

**Contributions à l'étude  
de la faune entomologique du Ruanda-Urundi  
(Mission P. BASILEWSKY 1953)**

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**LXIX. Diptera Syrphidae**

by P. H. VAN DOESBURG (Baarn)

This report deals with the *Syrphidae* collected by Mr. P. BASILEWSKY, Chief of the Entomological Department of the Musée Royal du Congo Belge, during his travel through Ruanda-Urundi (Belgian Congo). The collection contains 182 specimens. I have also added some data on specimens collected in other parts of the Belgian Congo by the same entomologist, when it was necessary.

The flies have been preserved in alcohol, nevertheless they are in fairly good condition, and have carefully been mounted. I extend my sincere thanks to M. BASILEWSKY for the opportunity to study this valuable material.

Gen. **PARAGUS** LATREILLE

(Subgenus **Pandasyophthalmus** STUCKENBERG)

**Paragus longiventris** LOEW

LOEW, 1857, Oefvers, Kongl. Vet. Akad. Förhandl., XIV : 376.

Two males, Ubangi : Nouvelle-Anvers, 9-XII-1952; two males, Urundi (Mosso) : Makoronkwe, 1450 m., 12-III-1953; one male, Ruanda : Mt. Mbude, 2000 m., 29-I-1953.

**Paragus dolichocerus** BEZZI

BEZZI, 1945, Syrphidae Ethiopian Region : 14.

Five males, two females, Urundi : Kitega, 1600-1700 m., 3/4-III-1953; one male, Urundi : Bururi, 1800-2000 m., 5/12-III-1953.

**Paragus Marshalli** BEZZI

BEZZI, 1915, t. c. : 13.

One male, Urundi : Bururi, 1800-2000 m., 5/12-III-1953.

**Paragus tibialis** FALLÉN

FALLÉN, 1817, Dipt. Suec., Syrphici : 60 (*Pipiza*).

One female, Urundi : Bururi, 1800-2000 m., 5/12-III-1953.

(Subgenus **Paragus** s. str. (STUCKENBERG))

**Paragus borbonicus** MACQUART

MACQUART, 1842, Dipt. exot. II : 106, tab. XVIII, fig. 1.

One male, one female, Ubangi : Nouvelle-Anvers, 9-XII-1952; two males, Ruanda : Mt. Mbude, 2000 m., 29-I-1953; one female, Kivu : Uvira, 21-III-1953.

**Paragus Basilewskyi**, n. sp.

A black, slender species, similar to *tibialis* F., *punctatus* HULL, etc., but the vena spuria ends far before the point in which the lower marginal cross vein meets the fourth longitudinal vein.

Male. — Head large, subglobular, larger than thorax, vertical triangle long, narrow, black, its anterior corner with a small, white pollinose spot. Ocellar triangle far in front of vertical triangle. Eyes bare, dullish black, contiguous for about half the length of the vertical triangle, upper facets scarcely enlarged. Frontal triangle small, black. Face dark yellow, scarcely protruding, with short, white, scattered hairs. Oral margin and cheeks, black. Vertical part of occiput with silvery-white pollen and pile. Antennae black, third segment not quite three times as long as high, a little brownish basally below. Arista black.

Mesonotum black, shining, moderately and finely punctate, the pile quite short. Pleurae blackish, the pile inconspicuous except for a vertical fringe of long silvery hairs extending over the mesopleura and sternopleura. Scutellum black, shining, the pile inconspicuous.

Abdomen shining black, with very coarse, widely spaced punctures, the pile inconspicuous dorsally, moderately long, white on the lateral margins. Sides of abdomen parallel. First abdominal segment posteriorly with a broad, impunctate, undulating band, which is laterally curved up to the anterior corners of the segment. Hypopygium and genitalia reddish. Venter shining, black.

Legs brownish, the knees whitish, base of femora, and the tarsi, darker. Hind metatarsus moderately thickened, about as long as the remainder joints together. Pile on femora and tibiae white, on hind tarsi golden yellow.

Wings hyaline, strongly villous on the apical two thirds. Stigma blackish. Halteres and squamae white.

Length 5-6 mm.

Holotype, Male : Urundi : Bururi, 1900 m., 5/12-III-1953, P. BASILEWSKY. Two Paratypes, males, with the same data. The Type is in the Musée Royal du Congo Belge.

Gen. **MELANOSTOMA** SCHINER

**Melanostoma bituberculatum** LOEW

LOEW, 1857, t. c. : 379 (*Syrphus*).

