* (Meig) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 29/47".

PARALECTOTYPE female No. 1555 labelled "[Polonia] Stolp i. P. *Juncus effusi* 21.1.1926 O. Karl"; "*Dizygomyza luctuosa* Meig. det. O. Karl"; "Paralectotypoid ♀ det. J.T. Nowakowski 1964 *Dizygomyza effusi* Karl, 1926"; "*Cerodontha (Dizygomyza) luctuosa* (Meig) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 29/47".

Notes: currently this name is a synonym of *Cerodontha (Dizygomyza) luctuosa* Meigen, 1830: 182.

Dizygomyza karli Hendel, 1927: 253

This species was described from unknown number of specimens. One of them resides in MZPW.

SYNTYPE female No. 1542 labelled "[Polonia] Stolp i. P Gr. Pirelli 9.6.1934 O. Karl"; "*Dizygomyza karli* Hend. det. J.T. Nowakowski"; "*Phytobia karli* ♀ Hend. det. J.T. Nowakowski"; "*Phytobia karli* Hend. det. J.T. Nowakowski 1957"; "Muz. Zool. PAN Warszawa 29/47"; "*Amauromyza (Cephalomyza) karli* Hend. det. J.T. Nowakowski".

Notes: Possible Syntype or Holotype. Currently this name is a synonym of *Amauromyza (Cephalomyza) karli* Hendel, 1927: 253.

Dizygomyza scirpi Karl, 1926: 137

This species was described from one male and fourteen females. In MZPW resides four lectotypes designed by J.T. Nowakowski, 1967: 638.

LECTOTYPE male No. 1558 labelled "[Polonia] Stolp i. P. *Scirpus silv.* 30.1.1926. O. Karl"; "*Dizygomyza scutellaris* v. Ros det. O. Karl"; "Lectotypus ♂ det. J.T. Nowakowski 1964/*Dizygomyza scirpi* Karl, 1926"; "*Cerodontha ♂ (Butomomyza) scirpi* (Karl) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 29/47".

Notes: specimen in good condition.

PARALECTOTYPE female No. 1556 labelled "[Polonia] Stolp i. P. *Scirpus* 21.1.1926. O. Karl"; "*Dizygomyza scutellaris* v. Ros det. O. Karl"; "Paralectotypoid ♀ det. J.T. Nowakowski 1964/*Dizygomyza scirpi* Karl, 1926"; "*Cerodontha ♂ (Butomomyza) scirpi* (Karl) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 29/47".

PARALECTOTYPES: males No. 1557-1559 labelled "[Polonia] Stolp i. P. *Scirpus* 28.1.1926. O.Karl"; "*Dizygomyza scutellaris* v. Ros det. O. Karl"; "Paralectotypoid ♀ det. J.T. Nowakowski 1964/*Dizygomyza scirpi* Karl, 1926"; "*Cerodontha ♂ (Butomomyza) scirpi* (Karl) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 29/47".

Notes: currently this name is a synonym of *Cerodontha (Butomomyza) scirpi* Karl, 1926: 137.

Dizygomyza sönnerupi Hering, 1937: 570

This species was described from one male and one female. In MZPW resides one of them.

PARATYPE male No. 1545 labelled "Mine an *Carex arenaria*"; "Paratypus"; "Maribo, Dän. No 29.III.1936 Sönnerup S."; "*Dizygomyza sönnerupi* m. okt. Stering, P.T."; "*Cerodontha (Dizygomyza) caricicola* (Her.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 12/45".

Notes: currently this name is a synonym of *Cerodontha (Dizygomyza) caricicola* Hering, 1926: 483.

Dizygomyza (Amauromyza) carlinae Hering, 1944: 118

This species was described from unknown number of specimens. In MZPW resides one, possible syntype.

SYNTYPE male No. 1546 labelled "Typus"; "Mine an *Carlina vulgaris*"; "[Gallia] La Baule, Loire i. 8.7.1944 Nr. B Dr. H. Buhr 669."; "*Dizygomyza carlina* M. det. Hering 1944"; "Muz. Zool. PAN Warszawa 12/45"; "*Amauromyza (Amauromyza) carlinae* (Hering) det. J.T. Nowakowski".

Notes: currently this name is a synonym of *Amauromyza (Amauromyza) carlinae* Hering, 1944: 118.

Dizygomyza (Cephalomyza) crucifericola Hering, 1951: 31

This species was described from unknown number of specimens. In MZPW resides one of them.

PARATYPE female No. 1549 labelled "♀"; "[Germania] Mecklenburg 5578 Rostock B.G.11.III.1935 Dr. H. Buhr Z. *Dizygomyza perroti* P. T. *crucifericola* m."; "Paratypus"; "Mine an *Lepidium perfoliatum*"; "*Cephalomyia crucifericola* Her. det. transcr. E.M. Hering"; "Muz. Zool. PAN Warszawa 12/45"; "*Liriomyza crucifericola* Hering det. J.T. Nowakowski".

