



Catalog of the types of Drosophilidae in the Hungarian Natural History Museum, Budapest (Diptera)

By

G. BACHLI

(Received October 25, 1983)

Abstract: 819 types of 151 species of Drosophilidae deposited in the Hungarian Natural History Museum are listed. 117 species were described by DUDA, the remaining species by 13 other authors. The specimens were collected mainly in Costa Rica, Taiwan, Uganda, and New Guinea.

Introduction

DUDA, one of the leading specialists of Drosophilidae in the first half of this century, published, between 1923 and 1940, several papers describing some 300 new species. To a large degree these descriptions were based on the specimens of the collection of the Hungarian National Museum. Additional species based on this collection were described by BACHLI, BECKER, KERTÉSZ, LACHAISE, LASTOVKA, MÁCA, MEJERE, OKADA, L. PAPP, POKORNY, STURTEVANT, TSACAS and WHEELER. A small part of the type specimens was revised by different authors, e.g. DUDA's Costa Rican specimens by WHEELER (1963).

The Diptera collection in the Zoological Department of the Hungarian Natural History Museum now contains 819 type specimens of 151 species in 24 genera of Drosophilidae. Of these, 54 species are represented by holotypes, 37 by lectotypes, 52 by 226 lectotypes or paralectotypes, and 44 by 402 syntypes. The type specimens were mainly collected in Costa Rica, Uganda, Taiwan and New Guinea.

In the following list, the species are alphabetically arranged. Their systematic position is based on the catalogue of WHEELER (1981). For each species the original reference and genus are given, followed by a citation of the essential details regarding number and origin of the type material. This citation is omitted for species described after 1960. The type specimens recorded are listed with details of the labels, as far as needed.

Of the following species though expected to be represented in the collection no type material was found: *Hypselothyrea breviscutellata* Duda, 1928, *Drosophila kerteszi* Duda, 1925, *Drosophila longifrons* Duda, 1923, *Drosophila medioobscurata* Duda, 1925, and *Drosophila pictipennis* Kertész, 1901. Of certain other species the number of type specimens were lower than expected. These missing specimens have to be considered as lost.

I wish to express my thanks to my colleagues at the Diptera collection of the Budapest Museum, especially to Dr. L. PAPP, for the permission to work in the collection and for the warm hospitality I received.

List of species

- abregolineata Duda, 1925 (Drosophila): Anns hist.-nat. Mus. natn. hung. 22: 214 (Drosophila).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂.
 Type: Lectotype (♂): Costa Rica 1921, Suiza de Turrialba, V.10; D. abregostriata n.sp.,
 Det. Dr. O. DUDA.
 Comment: Drosophila abregostriata is a manuscript name.
- abrupta Duda, 1939 (Leucophenga): Anns hist.-nat. Mus. natn. hung. 32: 33 (Leucophenga).
 Citation: Im Ungarischen National-Museum ein ♂, bezettelt "Sarnia, Natal".
 Type: Holotype (♂): Sarnia, Natal.
- adumbrata Duda, 1925 (Diathoneura): Anns hist.-nat. Mus. natn. hung. 22: 178 (Diathoneura).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂.
 Type: Holotype (♂): Costa Rica, Suiza de Turrialba, 1921.III.31; Diathoneura adumbrata ♂
 n.sp., Type, Det. Dr. O. DUDA.
- albifacies Duda, 1925 (Diathoneura): Anns hist.-nat. Mus. natn. hung. 22: 181 (Diathoneura).
 Citation: Costa Rica. In der Sammlung des Ung. Nat.-Mus. 2 ♂, 3 ♀.
 Types: Lectotype (♂): Costa Rica 1921, Suiza de Turrialba, VI.30; Diathoneura albifacies ♂,
 Det. Dr. O. DUDA; 4 Paralectotypes (♂ ♀): Costa Rica 1921, Suiza de Turrialba; albifacies m,
 Det. Dr. O. DUDA.
- albomicans Duda, 1923 (Drosophila): Anns hist.-nat. Mus. natn. hung. 20: 47, 48 (Spinulophila).
 Citation: Im Budapester Museum zahlreiche ♂ ♀ aus Koshun, Chip-Chip, Taihorin, Polisha
 (Formosa, SAUTER), auch aus N.-Guinea (Tamara, Friedrich-Wilhelmshafen).
 Types: 18 Syntypes: Koshun, 908.IX; 2 Syntypes: Koshun, 1908.X; 2 Syntypes: Chip Chip,
 909.III; 13 Syntypes: Taihorin, 1911.VII; 9 Syntypes: Polisha, 908.XII; 1 Syntype: Tamara, Berlin-
 hafen, IX.8-18.
- alternolineata Duda, 1925 (Drosophila): Anns hist.-nat. Mus. natn. hung. 22: 213 (Drosophila).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 3 ♀.
 Types: Lectotype (♀): Costa Rica 1921, Suiza de Turrialba, V.19; D. alternostriata ♀, Det.
 Dr. O. DUDA; 1 Paralectotype (♀): Costa Rica 1921, Suiza de Turrialba, V.22; D. alternostriata
 ♀, Det. Dr. O. DUDA.
 Comment: Drosophila alternostriata is a manuscript name.
- angustibucca Duda, 1925 (Drosophila): Anns hist.-nat. Mus. natn. hung. 22: 218 (Drosophila).
 Citation: Costa Rica. In der Sammlung des Ung. Nat.-Mus. 1 ♂, 14 ♀.
 Types: Lectotype (♀): Costa Rica 1921, Suiza de Turrialba, V. 15; 13 Paralectotypes (♂ ♀):
 Costa Rica, Suiza de Turrialba.
 Comment: One pin is without fly.
- aptera Papp, 1979 (Hypselothyrea): Acta zool. hung. 25: 358 (Hypselothyrea).
 Types: 3 Paratypes (♂ ♀): India, Madras.
- aterrima Duda, 1940 (Drosophila): Anns hist.-nat. Mus. natn. hung. 33: 48 (Drosophila).
 Citation: Im Ung. Nat.-Museum ein ♂ "Uganda: Mujenje, 1913.IX., Katona".
 Type: Holotype (♂): Mujenje, 1913.IX.
- atropyga Duda, 1924 (Drosophila): Arch. Naturgesch. 90(A)3: 215 (Drosophila montium var. atropyga).
 Citation: (No details).
 Types: 1 Syntype (♂): Matheran, 800 m, VII.8.1902; D. atropyga n. sp. ♂, Det. Dr. O.
 DUDA, v. atropyga ♂, Det. Dr. O. DUDA; 4 Syntypes (♂): Matheran, 800 m, VII.8.1902; v.
atropyga ♂, Det. Dr. O. DUDA; 1 Syntype (♂): Tainan, 1912.IV; Drosophila montium d.M., v.
atropyga, Det. Dr. O. DUDA. 1 Syntype (♂): Mt. Hoozan, 1910.V; var. atropyga ♂, Det. Dr. O.
 DUDA; 3 Syntypes (♂): Chip Chip, 909.I.; v. atropyga ♂, Det. Dr. O. DUDA; 1 Syntype (♂):
 Polisha, 908.XII.; v. atropyga ♂, Det. Dr. O. DUDA.

Comment: These syntypes were found under specimens determined by Duda as "D. montium". No specimens were labelled "xanthopyga" even if we might suppose that the specimens not explicitly labelled "atropyga" may be syntypes of D. xanthopyga. Drosophila atropyga is considered to be a synonym of Drosophila kikkawai Burla. Regarding the close resemblance of the species of the montium subgroup on the one hand and the polymorphism observed in D. kikkawai on the other hand, the status of DUDA's "varieties" atropyga and xanthopyga requires further study.

australica Duda, 1923 (Drosophila): Anns hist.-nat. Mus. natn. hung. 20: 59 (Drosophila).

Citation: Im Budapester Museum 12 ♂ ♀, bezettelt "Australia, Biró 1900, N.S. Wales, Springwood".

Types: 11 Syntypes (♂ ♀): N. S. Wales, Springwood, XI.18.

Comment: Drosophila australica is considered to be a synonym of Drosophila obsoleta Malloch.

avittata Duda, 1925 (Zygothrica): Anns hist.-nat. Mus. natn. hung. 22: 191 (Zygothrica vittatifrons var. avittata).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂.

Types: 1 Syntype (♂): Costa Rica, Suiza de Turrialba, 1921.V.7.; D. paravittatifrons ♂, Det. Dr. O. DUDA; avittata ♂, det. DUDA.