Six females, Urundi (Mosso) : Makoronkwe, 1450 m., 12-III-1953; two

females, Ruanda : terr. Nyanza, Nyabikenke, 1700 m., 12-I-1953; and Kirengeri, 1650 m., 21-II-1953; one female, Kivu : contr. SE. Kahuzi, 1800 m., 25-III-1953.

**Melanostoma pyrophaenoides** SPEISER

SPEISER, 1910, Kilimandjaro Meru Exped., X.5 : 114.

Two females, Urundi (Mosso) : Makoronkwe, 1450 m., 12-III-1953.

**Melanostoma infuscatum** BECKER

BECKER, 1909, Bull. Mus. Paris : 117, & Ann. Soc. ent. France 79 : 26.

Five males, eleven females, Kivu : contr. S. Kahuzi, 2200 m., 28-III-1953; three males, four females, Urundi : Bururi, 1800-2000 m., 5/12-III-1953; four females, Ruanda : Kayove, 2000 m., 14-II-1953; one female, Ruanda : Biumba, 2300 m., 6-II-1953.

**Melanostoma automenes** WALKER

WALKER, 1849, List Dipt. Brit. Mus. III : 589 (*Syrphus*).

One female, Ruanda : Rwankeri, terr. Ruhengeri, 1800 m., 16-II-1953; one female, Ruanda : Contr. Est Muhavura, 2100 m., 28-I-1953; one female, Urundi : Kitega, 1600 m., 3/4-III-1953.

**Melanostoma annulipes** MACQUART

MACQUART, 1842, t. c. : 102 (*Syrphus*); tab. XVII, f. 4.

One male, two females, Kivu : Contr. S. Kahuzi, 2300 m., 26/28-III-1953

**Melanostoma simplex** n. sp.

Female. — Head, mesonotum and abdomen wholly shining bluish black; antennae black; legs black, the knees narrowly reddish.

Vertex and front about one fourth of the width of head, slightly widening downwards, shining, nearly impunctate except for a transverse band of weak punctures above the antennal ridge; face bluish black with thin whitish pollen, the strong facial tubercle nearly globulous, shining, not pollinose; seen in front the oral opening is as wide as the face, from lateral view the anterior corners of the cheeks are rectangular and somewhat protruding. Antennae and arista black, the latter slightly pubescent, third antennal joint shortly oval. The sparse pile of the head is whitish.

Mesonotum and scutellum with scattered weak punctures, the pile yellowish, erect, short, somewhat longer at the apex of the scutellum. Pleurae dark metallic, their pile long, white.

Abdomen broadest at the end of the third segment; it is bluish black, shining, without red markings, the scattered microscopic punctures each bearing a rather long, white hair.

Legs black, the anterior knees rather broadly reddish, the posterior ones narrowly so. Wings long, tinged with brown, strongly villous. Squamae white; halteres white, their knob strongly widened.

Length : about 8 mm.

Holotype, female : Urundi : Bururi, 1800-2000 m., 5/12-III-1953 (P. BASILEWSKY leg.), in the Musée Royal du Congo Belge; one Paratype, female, with the same data.

Gen. **ASARCINA** MACQUART

**Asarcina punctifrons** AUSTEN

AUSTEN, 1909, Trans. Zool. Soc. Lond., XIX : 89.

One male, one female, Urundi : Bururi, 1800-2000 m., 5/12-III-1953.

**Asarcina gemmata** BEZZI

BEZZI, 1915, Syrph. Ethiop. Reg. : 26 (*A. ericetorum* var.).

Two males, two females, Urundi : Bururi, 1800-2000 m., 5/12-III-1953.

**Asarcina eremophila** LOEW

LOEW, 1857, t. c. : 380.

One male, one female, Ruanda : Kagogo, terr. Ruhengeri, 1900 m., 29-I-1953; one male, Ruanda : Kayove, terr. Kisenyi, 2000 m., 14-II-1953; one male, Urundi (Mosso) : Makoronkwe, 1450 m., 12-III-1953; one female, Ruanda : Contr. Est Muhavura, 2100 m., 28-I-1953.

**Asarcina rostrata** WIEDEMANN

WIEDEMANN, 1824, Analecta Entom. : 34 (*Scaeva*).

Two males, Urundi : Bururi, 1800-2000 m., 5/12-III-1953; one male, Urundi (Mosso) : Makoronkwe, 1450 m., 12-III-1953.

**Asarcina hirsuticeps** BEZZI

BEZZI, 1915, t. c. : 28.

One male, one female, Kivu : Contr. S. Kahuzi, 2200 m., 28-III-1953.

Gen. **SYRPHUS** FABRICIUS (*Sensu latiore*)

**Syrphus trisectus** LOEW

LOEW, 1857, t. c. : 379.