Notes: currently this name is a synonym of *Liriomyza crucifericola* Hering, 1951: 31.

Liriomyza dendranthema Nowakowski, 1975: 408

This species was described from four males and two females. In MZPW resides five of them.

HOLOTYPE male No. 1725 labelled "Polonia, Pieniny Wąwóz Sobczański 2.X.1971 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Dendranthema zawadzki* 5247 L 16.VIII.71 P 27.VIII I 2.X"; "Holotypus ♂ *Liriomyza dendranthema* Nowak."; "Prep. genit. 1086"; "Prep. alae"; "Muz. Zool. PAN Warszawa 20/71".

Notes: abdomen and right wing missing, genitalia glued on label.

ALLOTYPE female No. 1727 labelled "Polonia, Pieniny Wąwóz Sobczański 23.VIII.1973 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Dendranthema zawadzki* 6770 L 28.VII.73-P 3.VIII I 23.VIII"; "Allotypoid ♀ *Liriomyza dendranthema* Nowak."; "Muz. Zool. PAN Warszawa 20/73".

PARATYPES: males No. 1724-1725 labelled "Polonia, Pieniny Wąwóz Sobczański 16.IX.1971 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Dendranthema zawadzki* 5247 L 16.VIII.71 P 27.VIII I 16.IX"; "Paratypoid ♂ *Liriomyza dendranthema* Nowak."; "Muz. Zool. PAN Warszawa 20/71".

PARATYPE male No. 1728 labelled "Polonia, Pieniny Wąwóz Sobczański 27.VIII.1973 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Dendranthema zawadzki* 6770 L 28.VII.73 P 3.VIII I 27.VIII"; "Paratypoid ♂ *Liriomyza dendranthema* Nowak."; "♂ 1403"; "Muz. Zool. PAN Warszawa 20/73".

Liriomyza heringi Nowakowski, 1961: 140

This species was described from two males and one female. In MZPW resides one of them.

PARATYPE male No. 1606 labelled "♂"; "Mine an *Euphorbia Oniygdaloides*"; "Tighina Bessarab Hering, Z.8.IV.[19]31. No 3735"; "coll. Hypon. M. Hering."; "Paratypoid ♂ *Liriomyza heringi* Nowak."; "Prep. genit. 717"; "*Liriomyza heringi* Nowak. det. J.T. Nowakowski 1963"; "Muz. Zool. PAN Warszawa 12/45".

Melanagromyza symphyti Griffiths, 1962: 155

This species was described from eleven males and nine females. In MZPW resides one of them.

PARATYPE male No. 1526 labelled "*Melanagromyza symphyti* det. G.C.D. Grf. Griffiths 1962"; "[Anglia] Woodwalton Fen, HUNTS. 17.9.61"; "from stalks of *Symphytum officinale* enaged 29.3.1962"; "PARATYPE"; "2566"; "Muz. Zool. PAN Warszawa 20/62".

Phytobia (Dizygomyza) chaixiana Groschke, 1957: 116

This species was described from unknown number of males and females. In MZPW resides four of them.

PARATYPE female No. 1530 labelled "[Germania] Stuttgart Kräherw. e. l. *Poa chaixii* leg. F. Groschke 21.I.1954"; "♀"; "Paratypus *Phytobia chaixiana* Groschke"; "Prep. larvae 547"; "*Cerodontha* ♀ (*Dizygomyza*) *chaixiana* (Her.) det. J.T. Nowakowski"; "Muz. Zool. PAN Warszawa 100/59".

PARATYPE female No. 1531 labelled "[Germania] Stuttgart-Feuerb. Tal. e. l. *Poa chaixii* leg. F. Groschke 10.I.[19]54"; "♀"; "Paratypus *Phytobia chaixiana*, Groschke"; "*Cerodontha* ♀ (*Dizygomyza*) *chaixiana* (Her.) det. J.T. Nowakowski"; "Muz. Zool. PAN Warszawa 100/59".

PARATYPE male No. 1532 labelled "[Germania] Stuttgart Wildpark e. l. *Poa chaixii* leg. F. Groschke 15.I.[19]54"; "♂"; "Paratypus *Phytobia chaixiana*, Groschke"; "Prep. alae 59"; "Prep. larvae 560"; "*Cerodontha* ♂ (*Dizygomyza*) *chaixiana* (Her.) det. J.T. Nowakowski"; "Muz. Zool. PAN Warszawa 100/59".

PARATYPE male No. 1533 labelled "[Germania] Stuttgart- Wildpark e. l. *Poa chaixii* leg. F. Groschke 15.I.[19]54"; "♂"; "Paratypus *Phytobia chaixiana*, Groschke"; "*Cerodontha* ♂ (*Dizygomyza*) *chaixiana* (Her.) det. J.T. Nowakowski"; "Muz. Zool. PAN Warszawa 100/59".

Notes: currently this name is a synonym of *Cerodontha (Dizygomyza) chaixiana* Hering, 1956: 264.

