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NOTES ON THE OCCURRENCE
OF THE GENUS *PLATYPALPUS* MACQUART, 1827
(DIPTERA : EMPIDIDAE) IN BELGIUM

BY

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(With 1 figure in the text)

The genus *Platypalpus* represents a group of common but rather inconspicuous small predaceous flies (2-5 mm length). They are usually found sitting or running on ground-vegetation or on leaves of bushes and trees. They are easily distinguished from other Diptera by their thickened raptorial mid-legs in which they hold their prey which consists of small insects, usually Diptera.

Platypalpus is cosmopolitan in distribution and actually more than 200 species are known from Europe. In the past, identification was very difficult and remained dubious but is now eased a lot on one hand by the works of J. COLLIN (1926, 1961) covering the fauna of Great-Britain and who re-examined also most type material and on the other hand by the works of M. CHVÁLA (1971, 1973, 1974, 1975a, 1975b), especially his recent monograph on the fauna of Fennoscandia and Denmark (1975). However, the Central European elements of the Belgian fauna remain difficult to identify since the descriptions are not present in the reviews of J. COLLIN (1961) and M. CHVÁLA (1975).

Actually the occurrence and diversity of *Platypalpus* is poorly known in Belgium. F. MEUNIER (1898) was the first author who reported two species from Brussels. In 1905 J. JACOBS published a list of 16 species from several localities all over Belgium. Further records were made by A. LAMEERE (1907), R. LERUTH (1939), M. GOETGHEBUER (1931, 1943), P. MARÉCHAL (1932), P. MARÉCHAL and F. DARIMONT (1936) and M. LECLERCQ (1945).

The present paper is limited to an enumeration of the species and their occurrence in Belgium. Although 58 species are found, of which 31 are new for our fauna, the paper must still be considered as a preliminary report since still more species are expected and thorough sampling of the different geographical regions is needed to establish representative distribution patterns of the species.

MATERIAL AND METHODS

Almost all material mentioned in the species list is present in the collection of the I. R. S. N. B. These are the collections of J. JACOBS (1890-1910), A. TONNOIR (1916-1917), M. GOETGHEBUER (1912-1944), R. TOLLET (1940-1950) and M. BEQUAERT (1936-1963). Especially the collection of the late Dr. M. BEQUAERT contained several new species for our fauna. In addition A. MICHIELS kindly loaned his material for study. All specimens of these collections were reidentified using the revisions of J. COLLIN (1961) and M. CHVÁLA (1975). The material collected in 1980 by P. DESSART at Ottignies with a Malaise-trap (see C. FASSOTTE and P. GROOTAERT, 1981) and by myself are preserved in alcohol while the other specimens are mounted dry. In the list of the localities the names of M. BEQUAERT and M. GOETGHEBUER are respectively abbreviated as B and G.

OBSERVATIONS

Platypalpus agilis (MEIGEN, 1822)

Tachydromia agilis MEIGEN, 1822.

Platypalpus dubius WALKER, 1851.

Tachydromia agilis var. *hybrida* FREY, 1907.

Coryneta maculipes-nigrosetosa STROBL.

Brabant : Brussel, spring 1961, 1 ♂ (A. TONNOIR).

Hainaut : Onoz-Spy, 14-V-1942, 1 ♀, 1 ♂ (R. TOLLET).

Liège : Baraque Fraiture, 1-VI-1955, 7 ♀ (A. COLLART).

Luxembourg : Buzenol, 16-V-1937, 1 ♂ (B).

Namur : Senzeilles, 12-V-1950, 1 ♂ (R. TOLLET).

Oost-Vlaanderen : Destelbergen, 19-V-1936, 2 ♀; 16-V-1943, 1 ♀, 1 ♂; 22-V-1947, 6 ♀; 17-V-1958, 1 ♀ (B); Melle, 2-VI-1941, 1 ♂ (B); Destelbergen, 16-V-1920, 1 ♀, 1 ♂; 22-V-1921, 6 ♀, 3 ♂ (G); Heusden, 24-V-1921, 4 ♀; 23-V-1929, 2 ♂; 4-V-1944, 1 ♂ (G); Gent, 4-V-1929, 1 ♀ (G).

West-Vlaanderen : St. Jans-in-Eremo, 17-V-1958, 1 ♂ (B); Leisele, 22-V-1934, 2 ♀ (G).

A spring species, very common all over Europe.

Platypalpus albicornis (ZETTERSTEDT, 1842)

Tachydromia albicornis ZETTERSTEDT, 1842.

Oost-Vlaanderen : Doel, 23-VI-1958, 1 ♀, 1 ♂ (B).

West-Vlaanderen : Blankenberge, 10-VII-1957, 1 ♂, 16-VI-1958, 1 ♂ (B); Knokke, 15-VII-1947, 1 ♀ (B); Zeebrugge, 3-VII-1955, 1 ♀ (B).