Two males, Kivu : Contr. S. Kahuzi, 1800 m., 25-III-1953 and 2200 m., 28-III-1953.

**Syrphus calopoides** CURRAN

CURRAN, 1938, Amer. Mus. Novit., N° 1010 : 9.

Two males, three females, Urundi : Bururi, 1800-2000 m., 5/12-III-1953; one male, Ruanda : Ndiza, 1500-1700 m., terr. Nyanza, II-1953; one female,

Kivu : Contr. S. Kahuzi, 2200 m., 28-III-1953; one female, Ruanda : Biumba, 2300 m., 6-II-1953.

**Syrphus calinus** CURRAN

CURRAN, 1938, t. c. : 10.

One female, Ruanda : Rutovu, forêt du Rugege, 2350 m.; 20/23-I-1953.

**Syrphus cinctifacies** SPEISER

SPEISER, 1910, t. c. : 119.

Two females, Kivu : Contr. S. Kahuzi, 2200 m., 28-III-1953; one female, Ruanda : Biumba, 2300 m., 6-II-1953.

**Syrphus inflaticornis** BEZZI

BEZZI, 1915, t. c. : 31.

One female, Ruanda : Contr. Est Muhavura, 2100 m., 28-I-1953.

**Syrphus eutaeniatus** BEZZI

BEZZI, 1915, t. c. : 31.

One female, Ruanda : Contr. Est Muhavura, 2100 m., 28-I-1953.

**Syrphus adligatus** WIEDEMANN

WIEDEMANN, 1824, t. c. : 35.

Four females, Urundi : Bururi, 1800-2000 m., 5/12-III-1953; one female, Urundi (Mosso) : Makoronkwe, 1450 m., 12-III-1953.

**Syrphus melas** BEZZI

BEZZI, 1915, t. c. : 33 (*S. adligatus* var.).

Four males, Kivu : Contr. S. Kahuzi, 2200 m., 28-III-1953.

Gen. **ISCHIODON** SACK

**Ischiodon aegyptius** WIEDEMANN

WIEDEMANN, 1830, Aussereur, zweifl. Ins., II : 133 (*Syrphus*).

Two females, Urundi : Rumonge, 800 m., 7-III-1953, and Ruanda : Gatsibu, terr. Biumba, 1800 m., 6-II-1953.

Gen. **RHINGIA** SCOPOLI

**Rhingia mecyana** SPEISER

SPEISER, 1910, t. c. : 121.

One male, two females, Urundi : Bururi, 1800-2000 m., 5/12-III-1953.

**Rhingia cyanoprora** SPEISER

SPEISER, 1910, t. c. : 122.

One male, one female, Kivu : Contr. S. Kahuzi, 2300 m., 26/28-III-1953.

**Rhingia uniformis** CURRAN

CURRAN, 1939, Amer. Mus. Novit., N° 1025 : 2.

Three males, Urundi : Bururi, 1800-2000 m., 5/12-III-1953.

Gen. **GRAPTOMYZA** MACQUART

**Graptomyza triangulifera** BIGOT

BIGOT, 1882, Ann. Soc. Ent. France, ser. 6, II. Bull. : CXIV (*Ptilostylomyia*).

Three males, five females, Ruanda : Contr. Est Muhavura, 2100 m., 28-I-1953; two males, four females, Ruanda : Mt. Mbude, S. du lac Luhondo, 2000 m., 29-I-1953; one male, one female, Ruanda : Ruhengeri, 1900 m., 27-I-1953.

**Graptomyza breviscutum** CURRAN

CURRAN, 1929, Amer. Mus. Novit., N° 340 : 7.

One female, Ruanda : Mt. Mbude, 2000 m., 29-I-1953.

Gen. **SENASPIS** MACQUART

**Senaspis aesacus** WALKER

WALKER, 1849, t. c. : 609 (*Helophilus*).

Two females, Urundi : terr. Bururi, Nyamurembe, 900 m., 7-III-1953; one female, Urundi (Mosso) : Makoronkwe, 1450 m., 12-III-1953; one female, Urundi : Rumonge, 800 m., 7-III-1953.

**Senaspis dibaphus** WALKER

WALKER, 1849, t. c. : 560 (*Xylota*).

One female, Urundi : terr. Bururi, Nyamurembe, 7-III-1953; one female, Ruanda : Shangugu, 1500 m., 6-IV-1953.

**Senaspis haemorrhoea** GERSTÄCKER

GERSTÄCKER, 1871, Arch. f. Naturgesch., XXXVII. 1 : 363 (*Plagiocera*).

One female, Ruanda : Shangugu, 1500 m., 6-IV-1953; one female, Ruanda : Astrida, 1750 m., 22-II-1953.