Phytobia (Dizygomyza) luzulae Groschke, 1957: 117

This species was described from unknown number of males and females. In MZPW resides two of them.

ALLOTYPE female No. 1535 labelled "[Germania] Stuttgart-Kaltental e. l. *Luzula silvatica* leg. E. Groschke 25.VI.[19]55"; "♀"; "Allotypus *Phytobia luzulae* Groschke"; "Prep. larvae 566"; "*Cerodontha* ♀ (*Dizygomyza*) *luzulae* (Gro.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 20/68".

PARATYPE female No. 1534 labelled "[Germania] Stuttgart-Kaltental e.l. *Luzula silvatica* leg. E. Groschke 1.VII.[19]55"; "♀"; "Paratypus *Phytobia luzulae* Groschke"; "Prep. larvae 550"; "*Cerodontha* ♀ (*Dizygomyza*) *luzulae* (Gro.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 20/68".

Notes: currently this name is a synonym of *Cerodontha (Dizygomyza) luzulae* Groschke, 1957: 117.

Phytobia (Dizygomyza) silvatica Groschke, 1957: 118

This species was described from unknown number of males and females. In MZPW resides four of them.

PARATYPE female No. 1536 labelled "[Germania] Stuttgart-Kaltental e. l. *Luzula silvatica* leg. E. Groschke 28.VI.[19]55"; "♀"; "Paratypus *Phytobia silvatica* Groschke"; "*Cerodontha* ♀ (*Dizygomyza*) *silvatica* (Gro.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 20/68".

PARATYPE male No. 1537 labelled "[Germania] Stuttgart-Kaltental e. l. *Luzula silvatica* leg. E. Groschke 24.VII.[19]55"; "♂"; "Paratypus *Phytobia silvatica* Groschke"; "*Cerodontha* ♂ (*Dizygomyza*) *silvatica* (Gro.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 20/68".

PARATYPE male No. 1538 labelled "[Germania] Stuttgart-Kaltental e. l. *Luzula silvatica* leg. E. Groschke 25.VII.[19]55"; "♂"; "Paratypus *Phytobia silvatica* Groschke"; "*Cerodontha* ♂ (*Dizygomyza*) *silvatica* (Gro.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 20/68"; "Prep. genit. 672"; "prep. alae 54"; "Prep larvae 552".

PARATYPE female No. 1539 labelled "[Germania] Stuttgart-Kaltental e. l. *Luzula silvatica* leg. E.

Groschke 23.VIII.[19]55"; "♀"; "Paratypus *Phytobia silvatica* Groschke"; "*Cerodontha* ♀ (*Dizygomyza*) *silvatica* (Gro.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 20/68".

Notes: currently this name is a synonym of *Cerodontha (Dizygomyza) silvatica* Groschke, 1957: 118.

Phytobia (Dizygomyza) spinata Groschke, 1954: 145

This species was described from three males and nine females. In MZPW resides one of them.

PARATYPE female No. 1529 labelled "[Germania] Puppling b. Wolfratshausen e. l. *Carex silvatica* leg. F. Groschke 9.-17.V.[19]50"; "♀"; "Paratypus *Phytobia spinata* Groschke"; "*Cerodontha (Dizygomyza) spinata* (Gro.) det. J.T. Nowakowski 1968"; "Muz. Zool. PAN Warszawa 100/59".

Notes: currently this name is a synonym of *Cerodontha (Dizygomyza) spinata* Groschke, 1954: 145.

Phytobia (Melanophytobia) chamaebalani Hering, 1960: 127

This species was described from six males and twelve females. In MZPW resides one of them.

PARATYPE male No. 1551 labelled "Mine an: *Lathyrus tuberosus*"; "Paratype"; "[Germania] Mühlhausen Thüringen H. Buhr 1367 2.VIII.1958"; "*Melanophytobia chamaebalani* sn. P.T. det. Hering, 59"; "Prep. genit. 719"; "Muz. Zool. PAN Warszawa 100/59".

Notes: currently this name is a synonym of *Melanophytobia obscura* Rohdendorf-Holmanová, 1959: 152.

Phytomyza albifrons Groschke, 1957: 121

This species was described from unknown number of males and females. In MZPW resides two of them.

PARATYPE female No. 1540 labelled "[Germania] Schongau (Oberbayern) e. l. *Thalictrum* leg. F. Groschke 24.III.[19]54."; "♀"; "PARATYPUS *Phytomyza albifrons* Groschke"; "Muz. Zool. PAN Warszawa 100/59".

PARATYPE female No. 1541 labelled "[Germania] Schongau (Oberbayern) e. l. *Thalictrum* leg. F. Groschke 20.III.[19]54."; "♀"; "PARATYPUS *Phytomyza albifrons* Groschke"; "Muz. Zool. PAN Warszawa 100/59".

Phytomyza alyssi Nowakowski, 1975: 414

This species was described from four males and five females. In MZPW resides all of them.