In Belgium apparently only present near the coast (Doel is at the estuary of the river Schelde).

Platypalpus albifacies (COLLIN, 1926)

Oost-Vlaanderen : Melle, 10-VI-1938, 1 ♂ (coll. M. BEQUAERT under *T. minuta* MEIGEN).

According to CHVÁLA (1975) this species is common in Central Europe.

Platypalpus albisetia (PANZER, 1806)

Tachydromia albisetia PANZER, 1806.

Tachydromia castanipes MEIGEN, 1822.

Tachydromia vivida MEIGEN, 1838.

Tachydromia fuscimana ZETTERSTEDT, 1842.

Brabant : Grasdelle, 20-VI-1917, 1 ♀ (A. TONNOIR).

Luxembourg : Torgny, 16-VII-1951, 1 ♀ (B).

Namur : Falaen, 24-VII-1947, 1 ♀ (B).

West-Vlaanderen : De Panne, 8-VIII-1928, 1 ♀, 1 ♂ (G); Knokke, 2-VII-1947, 1 ♂ (B); Knokke, 20-VII-1947, 1 ♀ (B).

Platypalpus albocapillatus (FALLÉN, 1815)

Tachydromia albo-capillata FALLÉN, 1815.

West-Vlaanderen : Knokke, 18-VI-1947, 1 ♂; 10-VIII-1947, 1 ♂ (B).

Known as a mainly coastal species.

Platypalpus analis (MEIGEN, 1830)

Tachydromia analis MEIGEN, 1830.

Tachydromia varia WALKER; LUNDBECK, 1910.

- Brabant : Genval, 6-VII-1917, 1 ♀ (A. TONNOIR under *T. varia*).
 Oost-Vlaanderen : Merelbeke, 9-VII-1944, 1 ♀ (B); Oostakker, 5-VII-1945, 1 ♀ (B).
 West-Vlaanderen : Nukerke, 8-VII-1944, 3 ♀ (G under *T. varia*); St. Jansin-Eremo, 5-VII-1956, 1 ♂ (B)

As can be seen there are yet no records from high Belgium.

Platypalpus annulatus (FALLÉN, 1815)

Tachydromia annulata FALLÉN, 1815.

Tachydromia fascipes MEIGEN, 1822.

Tachydromia fulvipes MEIGEN, 1822.

Antwerpen : Lichtaart, 8-VIII-1978, 1 ♀ (A. MICHIELS).

Brabant : Erps-Kwerps, 27-VI-1976, 1 ♀ (A. MICHIELS).

Luxembourg : Torgny, 2-VII-1924, 1 ♀.

Oost-Vlaanderen : Destelbergen, 9-VII-1940, 1 ♀; 10-V-1942, 1 ♀; 12-V-1943, 1 ♀; 22-V-1947, 1 ♀, 3 ♂ (B); 16-VI-1924, 2 ♂ (G), 24-VII-1931, 1 ♀ (G under *T. fulvipes* MEIGEN); Heusden, 18-V-1931, 1 ♂; 21-V-1936, 1 ♀, 3 ♂ (B); Gent, 2-VII-1911, 1 ♀ (G under *T. fulvipes*).

West-Vlaanderen : Knokke, 18-IX-1920, 1 ♂ (G under *T. fulvipes*).

Platypalpus annulipes (MEIGEN, 1822)

Tachydromia annulipes MEIGEN, 1822.

Tachydromia infuscata MEIGEN, 1822.

Tachydromia coxata ZETTERSTEDT, 1842.

Brabant : Genval, 3-VII-1917, 1 ♂ (A. TONNOIR).

Luxembourg : Torgny, 2-VII-1980, 3 ♀, 2 ♂; Ethe, 1/3-VII-1980, 1 ♀.

Platypalpus aristatus (COLLIN, 1926)

Tachydromia aristata COLLIN, 1926.

Hainaut : Ellezelles, 14-V-1961, 1 ♀ (B).

Liège : Moha, 14-VII-1980, 1 ♀ (R. DETRY).

Namur : Pétigny, 25-V-1980, 1 ♂.

Untill now this species was only known from Great-Britain.

Platypalpus articulatus MACQUART, 1827

Tachydromia maculimana ZETTERSTEDT, 1842.

Brabant : Genval, 6-VII-1917, 1 ♂ (A. TONNOIR); Ottignies, 15/18-VIII-1980, 1 ♀; Jette, 1-VIII-1978, 1 ♀ (A. MICHIELS).

Oost-Vlaanderen : Heusden, 9-VI-1933, 2 ♂ (G).

Platypalpus articulatoides (FREY, 1918)

Tachydromia articulatoides FREY, 1918.