Comment: Zygothrica avittata is considered to be a synonym of Zygothrica vittatifrons Williston.

baechlii Lastovka et Máca, 1982 (Stegana): Annotnes zool.-bot. Bratislava, 149: 12 (Stegana).

Type: 1 Paratype (♂): Pécs, Thalhammer, VI.10.

bifasciata Duda, 1923 (Leucophenga): Anns hist.-nat. Mus. natn. hung. 20: 30 (Leucophenga).

Citation: Im Budapester Museum ein ♀, bezettelt: "Formosa, Sauter, Chip-Chip 1909.II,"

Type: Holotype (♀): Chp Chp, 09.II.

bipartita Duda, 1925 (Paraliodrosophila): Anns hist.-nat. Mus. natn. hung. 22: 184 (Paraliodrosophila).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂.

Type: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.5.; Paraliodrosophila n.g. bipartita n. sp. ♂, Det. Dr. O. DUDA.

biradiata Duda, 1923 (Scaptomyza): Anns hist.-nat. Mus. natn. hung. 20: 50 (Drosophila).

Citation: Im Budapester Museum zahlreiche ♂ ♀, bezettelt "N. S. Wales, Biró 1900".

Type: 14 Syntypes (♂ ♀): N. S. Wales, Mt. Victoria; 4 Syntypes (♂ ♀): N. S. Wales, Paramatta, X.28; 1 Syntype (♂): N. S. Wales, Sydney, X.25; 8 Syntypes (♂ ♀): N. S. Wales, Springwood, XI.19.

Comment: Two additional specimens are labelled "Queensland, Brisbane" and "Ceylon, Pattipola", respectively. They are excluded from the syntype series. Scaptomyza biradiata is considered to be a synonym of Scaptomyza australis Malloch.

biroi Duda, 1923 (Mycodrosophila): Anns hist.-nat. Mus. natn. hung. 20: 40 (Mycodrosophila).

Citation: Im Budapester Museum 2 ♂, 2 ♀ aus "Singapore, Biró 1898".

Types: 3 Syntypes. Singapore, BIRO, 1898.

Comment: Mycodrosophila biroi is considered to be a synonym of Mycodrosophila gratiosa Meijere.

bispinosus Duda, 1939 (Zaprionus): Anns hist.-nat. Mus. natn. hung. 32: 19 (Zaprionus vittiger var. bispinosus).

Citation: . . . bei einem ♂ des Ung. Nat.-Museums gleicher Herkunft (Uganda: Mujenje 1913. VIII, KATONA) . . .

Type: Holotype (♂): Mujenje, 1913. VIII.

Comment: Both fore legs of this specimen are missing.

bocqueti Tsacas et Lachaise, 1974 (Drosophila): Anns Univ. Abidjan, Sér. E, Ecologie 7: 204 (Drosophila).

Types: 2 Paratypes (♂ ♀): Côte d'Ivoire, Réserve de Banco, 3-4-XI-1970, Souche No. 141-1.

- brevipennis Meijere, 1906 (Hypselothyrea): Anns hist.-nat. Mus. natn. hung. 4: 195 (Hypselothyrea).
Citation: Neu-Guinea: Sattelberg, Huon Golf, 1 ♀ (BIRÓ, 1898).
Type: Holotype (♂): Sattelberg, Huon Golf, IX.25., Hypselothyrea brevipennis d. Meij., Type, de Meij. det. 05.
- burlai Tsacas et Lachaise, 1974 (Drosophila): Anns Univ. Abidjan, Sér.E, Ecologie 7: 200 (Drosophila).
Types: 2 Paratypes (♂ ♀): Côte d'Ivoire, Réserve de Banco, 3-4-XI-1970, Souche No.141-2.
- carinata Duda, 1923 (Drosophila): Anns hist.-nat. Mus. natn. hung. 20: 41 (Hirtodrosophila).
Citation: Im Budapest Museum zahlreiche ♂ ♀, bezettelt "Formosa, Sauter, Kosempo 1908. III." und "Fuhosho 1909.VII."
Types: Lectotype (♂): Fuhosho, 909.VII; 3 Paralectotypes (♂ ♀): Fuhosho, 909.VII; 1 Paralectotype (♀): Kosempo, 908.III.21.
Comment: Drosophila carinata is a synonym of Drosophila latifrontata Frota-Pessoa.
- carinata Okada, 1973 (Scaptomyza): Anns hist.-nat. Mus. natn. hung. 65: 274 (Scaptomyza).
Types: Holotype (♀): Mongolia, Nr. 938; 1 Paratype (♀): Mongolia, Nr. 297a; 1 Paratype (♀): Mongolia, Nr. 942; 4 Paratypes (♀): Mongolia, Nr. 271.
- ciliatipes Duda, 1923 (Mycodrosophila): Anns hist.-nat. Mus. natn. hung. 20: 39 (Mycodrosophila).
Citation: Im Budapest Museum 3 ♂, bezettelt "Singapore, Biró 1898".
Types: 2 Syntypes (♂): Singapore, BIRÓ 1898.
- clunicus Duda, 1923 (Drosophila): Anns hist.-nat. Mus. natn. hung. 20: 51 (Drosophila).
Citation: Im Budapest Museum 3 ♂, 3 ♀, bezettelt "Formosa, Sauter, Taihorin 1911 VII."
Types: 4 Syntypes (♂ ♀): Taihorin, 1911.VII.
- columbiensis Duda, 1927 (Apacrochaeta): Arch. Naturgesch. 91(A)11/12: 106 (Apacrochaeta).
Citation: Im Ung. Nat.-Mus. 1 ♂, bezettelt "Columbia Ujhelyi, Sierra S. Lorenzo".
Type: Holotype (♂): Columbia, UJHELYI; Sierra S. Lorenzo
- confluens Duda, 1923 (Leucophenga): Anns hist.-nat. Mus. natn. hung. 20: 32 (Leucophenga maculata var. confluens).
Citation: Im Budapest Museum 5 ♂, 9 ♀ aus Formosa (Chip-Chip und Mt. Hoozan).
Types: 3 Syntypes (♂ ♀): Chip Chip, 909.III; 4 Syntypes (♂): Chip Chip, 909.I; 1 Syntype (♂): Mt. Hoozan, 1910.V; 2 Syntypes (♂ ♀): Mt. Hoozan, 1910.VIII.
- costaricana Duda, 1925 (Paramycodrosophila): Anns hist.-nat. Mus. natn. hung. 22: 225 (Paramycodrosophila).
Citation: Costa Rica. In der S. des Ung. Nat. Mus. 3 ♂.
Types: 3 Syntypes (♂): Costa Rica 1921, Suiza de Turrialba; Paramycodros. turrialbae, Det. Dr. O. DUDA.
Comment: All three specimens were compared with DUDA's description and fully agreed with it. Paramycodrosophila turrialbae therefore is a manuscript name.
- cruciata Duda, 1925 (Diatroucua): Anns hist.-nat. Mus. natn. hung. 22: 177 (Diatroucua).
Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂, 1 ♀.
Type: Lectotype (♀): Costa Rica, Suiza de Turrialba.
- curvipila Duda, 1939 (Leucophenga): Anns hist.-nat. Mus. natn. hung. 32: 52 (Leucophenga gutti-ventris var. curvipila).
Citation: Im Ung. Nat.-Museum 5 ♂ "Uganda: Mujenje, 1913, IX, Katona" und "VIII."; 3 ♀ gleicher Herkunft . . .
Types: Lectotype (♀): Mujenje, 1913.IX; 1 Paralectotype (♀): Mujenje, 1913.VIII.
- deciptens Duda, 1923 (Drosophila): Anns hist.-nat. Mus. natn. hung. 20: 55 (Drosophila).
Citation: Im Budapest Museum 2 ♂, 2 ♀ aus Kosempo und Taihorin (Formosa).
Types: 1 Syntype (♂): Kosempo, 908.VI; 1 Syntype (♀): Taihorin, 1911.VII.