HOLOTYPE male No. 1733 labelled "Polonia, Pieniny Wąwóz Sobczański 14.VIII.1972 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Alyssum saxatile* L. 6084 L 17.VII.72- P 23.VII I 14.VIII"; "Holotypus ♂ *Phytomyza alyssi* Nowak."; "Muz. Zool. PAN Warszawa 20/72".

Notes: right midleg missing, pupa glued on label.

ALLOTYPE female No. 1731 labelled "Polonia, Pieniny Wąwóz Sobczański 2.V.1972 leg. J.T. Nowakowski"; "Środowisko Nr 7 murawa kserotermiczna"; "*Alyssum saxatile* L. 5332 L 6.X.71 P 11 X I 2.V.72"; "Allotypoid ♀ *Phytomyza alyssi* Nowak."; "Muz. Zool. PAN Warszawa 20/72".

PARATYPE male No. 1729 labelled "Polonia, Pieniny Wąwóz Sobczański 28.IV.1972 leg. J.T. Nowakowski"; "Środowisko Nr 7 murawa kserotermiczna"; "*Alyssum saxatile* L. 5332 L 6.X.71 P 11 X I 28.IV.72"; "♂ 1526"; "Paratypoid ♂ *Phytomyza alyssi* Nowak."; "♂ 1403"; "Muz. Zool. PAN Warszawa 20/72".

PARATYPE male No. 1730 labelled "Polonia, Pieniny Wąwóz Sobczański 2.V.1972 leg. J.T. Nowakowski"; "Środowisko Nr 7 murawa kserotermiczna"; "*Alyssum saxatile* L. 5332 L 6.X.71 P 11 X I 2.V.72"; "♂ 1588"; "Paratypoid ♂ *Phytomyza alyssi* Nowak."; "prep. alae"; "Muz. Zool. PAN Warszawa 20/72".

PARATYPE female No. 1732 labelled "Polonia, Pieniny Wąwóz Sobczański 11.VIII.1972 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Alyssum saxatile* L. 6084 L 17.VII.72- P 12.VII I 11.VIII"; "Paratypoid ♀ *Phytomyza alyssi* Nowak."; "Muz. Zool. PAN Warszawa 20/72".

PARATYPE female No. 1734 labelled "Polonia, Pieniny Wąwóz Sobczański 23.VIII.1973 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Alyssum saxatile* L. 6753 L 28.VII.73- P 3.VIII I 23.VIII"; "Paratypoid ♀ *Phytomyza alyssi* Nowak."; "Muz. Zool. PAN Warszawa 20/73".

PARATYPES: females No. 1735-1736 labelled "Polonia, Pieniny Wąwóz Sobczański 28.VIII.1973 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Alyssum saxatile* L. 6753 L 28.VII.73 P 3.VIII I 28.VIII"; "Paratypoid ♀ *Phytomyza alyssi* Nowak."; "Muz. Zool. PAN Warszawa 20/73".

PARATYPE male No. 1737 labelled "[Polonia] Trzy Korony 28.III.1974"; "Środowisko Nr. 6 murawa naskalna"; "6864 L 21.IX.73 P 1.X. I 28.III.74"; "Paratypoid ♂ *Phytomyza alyssi* Nowak."; "Muz. Zool. PAN Warszawa 20/74".

Phytomyza aronici Nowakowski, 1962: 225

This species was described from three males and four females. In MZPW resides all of them.

HOLOTYPE male No. 1607 labelled "Holotypus ♂ *Phytomyza aronici* Nowak."; "Polonia Tatry Krzyżne 10.IV.1961 leg. J.T. Nowakowski"; "Uplazy piętro hal 3018 L 5.IV.60 P 7.IX I 10.IV.1961"; "Inst. Zool. PAN Warszawa 20/61"; "*Phytomyza aronici* ♂ Nowak. ex *Doronicum clusii* All. Tausch det. J.T. Nowakowski 1961".

Notes: specimen in good condition.

ALLOTYPE female No. 1610 labelled "Allotypoid ♀ *Phytomyza aronici* Nowak."; "Polonia Tatry Krzyżne 10.IV.1961 leg. J.T. Nowakowski"; "Uplazy piętro hal 3018 L 5.IV.60 P 7.IX I 10.IV.1961"; "Inst. Zool. PAN Warszawa 20/61"; "*Phytomyza aronici* ♂ Nowak. ex *Doronicum clusii* All. Tausch det. J.T. Nowakowski 1961".

PARATYPE male No. 1608 labelled "Paratypoid ♂ *Phytomyza aronici* Nowak."; "Polonia Tatry Krzyżne 10.IV.1961 leg. J.T. Nowakowski"; "Uplazy piętro hal 3018 L 5.IV.60 P 7.IX I 10.IV.1961"; "Inst. Zool. PAN Warszawa 20/61"; "*Phytomyza aronici* ♂ Nowak. ex *Doronicum clusii* All. Tausch det. J.T. Nowakowski 1961"; "Prep. genit. 734".