Gen. MEGASPIS MACQUART

**Megaspis incisa** WIEDEMANN

WIEDEMANN, 1830, t. c. : 155 (*Eristalis*)

One male, Ruanda : Gatsibu, terr. Biumba, 1800 m., 6-II-1953.

**Megaspis fronto** LOEW

LOEW, 1857, t. c. : 381.

One female, Kivu : Contr. S. Kahuzi, 2200 m., 28-III-1953.

Gen. SIMOIDES LOEW

**Simoides pachymera** WIEDEMANN

WIEDEMANN, 1819, Zool. Mag. I : 17 (*Eristalis*).

Two females, Ruanda : Contr. Est Muhavura, 2100 m, 28-I-1953; one male, Urundi : Bururi, 1800-2000 m., 5/12-III-1953; one female, Urundi : Nyamasumu, 1500 m., 29-XII-1952.

Gen. LATHYROPHTHALMUS MIK

**Lathyrophthalmus flaveolus** BIGOT

BIGOT, 1880, Ann. Soc. Ent. France, Ser. 5.X. : 220 (*Eristalomyia*).

One female, Ruanda : Shangugu, 1500 m., 6-IV-1953.

**Lathyrophthalmus lineifacies** CURRAN

CURRAN, 1939, Amer. Mus. Novit. N° 1026 : 6.

One female, Ruanda : Gitarama, terr. Nyanza, 1850 m., I-1953; one female, Ruanda : Kayove, terr. Kisenyi, 2000 m., 14-II-1953.

Gen. ERISTALODES MIK

**Eristalodes Surcoufi** HERVÉ-BAZIN

HERVÉ-BAZIN, 1914, Bull. Soc. Ent. France : 115.

One male, Ruanda : Ruhengeri, 1900 m., 27-I-1953; one female, Ruanda : Kayove, 2000 m., 14-II-1953.

**Eristalodes mendax** CURRAN

CURRAN, 1927, Bull. Amer. Mus. N. H., 57 : 75.

One female, Ruanda : Biumba, 2300 m., 6-II-1953.

Gen. **MESEMBRIUS** RONDANI

**Mesembrius lagopus** LOEW

LOEW, 1860, Dipt. Faun. Südafr. I : 314 (*Helophilus*).  
One female, Ruanda : Nduga, terr. Nyanza, II-1953.

Gen. **LEJOPS** RONDANI

**Lejops katonae** BEZZI

BEZZI, 1921, Broteria, Ser. Zool., XVIII. 3 : 15.  
One female, Kivu : Contr. S. Kahuzi, 2200 m., 28-III-1953.

**Lejops nasutus** CURRAN

CURRAN, 1929, Amer. Mus. Novit., N° 340 : 12.  
Five females, Kivu : Contr. S. Kahuzi, 1800-2000 m., 25/27-III-1953.

Gen. **SYRITTA** ST. FARGEAU et SERVILLE

**Syritta stigmatica** LOEW

LOEW, 1857, Oefvers. Kongl. Vet. Akad. Förhandl., XIV : 377.  
One male, one female, Urundi, Bururi, 1800-2000 m., 5/12-III-1953; one male, Ruanda : Gatsibu, 1800 m., 6-II-1953; one female, Ubangi : Nouvelle Anvers, 9-XII-1952.

**Syritta abyssinica** RONDANI

RONDANI, 1873, Ann. Mus. Civ. Genova, IV : 282.  
One male, three females, Ruanda : Contr. Est Muhavura, 2100 m., 28-I-1953; one male, Kivu : Uvira, 16/23-III-1953; one female, Ruanda : Ruhengeri, 1900 m., 27-I-1953.

Gen. **EUMERUS** MEIGEN

**Eumerus triangularis** HERVÉ-BAZIN

HERVÉ-BAZIN, 1913, Rev. Zool. Afric., 3 : 82, fgs. 15-18.  
One male, Urundi : Rumonge, 800 m., 7-III-1953.

**Eumerus Bequaerti** HERVÉ-BAZIN

HERVÉ-BAZIN, 1913, t. c. : 77, fgs. 6-8.  
One female, Ruanda : Kirengeri, terr. Nyanza, 1650 m., 21-II-1953.



Gen. **MICRODON** MEIGEN

**Microdon luteiventris** BEZZI

BEZZI, 1915, t. c. : 132.

One female, Ruanda : Shangugu, 1500 m., 6-IV-1953.

Gen. **CERIOIDES** RONDANI

**Ceriodes pulchra** HERVÉ-BAZIN

HERVÉ-BAZIN, 1913, t. c. : 91.

One male, Urundi : Bururi, 900 m., 7-III-1953.