- dimidiata Meijere, 1906 (Hypselothyrea): Anns hist.-nat. Mus.natn.hung. 4: 194 (Hypselothyrea).
Citation: Neu-Guinea: Sattelberg, Huon Golf (BIRÓ, 1899).
Type: 1 Syntype: N.-Guinea, BIRÓ 1899; Sattelberg, Huon Golf.
- dudai Bächli, 1971 (Leucophenga): Exploration du Parc National de l'Upemba 71: 64 (Leucophenga).
Types: 1 Paratype (♂): Mujenje, 1913.VIII; 1 Paratype (♂): Mujenje, 1913.IX.
- erecta Tsacas et Lachaise, 1974 (Drosophila): Anns Univ.Abidjan, Sér.E, Ecologie 7: 193 (Drosophila).
Types: 2 Paratypes (♂ ♀): Côte d'Ivoire, Lamto, 21-VI-1970, Souche No. 154-1.
- euryopa Duda, 1925 (Diathoneura): Anns hist.-nat. Mus.natn.hung. 22: 179 (Diathoneura).
Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♂, 1 ♀.
Types: Lectotype (♂): Costa Rica, Suiza de Turrialba. 1 Paralectotype (♀): Costa Rica, Suiza de Turrialba, 1921.V.3.
- fasciata Kertész. 1899 (Amitota): Természetr.Füz. 22: 193 (Erima).
Citation: Erima, 1896.11.XI.
Type: Lectotype (♂): N. Guinea, BIRÓ 96; Erima, Astrolabe B., XI.11.
- femorata Duda, 1923 (Stegana): Anns hist.-nat. Mus.natn.hung. 20: 33 (Protostegana).
Citation: Im Budapester Museum ein ♀, bezettelt "Formosa, Polísha 1908.XII."
Type: Holotype (♀): Polísha, 908.XII.
- fenestrata Duda, 1939 (Amitota): Anns hist.-nat. Mus.natn.hung. 32: 14 (Phortica).
Citation: Im Ung.Nat.Museum 1 ♀ "Natal New Hannover" und 1 ♀ "Uganda, Mujenje, 1913, VIII (Katona)".
Type: 1 Syntype (♀): Natal, New Hannover, 1913.VIII.
- flavipalpis Duda, 1939 (Leucophenga): Anns hist.-nat. Mus.natn.hung. 32: 50 (Leucophenga).
Citation: Im Ung.Nat.-Museum 20 ♂, 10 ♀ "Uganda: Mujenje 1913.VIII, Katona".
Types: Lectotype (♂): Mujenje, 1913.VIII; 14 Paralectotypes (♂ ♀): Mujenje, 1913.VIII; 9 Paralectotypes (♂ ♀): Mujenje, 1913.IX.
- flavohalterata Duda, 1925 (Drosophila): Anns hist.-nat. Mus.natn.hung. 22: 198 (Drosophila).
Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 2 ♀.
Type: 1 Syntype (♀): Costa Rica, Suiza de Turrialba, 1921.V.6.
- florae Sturtevant, 1916 (Drosophila): Ann. ent.Soc.Am. 9: 339 (Drosophila).
Citation: Type and Paratypes, Havana, Cuba, January and February, 1915.
Type: 1 Paratype: Havana, Cuba, Jan. Feb. 1915.
- foliacea Tsacas et Okada, 1983 (Amitota): Kontyú 51: 233 (Amitota).
Types: Holotype (♂): Chip Chip, 909.III; 1 Paratype (♀): Chip Chip, 909.III.
Comment: The authors give 1899 as year of collection.
- foliiseta Duda, 1923 (Amitota): Anns hist.-nat. Mus.natn.hung. 20: 35 (Phortica).
Citation: Im Budapester Museum 8 ♂ und 1 ♀ aus Formosa (Chip Chip, Mt. Hoozan, Kankau), 3 Ex. aus Neu-Guinea (Friedrich-Wilhelmshafen).
Types: Lectotype (♂): Mt. Hoozan, 1910.V; 3 Paralectotypes: Chip Chip, 909.III.
- formosana Duda, 1926 (Drosophila): Anns hist.-nat. Mus.natn.hung. 23: 250 (Acanthophila tripunctata var. formosana).
Citation: . . . 2 ♂, 1 ♀ aus Macuyama und Toa Tsui Kutsu, Formosa, . . . Im Ungarischen National-Museum fand ich noch zahlreiche ♂ ♀ dieser Art aus Formosa.
Types: 25 Syntypes (♂ ♀): Chip Chip, 909.III; 1 Syntype (♂): Formosa, Teyenmongai; 6 Syntypes (♂ ♀): Taihorin, 1911.VII; 30 Syntypes (♂ ♀): Mt. Hoozan, 1910.V; 1 Syntype (♂): Sokotsu, 1912.V; 2 Syntypes (♂ ♀): Kosempo, 908.VI; 4 Syntypes (♂ ♀): Taihoku, 1912.IV; 2 Syntypes (♀): Polísha, 908.XII; 1 Syntype (♀): Kankau, 1912.IV.

- furnipennis Duda, 1925 (Drosophila): Annl's hist.-nat. Mus.natn.hung. 22: 220 (Drosophila).
Citation: Costa Rica. In der Sammlung des Ung.Nat.-Mus. 3 ♂, 1 ♀.
Types: 1 Syntype (♂): Costa Rica, Suiza de Turrialba, 1921.V.1; 1 Syntype (♂): Costa Rica, Suiza de Turrialba; 1 Syntype (♀): Costa Rica, Suiza de Turrialba, 1921.V.14.
- fundomaculata Duda, 1925 (Drosophila): Annl's hist.-nat. Mus.natn.hung. 22: 209 (Drosophila).
Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♂.
Type: Holotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.19; Dr. baseoatra, Det. Dr. O. DUDA; fundomaculata.
Comment: Drosophila baseoatra is a manuscript name.
- fuscipennis Duda, 1923 (Leucophenga): Annl's hist.-nat. Mus.natn.hung. 20: 28 (Leucophenga).
Citation: Im Budapester Museum 1 ♂, bezettelt "Takao 800 m, 1907.IV.21. Formosa, Sauter".
Type: Holotype (♂): Takao, 300 m, 1907.IV.21.
Comment: Head and right wing missing.
- fuscohalterata Duda, 1925 (Drosophila): Annl's hist.-nat. Mus.natn.hung. 22: 197 (Drosophila).
Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♀.
Type: Holotype (♀): Costa Rica, Suiza de Turrialba, 1921.V.21.
- fuscolineata Duda, 1925 (Drosophila): Annl's hist.-nat. Mus.natn.hung. 22: 213 (Drosophila).
Citation: 1 ♂, 1 ♀ in Oldenberg's Sammlung, bezettelt "San José, Costa Rica", 1 ♂ im Budapester Museum "Costa Rica, Suiza de Turrialba".
Type: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.IV.6.; Drosophila fuscostriata ♂, Det. Dr. O. DUDA; D. fuscolineata n. sp., Type, det. DUDA.
- gigas Duda, 1925 (Drosophila): Annl's hist.-nat. Mus.natn.hung. 22: 216 (Drosophila).
Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂, 3 ♀.
Types: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.IV.28; D. gigantea n.sp. ♂, Det. Dr. O. DUDA; Drosophila gigas n.sp., ♂ Type, det. DUDA; 4 Paralectotypes (♂ ♀): Costa Rica 1921, Suiza de Turrialba; D. gigantea, Det. Dr. O. DUDA.
Comment: Drosophila gigantea is a manuscript name.
- glabrifrons Duda, 1925 (Drosophila): Annl's hist.-nat. Mus.natn.hung. 22: 196 (Drosophila).
Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂, 1 ♀.
Types: 1 Syntype (♂): Costa Rica, Suiza de Turrialba; 1 Syntype (♀): Costa Rica, Suiza de Turrialba, 1921.V.15.
- gratiosa Meijere, 1911 (Mycodrosophila): Tijdschr. Ent. 54: 404 (Drosophila).
Citation: Batavia, Dezember, Semarang, Dezember, auf Polyporus, Jacobson leg.
Type: 1 Syntype (♀): M. Jacobson, Batavia, Dec. 1900.
- guttipennis Duda, 1925 (Diathoneura): Annl's hist.-nat. Mus.natn.hung. 22: 171 (Diathoneura).
Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 2 ♂, 1 ♀.
Type: Lectotype (♀): Costa Rica, 1921, Suiza de Turrialba, VI.29; 1 Paralectotype (♂): Costa Rica 1921, Suiza de Turrialba, V.10; 1 Paralectotype (♀): Costa Rica, Suiza de Turrialba, 1921.V.5.
- hexasticha Papp, 1971 (Drosophila): Folia ent.hung., Ser.nov.24: 333 (Drosophila).
Types: Holotype (♀): Tard, Bába-völgy, rét; 1959.IV.16, leg. TÓTH S; 1 Paratype (♀): Tard, Bába-völgy, rét; 1958.V.16, leg. TÓTH S; 1 Paratype (♀): Szászka, 22.4.904.
- hoozani Duda, 1923 (Drosophila): Annl's hist.-nat. Mus.natn.hung. 20: 54 (Drosophila).
Citation: . . . zahlreiche ♂ und ♀ des Budapester Museums, von Mt. Hoozan (Formosa, Sauter).
Types: 2 Syntypes (♂ ♀): Mt. Hoozan, 1910.VIII; 21 Syntypes (♂ ♀): Mt. Hoozan, 1910.V.
- hydei Sturtevant, 1921 (Drosophila): Publs Carnegie Instn 301: 101 (Drosophila).
Citation: Type and gonotypes: from stock collected at Lakeland, Florida (C.W. METZ).
Type: 1 Paratype (♀): Stock, Lakeland Fla 1919; Gonotype.