PARATYPE male No. 1609 labelled "Paratypoid ♂ *Phytomyza aronici* Nowak."; "Polonia Tatry Krzyżne 10.IV.1961 leg. J.T. Nowakowski"; "Uplazy piętro hal 3018 L 5.IV.60 P 7.IX I 10.IV.1961"; "Inst. Zool. PAN Warszawa 20/61"; "*Phytomyza aronici* ♂ Nowak. ex *Doronicum clusii* All. Tausch det. J.T. Nowakowski 1961"; "*aronici* paratype".

PARATYPES: females No. 1611-1613 labelled "Paratypoid ♀ *Phytomyza aronici* Nowak."; "Polonia Tatry Krzyżne 10.IV.1961 leg. J.T. Nowakowski"; "Uplazy piętro hal 3018 L 5.IV.60 P 7.IX I 10.IV.1961"; "Inst. Zool. PAN Warszawa 20/61"; "*Phytomyza aronici* ♀ Nowak. ex *Doronicum clusii* All. Tausch det. J.T. Nowakowski 1961".

Phytomyza campanariae Nowakowski, 1958: 13

This species was described from fifteen males and seven females. In MZPW resides twenty of them.

HOLOTYPE male No. 1568 labelled "Inst. Zool. PAN Warszawa Holotypus"; "[Polonia] Puszcza Kampinoska Łuże 16.VIII.1956 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy LXXI/910 L 20.VII.1956 P 22-31.VII I 16.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

Notes: head glued on label.

PARATYPE female No. 1560 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Granica 26.VII.[19]55 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy 247 L 7.VII.55 P, P(m) 8-9.VII I 26.VII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♀ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPE male No. 1561 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Granica 17.VIII.[19]55 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy 378

L 31.VII.55 Pr 3.VII I 16-17.VII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPE male No. 1562 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Granica 17.VIII.[19]55 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy 378 L 31.VII.55 Pr 3.VII I 16-17.VII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956"; "Prep. genit. 141".

PARATYPE female No. 1563 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Granica 17.VIII.[19]55 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy 378 L 31.VII.55 Pr 3.VII I 16-17.VII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♀ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956"; "Prep. alae. 1".

PARATYPE female No. 1564 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Granica 17.VIII.[19]55 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy 378 L 31.VII.55 P 1-2.VIII I 16-17.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♀ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPE male No. 1565 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Granica 19.VIII.[19]55 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy 378 L 31.VII.55 P 1-2.VII I 19.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPE male No. 1566 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Łuże 11.VIII.[19]56 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy LXI/909 L 20.VII.1956 P 23.VII I 11.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPE male No. 1567 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Łuże 14.VIII.[19]56 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy LXI/910 L 20.VII.1956 P.P(m) 22-31.VII I 14.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPE male No. 1569 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Łuże 19.VIII.[19]56 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy LXI/910 L 20.VII.1956 P.22-31.VII I 19.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPES: males No. 1570-1574 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Łuże 21.VIII.[19]56 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy LXI/910 L 20.VII.1956 P 22-31.VII I 21.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPES: females No. 1575-1577 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Łuże 21.VIII.[19]56 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy LXI/910 L 20.VII.1956 P 22-31.VII I 21.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♀ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

PARATYPES: males No. 1578-1579 labelled "Inst. Zool. PAN Warszawa Paratypus"; "[Polonia] Puszcza Kampinoska Łuże 22.VIII.[19]56 leg. J.T. Nowakowski"; "Rzadki młodnik sosnowy na wydmy LXI/910 L 20.VII.1956 P 22-31.VII I 22.VIII"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza campanariae* sp.n. ♂ ex *Pulsatilla pratensis* (L) Mill. det. J.T. Nowakowski 1956".

Phytomyza erigerophila Hering, 1928: 174

This species was described from unknown number of males females. In MZPW resides two of them.

PARATYPE male No. 1543 labelled "♂"; "Mine an *Erigeron acre*"; "Paratype"; "[Germania] Berlin-Frohnau 5/VII.[19]26 N 2931.O & M. Hering: Z."; "*Phytomyza erigerophila*, det. Mart. Hering";

"♂ *Phytomyza erigerophila* Her. det. J.T. Nowakowski 1957"; "Prep. genit. 153"; "Muz. Zool. PAN Warszawa 100/59".

PARATYPE female No. 1544 labelled "♀"; "Mine an *Erigeron acre*"; "Paratype"; "[Germania] Berlin-Frohnau 5/VII.[19]26 N 2931.O & M. Hering: Z."; "*Phytomyza erigerophila*, det. Mart. Hering";

"♀ *Phytomyza erigerophila* Her. det. J.T. Nowakowski 1957"; "Muz. Zool. PAN Warszawa 100/59".

Phytomyza krygeri Hering, 1949: 27

This species was described from one male and one female and thirty paratypes of undefined sex. In MZPW resides two of them.

PARATYPES: females No. 1547-1548 labelled "♀"; "Paratype"; "Thoreby, Dänem. 10.-13 III 1948 JP Kryger-Z:e caps. *Aquilegia*"; "*Phytomyza krygeri* Her. ♀ ex *Aquilegia vulgaris* L. det. M. Hering"; "Muz. Zool. PAN Warszawa 100/59".