Oost-Vlaanderen : Destelbergen, 22-VII-1940, 1 ♀; 2-VIII-1940, 1 ♀; 1-VIII-1960, 1 ♀ (B); Gent, 12-VII-1955, 1 ♂ (B); Heusden, 21-VI-1944, 1 ♂ (B).

West-Vlaanderen : Westcapelle, 3-VI-1939, 1 ♂ (G under *Tachydromia calceata*).

Rare all over Europe and not yet reported from Great-Britain.

Platypalpus aurantiacus (COLLIN, 1926)

Tachydromia aurantiaca COLLIN, 1926.

Luxembourg : Buzenol, 16-V-1939, 2 ♀ (B).

Untill now this species was also only known from Great-Britain. The male genitalia have been described by SMITH & CHVÁLA (1976).

Platypalpus ? boreoalpinus FREY, 1943

Antwerpen : Puurs, VI-1879, 1 ♀ (J. JACOBS).

It is difficult to decide whether this damaged female (legs lost) is an *alpinus* CHVÁLA or a *boreoalpinus* FREY.

Platypalpus calcaratus (COLLIN, 1926)

Luxembourg : Wellin, 9/11-VII-1935, 1 ♀ (G as *T. thoracica*).

Due to a morphological difference the name *P. calcaratus* (COLLIN) is retained here although CHVÁLA (1975) synonymized it with *P. pseudociliaris* (STROBL). The female fits very well to the description given by

COLLIN (1961) : short yellowish antennae, polished frons, very thickened middle femora with typical arrangement of the spines (COLLIN, 1961 : Fig. 51) but the sternopleuron, hypopleuron and pteropleuron are polished so that only proto and mesopleuron are dusted. Further study is required.

Platypalpus calceatus (MEIGEN, 1822)

Tachydromia calceata MEIGEN, 1822.

Brabant : Ottignies, 18-VIII-1980, 1 ♂; 23/28-VIII, 1 ♀; 6/12-IX-1980, 1 ♀; 20/27-IX-1980, 1 ♀; Genval, 6-VIII-1917, 4 ♀ (A. TONNOIR).
Luxembourg : Daverdisse, 21-VIII-1976, 1 ♀, 1 ♂ (A. MICHIELS); Torgny, 2-VII-1980, 2 ♀.
Oost-Vlaanderen : Destelbergen, VII-1942, 1 ♀ (B); 3-VI-1945, 1 ♂ (B); Melle, 13-VII-1938, 1 ♀; Heusden, 23-VI-1946, 1 ♂ (B).

Platypalpus candicans (FALLÉN, 1815)

Tachydromia candicans FALLÉN, 1815.

Tachydromia ventralis MEIGEN, 1822.

Platypalpus varius WALKER, 1851.

Tachydromia oedicephala STROBL, 1898.

Tachydromia candicans var. *flaviventris* STROBL, 1898.

Brabant : Brussel, spring 1916, 1 ♀; Watermaal, 13-V-1947 (A. TONNOIR); Sterrebeek, VII-1898, 1 ♀ (J. JACOBS); Mousty-Céroux, 30-VIII-1891, 2 ♀ (J. JACOBS under *T. major* ZETT.); Ganshoren, 11-V-1944, 1 ♀ (A. MICHIELS).
Luxembourg : Steinbach, VIII-1902, 1 ♀ (A. GUILLIAUME); St-Hubert, 12-VIII-1925, 3 ♀ (G).
Oost-Vlaanderen : Destelbergen, 22-V-1921, 3 ♀ (G); 22-VII-1940, 1 ♀; 12-V-1943, 1 ♀; 3-VI-1945, 1 ♀; 4-VIII-1961, 1 ♀; 31-V-1945, 1 ♀ (B); (Patijntje), 16-VI-1965, 1 ♀; Gent, 21-VII-1958, 1 ♀ (B); Overmere, 5-VIII-1939, 1 ♀; 5-VII-1939, 1 ♀ (B); Gent 2-VII-1911, 1 ♀ (G); Heusden, 14-V-1912, 1 ♀; 24-V-1921, 6 ♀; 18-VI-1931, 1 ♀ (G); Drongen, 17-VI-1920, 1 ♀ (G).

Platypalpus ciliaris (FALLÉN, 1816)

Tachydromia ciliaris FALLÉN, 1815.

Platypalpus compungens WALKER, 1851.

En
in

- Brabant : Forêt de Soignes, 8-VII-1917 (A. TONNOIR); Ottignies, 25-X-1980, 1 ♀.
 Hainaut : Ellezelles, 1-VII-1956, 1 ♀, 2 ♂ (B).
 Liège : Hockai, 14-VII-1919, 1 ♀ (B); Modave, 7-VIII-1919, 1 ♂ (G).
 Luxembourg : La Roche, 22-VI-1961, 1 ♂ (B); Herbeumont, 26-VI-1952, 1 ♂ (B); Ethe, 4-IX-1980, 1 ♀.
 Oost-Vlaanderen : Deurle, 16-VI-1955, 2 ♂ (B); Melle, 13/16-VI-1947, 2 ♂ (B).