- immigrans Sturtevant, 1921 (Drosophila): Publs Carnegie Instn 301: 83 (Drosophila).
Citation: Type (♂) and gonotypes bred from stock collected at White Plains, New York, 1919.
Type: 1 Paratype (♀): Stock, White Plains, N.Y. 1919; Gonotype.
- infumata Duda, 1925 (Cladochaeta): Annlis hist.-nat.Mus.natn.hung. 22: 179 (Dithoneura).
Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♀.
Type: Holotype (♀): Costa Rica, Suiza de Turrialba, 1921.IV.14.
- intermedia Duda, 1927 (Stegana): Arch. Naturgesch. 91(A)11/12: 30 (Protostegana).
Citation: . . . des Ung.Nat.-Mus. aus Costa Rica fand ich noch ein ♂ . . .
Type: Holotype (♂): Costa Rica, Suiza de Turrialba.
- interrupta Duda, 1923 (Drosophila): Annlis hist.-nat.Mus.natn.hung. 20: 45 (Paradrosophila).
Citation: Im Budapester Museum 1 ♀, bezettelt "N.S.Wales, Sydney, Australia, Biró, 1900."
Type: Holotype (♀): Australia, BIRÓ 1900; N.S.Wales, Sydney, X.20.
Comment: Drosophila interrupta is considered to be a synonym of Drosophila lativittata Malloch.
- johni Pokorny 1896 (Mycodrosophila): Mitt.naturw.Ver. Troppau 2: 63 (Drosophila).
Citation: . . . in zwei männlichen und einem weiblichen Exemplare . . . in Slavonien an Baumschwämmen gesammelt.
Type: 2 Syntypes: Slavon. John; Drosophila Johni Pok.; Coll. POKORNY; 1 Syntype: Drosophila Johni Pok.; Coll. POKORNY.
Comment: This nominal species was earlier considered to be represented by the holotype (BÄCHLI, 1982), but two additional specimens were found therefore they are all syntypes.
- kaszabi Okada, 1973 (Cacoxenus): Annlis hist.-nat.Mus.natn.hung. 65: 271 (Paracacoxenus).
Types: Holotype (♂): Mongolia, Nr. 513; 3 Paratypes: Mongolia, Nr. 513.
- kerteszi Duda, 1925 (Neorhinoleucophenga): Annlis hist.-nat.Mus.natn.hung. 22: 166 (Neorhinoleucophenga).
Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♀.
Type: Holotype (♀): Costa Rica, Suiza de Turrialba, 1921.IV.14.
- lanigera Duda, 1928 (Hypselothyrea): Annlis hist.-nat.Mus.natn.hung. 25: 88 (Hypselothyrea).
Citation: Im Ung. Nat.-Mus. zwei ♀, "N.-Guinea, leg. Biró, 1899. Huon Golf, Sattelberg".
Type: 1 Syntype (♀): N.-Guinea, BIRÓ 1899; Sattelberg, Huon Golf, V.
- latecincta Duda, 1939 (Leucophenga): Annlis hist.-nat.Mus.natn.hung. 32: 46 (Leucophenga munroi var. latecincta).
Citation: Im Ung. Nat.-Mus. ein . . . ♂ "Sarnia, Natal".
Type: Holotype (♂): Sarnia, Natal; Leucophenga munroi var. latecincta n. var., d. DUDA.
Comment: Leucophenga latecincta is a synonym of Leucophenga munroi DUDA.
- lativittata Duda, 1939 (Leucophenga): Annlis hist.-nat.Mus.natn.hung. 32: 48 (Leucophenga).
Citation: Im Ung. Nat.-Museum 5 ♂, 4 ♀, "Uganda: Mujenje 1913.VIII, Katona".
Types: Lectotype (♂): Uganda, KATONA; Mujenje, 1913.VIII; 4 Paralectotypes: Uganda, KATONA; Mujenje, 1913.
- laticeps Duda, 1925 (Dithoneura): Annlis hist.-nat.Mus.natn.hung. 22: 175 (Dithoneura).
Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 Exemplar.
Type: Holotype: Costa Rica, Suiza de Turrialba, 1921.V.2.
- latifasciaeformis Duda, 1940 (Drosophila): Annlis hist.-nat.Mus.natn.hung. 33: 22 (Drosophila).
Citation: Im Ung. Nat.-Museum 5 ♂, 11 ♀ "Uganda: Mujenje, 1913.VIII, Katona" und "IX."
Types: 12 Syntypes (♂ ♀): Mujenje, 1913.IX.
Comment: One pin is without fly.
- latifrons Duda, 1923 (Leucophenga): Annlis hist.-nat.Mus.natn.hung. 20: 32 (Leucophenga).

- Citation: Im Budapester Museum 1 ♀, bezettelt "Formosa, Sauter, Takao 1907.X.26."
 Type: Holotype (♀): Takao, 1907, X.26.
 Comment.: Head and left wing missing.
- leucostoma Becker, 1908 (Amiota): Annl's hist.-nat.Mus.natn.hung. 6: 320 (Leucophenga).
 Citation: Hungaria meridionalis: Szászka, 7.IX.1899 (Kristen).
 Type: Lectotype (♂): Szászka, 7.IX.99, Rađina; Leucophenga leucostoma n.sp., det. BECKER.
 Comment: Lectotype by present designation. This species is considered to be a synonym of Amiota alboguttata Wahlberg.
- leucozona Duda, 1923 (Leucophenga): Annl's hist.-nat.Mus.natn.hung. 20: 29 (Leucophenga).
 Citation: Im Budapester Museum ein einziges stark in Spinnweben eingehülltes Exemplar bezettelt "N.-Guinea, Biró 1896, Friedrich-Wilhelmshafen".
 Type: Holotype (♂): N.-Guinea, BIRÓ, 1900; Friedrich-Wilh.-hafen.
 Comment: Duda obviously gives a wrong year of collection. The specimen is covered by mold.
Leucophenga leucozona is considered to be a synonym of Leucophenga albofasciata Macquart.
- limbnervis Duda, 1925 (Drosophila): Annl's hist.-nat.Mus.natn.hung. 22: 215 (Drosophila).
 Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♂, 1 ♀.
 Types: Lectotype (♂): Costa Rica, Suiza de Turrialba; 1 Paralectotype (♀): Costa Rica, Suiza de Turrialba, 1921.IV.25.
- limbiventris Duda, 1925 (Drosophila): Annl's hist.-nat.Mus.natn.hung. 22: 212 (Drosophila).
 Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♀.
 Type: Holotype (♀): Costa Rica, Suiza de Turrialba; D. silvatoidea ♀, n.sp., Det. Dr. O. DUDA; Drosophila limbiventris n.sp., Typus ♀, d. DUDA.
 Comment: Drosophila silvatoidea is a manuscript name.
- lineatifrons Duda, 1925 (Pseudococoxenus): Annl's hist.-nat.Mus.natn.hung. 22: 157 (Pseudococoxenus).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂, 1 ♀.
 Types: 1 Syntype (♂): Costa Rica, Suiza de Turrialba, 1921.IV.27; 1 Syntype (♀): Costa Rica, Suiza de Turrialba, 1921.IV.28.
- lividinervis Duda, 1923 (Drosophila): Annl's hist.-nat.Mus.natn.hung. 20: 53 (Drosophila).
 Citation: Im Budapester Museum 7 ♂, 7 ♀ bezettelt "Formosa, Sauter, Fuhosho 1909.VII."
 Types: 7 Syntypes (♂ ♀): Fuhosho, 909.VII.
- longecrinita Duda, 1924 (Drosophila): Arch.Naturgesch. 90(A)3: 204, 242 (Drosophila).
 Citation: In der D.Ent.Mus.-S. 2 ♂ aus Paroe und Toa Tsui Kutsu (Formosa). In KERTÉSZ' S. zahlreiche ♂ ♀ aus Formosa (Kosempo und Fuhosho), ferner aus N.-Guinea (BIRÓ, Friedrich-Wilh.-Hafen).
 Types: 61 Paralectotypes (♂ ♀): Kosempo, 908.VI; 4 Paralectotypes (♂): Kosempo, 908.III.20; 1 Paralectotype (♂): Kosempo, 908.III.21; 1 Paralectotype (♀): Kosempo, 908.III.29; 1 Paralectotype ♂: Formosa, Sauter; 1 Paralectotype (♂): Kosempo, 908.VI; 5 Paralectotypes (♂ ♀): Fuhosho, 909.VII.
- longetrinica Bächli, 1974 (Drosophila): Mitt.zool.Mus.Berl. 49: 283 (Drosophila).
 Types: Holotype (♂): Kosempo, 908.III.20; 3 Paratypes (♂ ♀): Kosempo, 908.III.20.
- magnipalpis Duda, 1923 (Leucophenga): Annl's hist.-nat.Mus.natn.hung. 20: 27 (Leucophenga).
 Citation: Das vorliegende Unicum des Budapester Museums ist anscheinend ein ♀, bezettelt: "Formosa, Sauter, Chip-Chip 1909.I."
 Type: Holotype (♀): Chip Chip, 909.I.
- mediostriata Duda, 1925 (Drosophila): Annl's hist.-nat.Mus.natn.hung. 22: 223 (Drosophila).
 Citation: Costa Rica. Im Ung. Nat.-Mus. 1 ♂ . . .
 Type: Hoiotype (♂): Costa Rica 1921, Suiza de Turrialba, VI.2.