Phytomyza lithospermi Nowakowski, 1959: 208

This species was described from three males and five females. In MZPW resides six of them.

HOLOTYPE male No. 1590 labelled "Holotypus ♂ *Phytomyza lithospermi* Nowak."; "Polonia Puszcza Kampinoska Łomianki 11.VII.1957 leg. J.T. Nowakowski"; "Wał Wiślany łąka kserofityczna L 22.VI.57 P, P(m) 24-30.VI I 11.VII"; "Inst. Zool. PAN Warszawa 20/57"; "*Phytomyza lithospermi* Nowak. ♀ ex *Lithospermum officinale* L. det. J.T. Nowakowski 1957".

Notes: abdomen missing, pupa and genitalia glued on label.

ALLOTYPE female No. 1588 labelled "Allotypoid ♀ *Phytomyza lithospermi* Nowak."; "Polonia Puszcza Kampinoska Łomianki 10.VII.1957 leg. J.T. Nowakowski"; "Wał Wiślany łąka kserofityczna L 22.VI.57 P 24-30.VI I 10.VII"; "Inst. Zool. PAN Warszawa 20/57"; "*Phytomyza lithospermi* Nowak. ♀ ex *Lithospermum officinale* L. det. J.T. Nowakowski 1957".

PARATYPES: females No. 1587-1589-1591-1592 labelled "Paratypoid ♀ *Phytomyza lithospermi* Nowak."; "Polonia Puszcza Kampinoska Łomianki 10.VII.1957 leg. J.T. Nowakowski"; "Wał Wiślany łąka kserofityczna L 22.VI.57 P 24-30.VI I 10.VII"; "Inst. Zool. PAN Warszawa 20/57"; "*Phytomyza lithospermi* Nowak. ♀ ex *Lithospermum officinale* L. det. J.T. Nowakowski 1957".

Phytomyza lycopi Nowakowski, 1959: 205

This species was described from six males and two females. In MZPW resides seven of them.

HOLOTYPE male No. 1581 labelled "Holotypus ♂ *Phytomyza lycopi* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 14.V.1956 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LVI/497 L 27.IX.55 P 25.IX. I 14.V.56"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza lycopi* Nowak. ♂ ex *Lycopus europaeus* L. det. J.T. Nowakowski 1957".

Notes: abdomen missing, pupa glued on label.

ALLOTYPE female No. 1580 labelled "Allotypoid ♀ *Phytomyza lycopi* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 14.V.1956 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LVI/471 P(m) 22.IX.55 I 14.X.56"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza lycopi* Nowak. ♀ ex *Lycopus europaeus* L. det. J.T. Nowakowski 1957".

PARATYPE male No. 1582 labelled "Paratypoid ♂ *Phytomyza lycopi* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 14.V.1956 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LVI/497 L 27.IX.55 P 25.IX. I 14.V.56"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza lycopi* Nowak. ♂ ex *Lycopus europaeus* L. det. J.T. Nowakowski 1957".

PARATYPE male No. 1583 labelled "Paratypoid ♂ *Phytomyza lycopi* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 15.VII.1956 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LV/894 P(m)

4.VII.56 I 15.VII.56"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza lycopi* Nowak. ♂ ex *Lycopus europaeus* L. det. J.T. Nowakowski 1957".

PARATYPE male No. 1584 labelled "Paratypoid ♂ *Phytomyza lycopi* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 18.VII.1957 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LV/2109 P(m) 9.VII.57 I 18.VII.57"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza lycopi* Nowak. ♂ ex *Lycopus europaeus* L. det. J.T. Nowakowski 1957".

PARATYPE male No. 1585 labelled "Paratypoid ♂ *Phytomyza lycopi* Nowak."; "[Polonia] Puszcza Kampinoska Dziekanów Leśny 8.V.[19]55 leg. J.T. Nowakowski"; "*Saliceto-Franguletum* LXIV/143 L 25.IX.54 P 26.IX I 8.V.55"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza lycopi* Nowak. ♂ ex *Lycopus europaeus* L. det. J.T. Nowakowski 1957".

PARATYPE female No. 1586 labelled "Paratypoid ♀ *Phytomyza lycopi* Nowak."; "Polonia Puszcza Kampinoska Młociny 16.VII.1957 leg. J.T. Nowakowski"; "Las łęgowy LXVIII/2079 L 3.VII.57 P(m) 6.VII I 16.VII."; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza lycopi* Nowak. ♀ ex *Lycopus europaeus* L. det. J.T. Nowakowski 1957".

Phytomyza myosotica Nowakowski, 1959: 213

This species was described from two males and three females. In MZPW resides all of them.

HOLOTYPE male No. 1600 labelled "Holotypus ♂ *Phytomyza myosotica* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 24.VII.1956 leg. J.T. Nowakowski"; "droga LIX/910 L, P(m) 8.VII.56 I 24.VII."; "Inst. Zool. PAN Warszawa 60/56"; "Prep. genit. 281"; "*Phytomyza myosotica* Nowak. ♂ ex *Myosotic palustris* (L) With det. J.T. Nowakowski 1957".