- mehadiae Duda, 1924 (Stegana): Arch. Naturgesch. 90(A)3: 181 (Stegana mehadiae sp.n. oder var.n.).
 Citation: (Mehádia, according to name).
 Type: Lectotype (♀): Mehádia, KERTÉSZ, 1904.VI.11.; Stegana Mehadiae, n.var., Dr. DUDA.
 Comment: Lectotype by present designation. Both fore legs and wings are damaged.
- metakuntzei Okada, 1973 (Drosophila): Anns hist.-nat. Mus.natn.hung. 65: 278 (Drosophila).
 Types: Holotype (♂): Mongolia, Nr.926; 5 Paratypes (♂ ♀): Mongolia, Nr. 926a, 993, 1072.
- microstoma Duda, 1925 (Zygothrica): Anns hist.-nat. Mus.natn.hung. 22: 190 (Zygothrica).
 Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♂, 1 ♀.
 Type: 1 Syntype (♂): Costa Rica, Suiza de Turrialba, 1921.IV.4.
- mihalvii Wheeler, 1963 (Paraliodrosophila): Bull. Brooklyn ent Soc 58: 60 (Paraliodrosophila).
 Type: 1 Paratype (♀): Costa Rica, Suiza de Turrialba, 1921.IV.16.
- minuta Duda, 1925 (Diathoneura): Anns hist.-nat. Mus.natn.hung. 22: 182 (Diathoneura).
 Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♂, 2 ♀.
 Types: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.14; 1 Paralectotype: Costa Rica 1921, Suiza de Turrialba, V.9; 1 Paralectotype: Costa Rica, Suiza de Turrialba, 1921.V.6.
- multipunctata Duda, 1923 (Drosophila): Anns hist.-nat. Mus.natn.hung. 20: 38 (Spuriostyloptera).
 Citation: Im Budapester Museum 2 ♂, bezettelt: "Formosa, Sauter, Chip-Chip 1909.I."
 Type: 1 Syntype (♀): Chip Chip, 09.I.
- multistriata Duda, 1923 (Phorticea): Anns hist.-nat. Mus.natn.hung. 20: 57 (Drosophila).
 Citation: Im Budapester Museum 5 ♂ ♀ bezettelt "Formosa, Sauter Chip-Chip 909.I und II."
 Type: 4 Syntypes: Chip Chip, 909.III.
- nasalis Duda, 1925 (Drosophila): Anns hist.-nat. Mus.natn.hung. 22: 194 (Drosophila).
 Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♂.
 Type: Holotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.16.
 Comment: Drosophila nasalis is a synonym of Drosophila narinosa Frota-Pessoa.
- nigrescens Duda, 1925 (Diathoneura): Anns hist.-nat. Mus.natn.hung. 22: 184 (Diathoneura).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. zahlreiche ♂ ♀.
 Types: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.2; 26 Paralectotypes (♂ ♀): Costa Rica, Suiza de Turrialba.
 Comment: One pin is without fly.
- nigrifrons Duda, 1925 (Diathoneura): Anns hist.-nat. Mus.natn.hung. 22: 184 (Diathoneura nigrescens var. nigrifrons).
 Citation: (as for Diathoneura nigrescens).
 Types: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.IV.17; 2 Paralectotypes (♀): Costa Rica, Suiza de Turrialba.
- nigripalpis Duda, 1923 (Leucophenga): Anns hist.-nat. Mus.natn.hung. 20: 29 (Leucophenga).
 Citation: Im Budapester Museum: 1 ♂ bezettelt "Formosa, Sauter, Chip-Chip 1909.II."
 Type: Holotype (♂): Chip Chip, 09.II.
- nigrohalterata Duda, 1925 (Drosophila): Anns hist.-nat. Mus.natn.hung. 22: 195 (Drosophila).
 Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 2 ♀.
 Type: 1 Syntype (♀): Costa Rica, Suiza de Turrialba, 1921.V.8.
- nigrolimbata Duda, 1924 (Stegana): Arch. Naturgesch. 90(A)3: 181 (Stegana).
 Citation: Formosa.
 Type: Lectotype (♂): Formosa, Sauter; Chip Chip, 909.III., Stegana nigrolimbata n. sp., Type, Det. Dr. O. DUDA.
 Comment: Lectotype by present designation.

- nigromarginata Duda, 1925 (Cleghana): Anns hist.-nat.Mus.natn.hung. 22: 100 (Cleghana).
 Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 2 Ex.
 Type: 1 Syntype (♀): Costa Rica, Suiza de Turrialba; Type, S. nigromarginata n. sp., d. DUDA.
- novoguineensis Duda, 1923 (Drosophila): Anns hist.-nat.Mus.natn.hung. 20: 46 (Paradrosophila).
 Citation: Im Budapester Museum zahlreiche ♂ ♀, bezettelt "N. Guinea, BIRÓ 1896, Simbang, Huon Golf" und "Tamara, Berlinhafen", 2 Ex. "Formosa, Sauter, Takao 1907.13."
 Types: 2 Syntypes (♂ ♀): N.-Guinea, BIRÓ 96; Tamara, Berlinhafen; IX.8-18; 7 Syntypes (♂): N.-Guinea, BIRÓ 96; Tamara, Berlinhafen; 1 Syntype (♀): Simbang, Huon Golf, 1898.IX.10.; N.-Guinea, BIRÓ 1898; 1 Syntype: Simbang, Huon Golf, 1898.VII.; N.-Guinea, BIRÓ 1898.
 Comment: The year 1896 mentioned by DUDA for the collection in Simbang is considered to be a lapsus.
- novoguineensis Duda, 1926 (Sphaerogastrella): Supplta ent. 14: 53 (Sphaerogastrella).
 Citation: Im Ung.National Museum (Budapest) fand ich zwei Ex. . . .
 Type: 1 Syntype (♂): N.-Guinea, BIRÓ 1899; Simbang, Huon Golf; S. var. novoguineensis, Det. Dr. O. DUDA.
- nubeculosa Duda, 1925 (Diathoneura): Anns hist.-nat.Mus.natn.hung. 22: 180 (Diathoneura).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂.
 Type: Holotype (♂): Costa Rica, Suiza de Turrialba; 1921.V.6.
- pappi Okada, 1974 (Drosophila): Anns hist.-nat.Mus.natn.hung. 66: 271 (Drosophila).
 Type: Holotype (♂): N. Korea, PAPP, Nr. 198.
- pappi Tsacas et Okada, 1983 (Amitota): Kontyú 51: 234 (Amitota).
 Types: Holotype (♀): N.-Guinea, BIRÓ 1900; Friedrich-Wilh.-hafen, XII.20; 1 Paratype: N.-Guinea, BIRÓ 1900; Friedrich-Wilh.-hafen, XII.24; 1 Paratype: N.-Guinea, BIRÓ 1900; Friedrich-Wilh.-hafen, XII.26; 1 Paratype: New Guinea: NE Wau, Morobe Distr., 1200 m, 24.VIII.77; 1 Paratype: Wau, Papua, New Guinea, 13.IX.1977; 1 Paratype: Wau, Papua, New Guinea, X.1977.
- paracuthbertsoni Bächli, 1971 (Leucophenga): Exploration du Parc National de l'Upemba 71: 40 (Leucophenga).
 Type: 1 Paratype (♂): Uganda, KATONA; Mujenje, 1913.VIII.
- paraflaviveta Bächli, 1971 (Leucophenga): Exploration du Parc National de l'Upemba 71: 72 (Leucophenga).
 Type: 1 Paratype (♀): Uganda, KATONA; Mujenje, 1913.VIII.
- parakuntzei Okada, 1973 (Drosophila): Anns hist.-nat.Mus.natn.hung. 65: 276 (Drosophila).
 Types: Holotype (♂): Mongolia, Nr. 507; 8 Paratypes (♂ ♀): Mongolia, Nr. 540, 552, 926a, 934, 938, 993.
- paralatifrontata Bächli, 1974 (Drosophila): Mtt.zool.Mus.Berl. 49: 294 (Drosophila).
 Types: Holotype (♂): Fuhosho, 909.VII; 10 Paratypes (♂ ♀): Fuhosho, 909.VII; 4 Paratypes (♂ ♀): Kosempo, 908.III.20; 4 Paratypes (♀): Kosempo, 908.III.21; 1 Paratype (♀): Kosempo, 908.III.29.
- parapunctipennis Duda, 1924 (Drosophila): Arch.Naturgesch. 90(A)3: 205 (Drosophila).
 Citation: Neu-Guinea.
 Type: Lectotype (♀): N.-Guinea, BIRÓ 97; Stephansort, Astrolabe B.
 Comment: Lectotype by present designation.
- penicillata Kertész, 1901 (Pyrgometopa): Természetr.Füz. 24: 420 (Pyrgometopa).
 Citation: 1 ♀ aus Peru (Callanga).
 Type: Holotype (♀): Peru, Callanga; Pyrgometopa penicillata Kert., Typus, det. KERTÉSZ.
- phylochaeta Tsacas et Okada, 1983 (Amitota): Kontyú 51: 231 (Amitota).

Type: Holotype (♂): N.-Guinea, BIRÓ 96; Erima, Astrolabe B., XI.11; 1 Paratype (♂): N.-Guinea, BIRÓ 96; Erima, Astrolabe B., XI.11.

pictiventris Duda, 1925 (Drosophila): Anns hist.-nat. Mus.natn.hung. 22: 211 (Drosophila).

Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♀.

Type: Holotype (♀): Higuito-San Mateo; Costa Rica, Schild 914, VII.16., Drosophila busckii-ventris n.sp. ♀, Det. Dr. O. DUDA; Drosophila pictiventris n. sp. Type, ♀, det. DUDA.

Comment: According to DUDA, all species described in this 1925 paper should be labelled "Suiza de Turrialba". In spite of the difference in labelling I consider this specimen to be the holotype.

pleurofasciata Duda, 1924 (Drosophila): Arch.Naturgesch. 90(A)3: 213 (Drosophila).

Citation: Europa.

Type: 1 Syntype (♂): Austria inf., Stadlau; pleurofasciata n.sp., det. DUDA.

Comment: Drosophila pleurofasciata is a synonym of Drosophila picta Zetterstedt.

pleurolineata Duda, 1925 (Diathoneura): Anns hist.-nat. Mus.natn.hung. 22: 183 (Diathoneura).

Citation: Costa Rica. In der S. des Ung.Nat.-Mus. 1 ♂, 1 ♀.

Types: Lectotype (♀): Costa Rica 1921, Suiza de Turrialba, V.31.; Diathoneura pleurostriata n. sp. ♀, Det. Dr. O. DUDA; 1 Paralectotype (♂): Costa Rica, Suiza de Turrialba, 1921.IV. 15.; D. pleurostriata ♂, Det. Dr. O. DUDA.

Comment: Diathoneura pleurostriata is a manuscript name.

poeciloptera Duda, 1925 (Drosophila): Anns hist.-nat. Mus.natn.hung. 22: 226 (Paramycodrosophila).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 10 ♂, 14 ♀.

Types: Lectotype (♂): Costa Rica 1921, Suiza de Turrialba, V.20; 20 Paralectotypes (♂ ♀): Costa Rica, Suiza de Turrialba.

Comment: Drosophila poeciloptera is a synonym of Drosophila schildi Malloch.

poeciloptera Duda, 1940 (Drosophila): Anns hist.-nat. Mus.natn.hung. 33: 34 (Drosophila).

Citation: Im Ung. Nat.-Museum 1 ♂ "Natal, New Hannover," im Hamburger Museum 1 ♀, "Algoa-Bay, Capland".

Type: Lectotype (♂): Natal, New Hannover, 1913.VIII.; Type, Drosophila poeciloptera n.sp. ♂, d. DUDA.

Comment: Lectotype by present designation. Drosophila poeciloptera is considered to be a synonym of Drosophila punctatovenosa Frey.

prorepleta Duda, 1925 (Drosophila): Anns hist.-nat. Mus.natn.hung. 22: 210 (Drosophila).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♀.

Types: Lectotype (♂): Costa Rica 1921, Suiza de Turrialba, VI.1929; Drosophila pararepleta ♀, n.sp.?. Det. Dr. O. DUDA; prorepleta ♀ Type, det. DUDA; 1 Paralectotype (♀): Costa Rica 1921, Suiza de Turrialba, VI.28.; pararepleta ♀, Det. Dr. O. DUDA.

Comment: Drosophila prorepleta is considered to be a synonym of Drosophila repleta Wollaston.

pruinosa Duda, 1940 (Drosophila): Anns hist.-nat. Mus.natn.hung. 33: 41 (Drosophila).

Citation: Im Ung. Nat.-Museum zahlreiche ♂ ♀, bezettelt "Uganda: Mujenje, 1913, VIII." und "IX", KATONA.

Types: Lectotype (♂): Mujenje, 1913.VIII; 36 Paralectotypes (♂ ♀): Mujenje, 1913.VIII.

pusio Duda, 1923 (Drosophila): Anns hist.-nat. Mus.natn.hung. 20: 50 (Drosophila).

Citation: Im Budapester Museum 1 ♂, bezettelt "N. Guinea, Friedrich-Wilhelmshafen, Biró".

Type: Holotype (♂): Neu Guinea, BIRÓ 96; Friedr. Wilhelmshafen.

putrida Sturtevant, 1916 (Drosophila): Ann.ent.Soc.Am. 9: 339 (Drosophila).

Citation: Type and paratypes, Woods Hole, Mass.

Type: 1 Paratype: Woods Hole, Mass., VIII.20.14, A.H. STURTEVANT.

quadri radiata Duda, 1923 (Drosophila): Anns hist.-nat. Mus.natn.hung. 20: 46 (Paradrosophila).

Citation: Im Budapester Museum 2 ♂, 1 ♀, bezettelt "N. Guinea, Biro 1899, Sattelberg, Huon Golf".

Types: 2 Syntypes: N.-Guinea, BIRÓ 1899; Simbang, Huon Golf; 1 Syntype: N.-Guinea, BIRÓ 1899; Sattelberg, Huon Golf.

quadristriata Duda, 1923 (Drosophila): Annl. hist.-nat. Mus. natn. hung. 20: 39 (Spuriostyloptera).

Citation: Im Budapester Museum 2 ♂, bezettelt "N. Guinea, Biró 1900, Simbang, Huon Golf".

Type: 1 Syntype (♂): N.-Guinea, BIRÓ 1899; Simbang, Huon Golf.

quadrivittata Duda, 1925 (Diathoneura): Annl. hist.-nat. Mus. natn. hung. 22: 172 (Diathoneura).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂.

Type: 1 Syntype (♂): Costa Rica 1921, Suiza de Turrialba, V.19.

quinquelineata Duda, 1925 (Neorhinoleucophenga): Annl. hist.-nat. Mus. natn. hung. 22: 167 (Neorhinoleucophenga).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂.

Type: Holotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.9.

rostrata Duda, 1925 (Drosophila): Annl. hist.-nat. Mus. natn. hung. 22: 219 (Drosophila).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂.