Notes: both hindlegs missing, pupa, head and parts of abdomen glued on label.

ALLOTYPE female No. 1601 labelled "Allotypoid ♀ *Phytomyza myosotica* Nowak."; "Polonia Puszcza Kampinoska Rezerwat Sieraków 23.VII.1957 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LV/2017 L 5.VI.57 P(m) 10.VII. I 23.VII."; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza myosotica* Nowak. ♀ ex *Myosotic palustris* (L) With det. J.T. Nowakowski 1957".

PARATYPES: females No. 1597-1598 labelled "Paratypoid ♀ *Phytomyza myosotica* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 14.VII.1956 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LV/896 P(m) 4.VII.1956 I 14.VII."; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza myosotica* Nowak. ♀ ex *Myosotic palustris* (L) With det. J.T. Nowakowski 1957".

PARATYPE male No. 1599 labelled "Paratypoid ♂ *Phytomyza myosotica* Nowak."; "[Polonia] Puszcza Kampinoska Rezerwat Sieraków 22.VII.1956 leg. J.T. Nowakowski"; "*Alnetum glutinosae* LIX/910 P(m) 8.VII.1956 I 22.VII."; "Inst. Zool. PAN Warszawa 60/56"; "Prep. genit. 281"; "*Phytomyza myosotica* Nowak. ♂ ex *Myosotic palustris* (L) With det. J.T. Nowakowski 1957".

Phytomyza pieninica Nowakowski, 1963: 43

This species was described from three males and two females. In MZPW resides all of them.

HOLOTYPE male No. 1617 labelled "Holotypus"; "Polonia Pieniny Sokolica 11.IX.1962 leg. J.T. Nowakowski"; "Polana na szczycie 15/Pen. P(m) 2.IX.1962 I 11.IX"; "Inst. Zool. PAN Warszawa 20/62"; "*Phytomyza pieninica* Nowak. ♂ ex *Aster alpinus* L. det. J.T. Nowakowski 1962".

Notes: left forelegs tarsus and tibia missing.

ALLOTYPE female No. 1618 labelled "Allotypoid"; "Polonia Pieniny Sokolica 14.IX.1962 leg. J.T. Nowakowski"; "Polanka na szczycie 15/Pien. P(m) 2.IX.1962 I 14.IX.62"; "Inst. Zool. PAN Warszawa 20/62"; "*Phytomyza pieninica* Nowak. ♀ ex *Aster alpinus* L. det. J.T. Nowakowski 1962".

PARATYPE male No. 1614 labelled "Paratypoid"; "Polonia Pieniny Sokolica 6.IX.1962 leg. J.T. Nowakowski"; "Polanka na szczycie 15/Pien. P(m) 2.IX.1962 I 6.IX"; "Inst. Zool. PAN Warszawa 20/62"; "*Phytomyza pieninica* Nowak. ♂ ex *Aster alpinus* L. det. J.T. Nowakowski 1962".

PARATYPE male No. 1615 labelled "Paratypoid"; "Polonia Pieniny Sokolica 6.IX.1962 leg. J.T. Nowakowski"; "Polanka na szczycie 15/Pien. P(m) 2.IX.1962 I 6.IX"; "Inst. Zool. PAN Warszawa 20/62"; "*Phytomyza pieninica* Nowak. ♂ ex *Aster alpinus* L. det. J.T. Nowakowski 1962"; "Prep. genit. 764"; "Prep. alae 21".

PARATYPE female No. 1616 labelled "Paratypoid"; "Polonia Pieniny Sokolica 6.IX.1962 leg. J.T. Nowakowski"; "Polanka na szczycie 15/Pien. P(m) 2.IX.1962 I 6.IX"; "Inst. Zool. PAN Warszawa 20/62"; "*Phytomyza pieninica* Nowak. ♀ ex *Aster alpinus* L. det. J.T. Nowakowski 1962".

Phytomyza pulmonariae Nowakowski, 1959: 209

This species was described from three males and two females. In MZPW resides four of them.

HOLOTYPE male No. 1594 labelled "Holotypus ♂"; "Polonia Puszcza Kampinoska Cybulice 3.VIII.1957 leg. J.T. Nowakowski"; "Las mieszany-XCII/2150 L 19.VII 57-P(m) 23.VII. I 3.VIII."; "Inst. Zool. PAN Warszawa 20/57"; "*Phytomyza pulmonariae* Nowak. ♂ ex *Pulmonaria angustifoliae* L."; "Prep. genit. 229"; "*Phytomyza pulmonariae* Nowak. det. J.T. Nowakowski".

Notes: abdomen missing.

ALLOTYPE female No. 1593 labelled "Allotypus ♀"; "[Polonia] Puszcza Kampinoska Cybulice 29.IV.1956 leg. J.T. Nowakowski"; "Las mieszany-XCII/640a P(m) 27.X.55 I 29.IV.56"; "Inst. Zool. PAN Warszawa 60/56"; "*Phytomyza pulmonariae* Nowak. ♀ ex *Pulmonaria angustifoliae* L. det. J.T. Nowakowski 1957".

PARATYPE female No. 1595 labelled "Inst. Zool. PAN Warszawa Paratypus ♀"; "Polonia Puszcza Kampinoska Cybulice 3.VIII.1957 leg. J.T. Nowakowski"; "Las mieszany-XCII/2150 L 19.VII 57-P(m) 23.VII. I 3.VIII."; "Inst. Zool. PAN Warszawa 20/57"; "*Phytomyza pulmonariae* Nowak. ♀ ex *Pulmonaria angustifoliae* L."; "*Phytomyza pulmonariae* Nowak. det. J.T. Nowakowski".

PARATYPE male No. 1596 labelled "Inst. Zool. PAN Warszawa Paratypus ♂"; "Polonia Puszcza Kampinoska Cybulice 13.VI.1957 leg. J.T. Nowakowski"; "Znaleziona na liściach *Cynoglossum officinale* L. Las mieszany przy szosie 13.VI.1957"; "Inst. Zool. PAN Warszawa 20/57"; "*Phytomyza* ♂ det. J.T. Nowakowski 1957"; "*Phytomyza pulmonariae* Nowak. det. J.T. Nowakowski".

Phytomyza zarzyckii Nowakowski, 1975: 420

This species was described from seven males and one female. In MZPW resides all of them.

HOLOTYPE male No. 1739 labelled "Polonia, Pieniny, Wąwóz Sobczański 12.V.1973 leg. J.T. Nowakowski"; "Środowisko Nr 6 Murawa naskalna"; "*Laserpitium latifolium* L.6131 L. 24.VIII.72 R 25.VIII I. 12.V.73"; "Holotypus ♂ *Phytomyza zarzyckii* Nowak."; "1637 ♂"; "Muz. Zool. PAN Warszawa 20/73".

Notes: abdomen, right wing, right foreleg and midleg, right hindlegs tibia missing.

ALLOTYPE female No. 1738 labelled "Polonia, Pieniny, Wąwóz Sobczański 2.V.1973 leg. J.T. Nowakowski"; "Środowisko Nr 7 Murawa kserotermiczna"; "*Laserpitium latifolium* L.6178 L 2.IX.72 P 4.IX I 2.V.73"; "Allotypoid ♀ *Phytomyza zarzyckii* Nowak."; "zarzyckii"; "Muz. Zool. PAN Warszawa 20/73".

PARATYPE male No. 1740 labelled "Polonia, Pieniny, Kurnikowka 13.VI.1973 leg. J.T. Nowakowski"; "Środowisko Nr 5 Łąka pienińska brzeg buczyny"; "20"; "Paratypoid ♂ *Phytomyza zarzyckii* Nowak."; "1665 ♂"; "Muz. Zool. PAN Warszawa 20/73".

PARATYPE male No. 1741 labelled "Polonia, Pieniny, Białe Skąły 21.V.1973 leg. J.T. Nowakowski"; "Środowisko Nr 5 Łąka pienińska brzeg buczyny ciepłolubnej"; "5"; "Paratypoid ♂ *Phytomyza zarzyckii* Nowak."; "Muz. Zool. PAN Warszawa 20/73".

PARATYPE male No. 1742 labelled "Polonia, Pieniny, Trzy Korony 14.VI.1973 leg. J.T. Nowakowski";

"Środowisko Nr 6 murawa naskalna"; "22"; "Paratypoid ♂ *Phytomyza zarzyckii* Nowak."; "1701 ♂"; "Muz. Zool. PAN Warszawa 20/73".

PARATYPE male No. 1743 labelled "Polonia, Pieniny, Trzy Korony 14.VI.1973 leg. J.T. Nowakowski"; "Środowisko Nr 6 murawa naskalna"; "22"; "Paratypoid ♂ *Phytomyza zarzyckii* Nowak."; "1692 ♂"; "Muz. Zool. PAN Warszawa 20/73".

PARATYPE male No. 1744 labelled "Polonia, Pieniny, Trzy Korony 20.VI.1973 leg. J.T. Nowakowski"; "Środowisko Nr 6 murawa naskalna"; "27"; "Paratypoid ♂ *Phytomyza zarzyckii* Nowak."; "1656 ♂"; "Muz. Zool. PAN Warszawa 20/73".

Notes: specimen destroyed.

PARATYPE male No. 1745 labelled "Polonia, Pieniny, Trzy Korony 14.VI.1973 leg. J.T. Nowakowski"; "Środowisko Nr 6 murawa naskalna"; "22"; "Paratypoid ♂ *Phytomyza zarzyckii* Nowak."; "Prep. alae"; "1704 ♂"; "Muz. Zool. PAN Warszawa 20/73".

Notes: specimen destroyed.

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