Type: Holotype (♂): Costa Rica, Suiza de Turrialba, 1921.IV.14.

scaptomyzoidea Duda, 1923 (Drosophila): Annl. hist.-nat. Mus. natn. hung. 20: 37 (Scaptodrosophila).

Citation: Im Budapester Museum 1 ♂, bezettelt: "N.-Guinea, Friedrich-Wilhelmshafen, Biró".

Type: Holotype (♂): N.-Guinea, Fr. Wilh. Hafen, BIRÓ, 96.

schmidti Duda, 1924 (Drosophila): Arch. Naturgesch. 90(A)3: 213, 220 (Drosophila).

Citation: Ungarn.

Types: Lectotype (♂): Fenyőfő, SCHMIDT; 18 Paralectotypes: Fenyőfő, SCHMIDT.

semialba Duda, 1925 (Drosophila): Annl. hist.-nat. Mus. hung. 22: 208 (Drosophila).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂, 1 ♀.

Type: 1 Syntype (♂): Costa Rica 1921, Suiza de Turrialba, V.23.; Drosophila albonigra ♂, Det. Dr. O. DUDA.

Comment: Drosophila albonigra is a manuscript name.

seminigra Duda, 1923 (Drosophilella): Annl. hist.-nat. Mus. natn. hung. 20: 25 (Drosophilella).

Citation: Im Budapester Museum 1 ♂, 2 ♀ "N.-Guinea Biró 1896, Friedrich-Wilhelmshafen, 123".

Types: 1 Syntype: N. Guinea, BIRÓ 96; Friedrich-Wilh.-hafen, 173; 2 Syntypes: N.-Guinea, Fr. W. Hafen, Det. Dr. O. DUDA, 173.

sepsoides Duda, 1939 (Zaprionus): Annl. hist.-nat. Mus. natn. hung. 32: 20 (Zaprionus).

Citation: Im Ung. Nat.-Museum 9 ♂, 8 ♀, bezettelt "Uganda: Mujenje. 1913. VIII, Katona".

Types: Lectotype (♂): Mujenje, 1913. VIII; 2 Paralectotypes (♂ ♀): Mujenje, 1913. VIII.

eotipalis Duda, 1923 (Leucophenga): Annl. hist.-nat. Mus. natn. hung. 20: 31 (Leucophenga).

Citation: Im Budapester Museum ein ♂, bezettelt "Formosa, Sauter, Takao 1907. VII.20."

Type: Holotype (♂): Takao, 1907. XII.20.

Comment: DUDA gives a wrong date of collection.

setulosa Duda, 1939 (Leucophenga): Annl. hist.-nat. Mus. natn. hung. 32: 39 (Leucophenga).

Citation: Um Ungarischen National-Museum 7 ♂, bezettelt "Uganda: Mujenje, 1913. VIII, Katona", und "IX", 2 ♂ "Sarnia, Natal".

Type: Lectotype (♂): Mujenje, 1913. IX; 2 Paralectotypes (♂): Mujenje, 1913. IX; 2 Paralectotypes (♂): Sarnia, Natal, VIII.1913.

sexsetosa Duda, 1939 (Microdrosophila): Annl. hist.-nat. Mus. natn. hung. 32: 56 (Oxystyloptera).

Citation: Um Ung. Nat.-Mus. 1 ♂ "Uganda: Mujenje, 1913. IX, Katona".

Type: Holotype (♂): Mujenje, 1913. IX.

- signata Duda, 1923 (Drosophila): Annlis hist.-nat.Mus.natn.hung. 20: 48 (Spinulophila).
Citation: Im Budapester Museum 2 ♀, bezettelt "Formosa, Sauter, Chip-Chip 1909.III."
Type: 1 Syntype (♀): Chip Chip, 909.III.
- similis Lástovka and Máca, 1982 (Stegana): Annotnes zool.-bot.Bratislava 149: 29 (Stegana).
Types: 1 Paratype (♂): Berlin, Pichelsberg, 19.8.02; 1 Paratype (♀): Berlin, Pichelsberg, 10.6.00; 1 Paratype (♀): Berlin, Pichelsberg, 30.5.01; 1 Paratype (♀): Moravia, Frain; 1 Paratype (♀): Pécs, THALHAMMER, IX.4; 2 Paratypes (♂♀): Aranyosgadány; Vizsla-v., akácós; 1 Paratype (♀): Jászberény, Hungaria, THALHAMMER; 1 Paratype (♂): Badacsony, Hungaria, THALHAMMER; 1 Paratype (♀): Berlin, Pichelsberg, 29.6.99; 1 Paratype (♀): Mehádia, KERTÉSZ; 1 Paratype (♀): Zempléni-hg., N. Pétermenkő, 1960.VI.24., leg. ZSIRKÓ; 1 Paratype (♀): 26.8.89. HANDL.
- simplicifemur Duda, 1939 (Zaprionus): Annlis hist.-nat.Mus.natn.hung. 32: 22 (Zaprionus).
Citation: Um Ung. Nat.-Museum 4 ♂, 10 ♀ "Uganda: Mujenje, 1913.VIII, Katona".
Types: 14 Syntypes (♂♀): Mujenje, 1913.VIII.
Comment: Zaprionus simplicifemur is considered to be a synonym of Zaprionus ghesquieri Collart.
- singularis Duda, 1924 (Drosophila): Arch.Naturgesch. 90(A)3: 220, 249 (Drosophila).
Citation: In der D.Ent.Mus.-S. 1 ♂, "Toa Tsui Kutsu (Formosa), H. Sauter V.1914", in KERTÉSZ S. 2 ♂: "Formosa Sauter Chip-Chip 09.II. und I."
Type: 1 Syntype (♂): Chip Chip, 909.I.
- sordida Duda, 1923 (Leucophenga): Annlis hist.-nat.Mus.natn.hung. 20: 31 (Leucophenga).
Citation: Im Budapester Museum 1 ♂, bezettelt "Formosa, Sauter, Koshun 1908.IX."
Type: Holotype (♂): Koshun, 908.IX.
- striaticeps Duda, 1923 (Drosophila): Annlis hist.-nat.Mus.natn.hung. 20: 58 (Drosophila).
Citation: Im Budapester Museum 1 ♀, bezettelt "N.-Guinea, Yomba, Biró 1901".
Type: Holotype (♂): N.-Guinea, Yomba, BIRÓ, 1901.
Comment: Drosophila striaticeps is considered to be a synonym of Drosophila albonotata Meijere.
- striatipennis Duda, 1923 (Eostegana): Annlis hist.-nat.Mus.natn.hung. 20: 33 (Stegophortica).
Citation: Im Budapester Museum 3 ♂ bezettelt mit "N.-Guinea, Biró 1899".
Types: 2 Syntypes (♂): Simbang, Huon Golf.
- subinfumata Duda, 1925 (Drosophila): Annlis hist.-nat. Mus.natn.hung. 22: 221 (Drosophila).
Citation: Costa Rica. In der Sammlung des Ung.Nat.-Mus. 1 ♂.
Type: Holotype (♂): Costa Rica, Suiza de Turrialba, 1921.IV.13.
- sulfurigeraster Duda, 1923 (Drosophila): Annlis hist.-nat.Mus.natn.hung. 20: 48 (Spinulophila).
Citation: Im Budapester Museum 1 ♂, bezettelt "N.-Guinea 1896, Friedrich-Wilhelmshafen".
Type: Holotype (♂): N.-Guinea, BIRÓ, 96; Friedrich-Wilh.-hafen.
- taeniatipennis Duda, 1925 (Diathoneura): Annlis hist.-nat.Mus.natn.hung. 22: 172 (Diathoneura).
Citation: Costa Rica. In der S. des Ung.Nat.Mus. ein anscheinend weibliches Exemplar.
Type: Lectotype: Costa Rica, Suiza de Turrialba, 1921.V.5.; taeniatipennis, Det.Dr.O.DUDA.
- tanyptera Duda, 1925 (Diathoneura): Annlis hist.-nat.Mus.natn.hung. 22: 170 (Diathoneura).
Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 ♂.
Type: Holotype (♂): Costa Rica, Suiza de Turrialba.
- teissieri Tsacas, 1971 (Drosophila): Bull.Soc.ent.Fr. 76: 35 (Drosophila).
Types: 2 Paratypes (♂♀): Rhodéste, Mt. Selinda, Janv. 1970, H. PATERSON leg., souche No. 128.
- tenuirostris Duda, 1925 (Zygothrica): Annlis hist.-nat.Mus.natn.hung. 22: 189 (Zygothrica).

- Citation: Costa Rica. In der S. des Ung. Nat. Mus. 1 ♀.
 Type: Holotype (♀): Costa Rica, Suiza de Turrialba, 1921.IV.5.; Dros. tanyglossa ♀, d. DUDA; tenuirostris.
 Comment: Drosophila tanyglossa is a manuscript name.
- tessellata Duda, 1925 (Diathoneura): Anns hist.-nat. Mus. natn. hung. 22: 174 (Diathoneura).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂, 2 ♀.
 Types: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.8; 1 Paralectotype (♂): Costa Rica 1921, Suiza de Turrialba, V.15; 1 Paralectotype (♀): Costa Rica 1921, Suiza de Turrialba, V.16; 1 Paralectotype (♀): Costa Rica, Suiza de Turrialba, 1921.V.7.
- trachyopa Duda, 1925 (Neorhinoleucophenga): Anns hist.-nat. Mus. natn. hung. 22: 165 (Neorhinoleucophenga).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 Exemplar.
 Type: Holotype: Costa Rica, Suiza de Turrialba, 1921.V.15.
- trapezina Duda, 1923 (Drosophila): Anns hist.-nat. Mus. natn. hung. 20: 41 (Hirtodrosophila).
 Citation: Im Budapest Museum zahlreiche ♂ ♀, bezettelt "Formosa, Sauter (Kosempo, Polisha, Chip-Chip)".
 Types: Lectotype (♂): Kosempo, 908.III.21; 17 Paratypes (♀): Polisha, 908.XII; 13 Paratypes (♂ ♀): Kosempo, 908.III.20; 6 Paratypes (♂): Kosempo, 908.III.21; 11 Paratypes (♂ ♀): Kosempo, 908.III.29; 9 Paratypes (♂ ♀): Chip Chip, 909.III; 1 Paratype (♂): Formosa, Sauter.
- tricoloripes Duda, 1925 (Neotanygastrella): Anns hist.-nat. Mus. natn. hung. 22: 224 (Neotanygastrella).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 2 ♂, 1 ♀.
 Types: Lectotype (♀): Costa Rica, Suiza de Turrialba, 1921.V.13; 1 Paralectotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.3.
- triseta Duda, 1925 (Stagana): Anns hist.-nat. Mus. natn. hung. 22: 160 (Oxyphortica).
 Citation: Costa Rica. In der Sammlung des Ung. Nat.-Mus. 1 ♂, 2 ♀.
 Type: 1 Syntype (♂): Costa Rica, Suiza de Turrialba, 1921.V.7; 1 Syntype (♀): Costa Rica 1921, Suiza de Turrialba, VI.24.
- tristipennis Duda, 1924 (Drosophila): Arch. Naturgesch. 90(A)3: 215, 247 (Drosophila).
 Citation: In der D. Ent. Mus.-S. 3 ♂ 4 ♀ aus Taihoku XI. und XII. 1913; in KERTÉSZ'S, 3 ♂, 10 ♀, "Formosa Sauter Chip Chip 909.I."
 Types: 30 Syntypes (♂ ♀): Chip Chip, 909.I.
- tritaenata Duda, 1923 (Leucophenga): Anns hist.-nat. Mus. natn. hung. 20: 26 (Leucophenga).
 Citation: Im Budapest Museum: 1 ♀, bezettelt: "N.-Guinea, Biró 1896, Friedrich-Wilhelmshafen, 1877".
 Type: Holotype (♀): N. Guinea, BIRÓ 96; Friedrich-Wilh.-hafen; 157.
 Comment: Head and right wing missing.
- unradiata Duda, 1925 (Diathoneura): Anns hist.-nat. Mus. natn. hung. 22: 181 (Diathoneura).
 Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 3 ♂, 2 ♀.
 Types: Lectotype (♂): Costa Rica, Suiza de Turrialba, 1921.V.7; 1 Paralectotype (♂): Costa Rica, Suiza de Turrialba, 1921.VI.23; 1 Paralectotype (♂): Costa Rica 1921, Suiza de Turrialba, VI.29; 1 Paralectotype (♀): Costa Rica 1921, Suiza de Turrialba, V.21; 1 Paralectotype (♀): Costa Rica 1921, Suiza de Turrialba, VI.5.
- varinervis Duda, 1923 (Leucophenga): Anns hist.-nat. Mus. natn. hung. 20: 31 (Leucophenga).
 Citation: Im Budapest Museum 1 ♀, bezettelt "Formosa, Sauter, Sokotra 1912.V."
 Type: Holotype (♂): Sokotsu, 1912.V.
 Comment: The collection site Sokotra mentioned by DUDA may be a lapsus.
- virilis Sturtevant, 1916 (Drosophila): Ann. ent. Soc. Am. 9: 330 (Drosophila).
 Citation: Type, allotype and gonotypes from New York, N.Y.

Type: 1 Paratype (♂): New York, N.Y., Stock, A.H. STURTEVANT; Gonotype.

vitripennis Duda, 1925 (Neorhinoleucophenga): Anns hist.-nat. Mus. natn. hung. 22: 164 (Neorhino-
leucophenga).

Citation: Costa Rica. In der S. des Ung. Nat.-Mus. 1 Exemplar.

Type: Holotype (♀): Costa Rica, Suiza de Turrialba, 1921.VII.3.

Genus group inventory

Amiota: fasciata, fenestrata, foliacea, foliifera, leucostoma, pappi, phyllochaeta.

Apacrochaeta: columbiensis.

Cacoxenus: kaszabi.

Cladochaeta: infumata.

Diathoneura: adumbrata, albifacies, cruciata, euryopa, guttipennis, laticeps, minuta, nigrescens, nigrifrons, nubeculosa, pleurolineata, quadrivittata, taeniatipennis, tanyptera, tessellata, uniradiata.

Drosophila: abregolineata, albomicans, alternolineata, angustibucca, aterrima, atropyga, australica, bocqueti, burlial, carinata, ciunterus, decipiens, erecta, flavohalterata, florum, formosana, fumpennis, fundomaculata, fuscogalterata, fuscolineata, gigas, glabrifrons, hexasticha, hoozani, hydei, immigrans, interrupta, latifasciasformis, limbinervis, limbiventris, lividinervis, longecrinita, longetrinica, mediotriata, metakuntzei, multipunctata, nasalis, nigrohalterata, novoguineensis, pappi, parakuntzei, paralatifrontata, parapunctipennis, pictiventris, pleurofasciata, poeciloptera, poeciloptera, prorepleta, pruinosa, pusio, putrida, quadriradiata, quadristriata, rosstrata, scaptomyzoides, schmidtii, semialba, signata, singularis, striaticeps, subinfumata, sulfurgaster, teissleri, trapezina, tristipennis, virilis.

Drosophilella: seminigra.

Eostegana: striatipennis.

Hypselothyreia: aptera, brevipennis, dimidiata, lanigera.

Leucophenga: abrupta, bifasciata, confluens, curvipila, dudai, flavipalpis, fuscipennis, latecincta, latevittata, latifrons, leucozona, magnipalpis, nigripalpis, paracuthbertsoni, paraflaviseta, setipalpis, setulosa, sordida, tritaeniata, varinervis.

Microdrosophila: sexsetosa.

Mycodrosophila: biroi, ciliatipes, gratiosa, johni.

↳ Neorhinoleucophenga: kerteszi, quinquelineata, trachyopa, vitripennis.

Neotanygastrella: tricoloripes.

↳ Paraliodrosophila: bipartita, mihalyfi.

Paramycodrosophila: costaricana.

Phorticella: multistriata.

↳ Pseudocacoxenus: lineatifrons.

↳ Pyrgometopa: penicillata.

Scaptomyza: biradiata, carinata.

Sphaerogastrella: novoguineensis.

Stegana: baechlii, femorata, intermedia, mehadiae, nigrolimbata, nigromarginata, similis, trisetata.

Zaprionus: bispinosus, sepsoides, simplicifemur.

Zygothrica: avittata, microstoma, tenuirostris.

REFERENCES

BÄCHLI, G. (1982): On the type material of Palearctic species of Drosophilidae (Diptera). Beitr. Ent., 32: 289-301.

WHEELER, M.R. (1963): Notes on the extant types of Dr. O. Duda's Costa Rican Drosophilidae (Diptera). Bull. Brooklyn ent. Soc., 58: 51-61.

Author's address: Dr. Gerhard BÄCHLI
Zoologisches Museum, Universität Zürich-Irchel
Winterthurerstr. 190
CH-8057 Zürich, Schweiz