Platypalpus clarandus (COLLIN, 1926)

Tachydromia claranda COLLIN, 1926.

- Antwerpen : Heide, 8-VII-1924, 1 ♀ (G).
 Brabant : Ganshoren, 12-VII-1978, 1 ♂ (A. MICHIELS).
 Oost-Vlaanderen : Melle, 3-VI-1920, 1 ♀ (G).

Platypalpus coarctatus (COLLIN, 1926)

Tachydromia coarctata COLLIN, 1926.

Tachydromia flavipes var. *pseudofulvipes* FREY, 1909 (partim).

- Brabant : Ganshoren, 26-VII-1975, 1 ♂; 11-V-1944, 1 ♂; Groenendaal, 12-VII-1975, 1 ♀; Erps-Kwerps, 6-VII-1975, 1 ♂; 27-VI-1976, 1 ♀ (A. MICHIELS); Groenendaal, 31-V-1917, 1 ♂ (A. TONNOIR under *T. flavipes* MEIGEN); Wemmel, 4-VI-1917, 2 ♀, 2 ♂ (A. TONNOIR *T. flavipes* MEIGEN).

Platypalpus cothurnatus MACQUART, 1827

Tachydromia socculata ZETTERSTEDT, 1838.

- Namur : Furfooz, 22-V-1955, 1 ♀ (B).

According to CHVÁLA, *P. cothurnatus* is widespread in Europe but never common.

Platypalpus cryptospina (FREY, 1909)

Tachydromia cryptospina FREY, 1909.

Tachydromia tantula COLLIN, 1926.

- Luxembourg : Ethe (Vallée du Rabais), 30-VI-1980, 1 ♀, 1 ♂.

Platypalpus cursitans (FABRICIUS, 1775)

Musca cursitans FABRICIUS, 1775.

Tachydromia bicolor MEIGEN, 1804.

Tachydromia cursitans var. *denominata* FREY, 1907.

Antwerpen : Kalmthout, IX-1879, 1 ♀; 1-VI-1884, 1 ♀ (J. JACOBS).

Brabant : Brussel, spring 1916, 1 ♀ (A. TONNOIR); Ottignies, 15/18-VIII-1980, 2 ♀; 6/12-IX-1980, 1 ♀; 20/27-IX-1980, 1 ♀.

Liège : Fléron, 22-V-1894, 1 ♀ (L. COUCKE).

Luxembourg : St-Hubert; 6-VIII-1925, 1 ♂ (G under *T. candicans*); La Roche, 10-IV(?) -1883 (J. JACOBS).

Oost-Vlaanderen : Destelbergen, 22-V-1947, 1 ♀; 31-V-1947, 1 ♀ (B).

Platypalpus divisus WALKER, 1851

Luxembourg : Ethe (Vallée du Rabais), 30-VI-1980, 1 ♂.

Previously only known from Great-Britain.

Platypalpus excisus (BECKER, 1907)

Tachydromia excisa BECKER, 1907 (nec BECKER, 1908).

West-Vlaanderen : Knokke (Zwin), 27-V-1951, 1 ♀, 1 ♂ (B under *T. nigritarsis* FALLÉN).

The male is easily recognisable with its curved posterior tibia together with the ventral excision in the middle. The female is difficult to distinguish from *P. nigritarsis* females.

Platypalpus exilis (MEIGEN, 1822)

Tachydromia exilis MEIGEN, 1822.

Platypalpus flavipennis WALKER, 1851.

Tachydromia exilis var. *nigroterminata* STROBL, 1910.

Brabant : Jette (Laarbeekbos), 25-V-1977, 1 ♀ (A. MICHIELS).

Liège : Hockai, no date, 2 ♀ (J. JACOBS).

Luxembourg : Croix-Rouge, 18-VII-1951, 1 ♂ (B); Durbuy, 16-VI-1962, 2 ♀ (B); Torgny, 3-VII-1980, 2 ♀.

Platypalpus flavicornis (MEIGEN, 1822)

Tachydromia flavicornis MEIGEN, 1822.

Brabant : Ottignies, 18-VIII-1980, 1 ♀.

Liège : Hockai, 16-IX-1932, 1 ♂ (G).

Oost-Vlaanderen : Gent, 12-VII-1955, 1 ♂ (B).

West-Vlaanderen : Oostkerke, 4-VI-1935, 1 ♀, 1 ♂ (G); Westende;
23-VII-1980, 1 ♀ (A. MICHIELS).

Platypalpus interstinctus (COLLIN, 1926)

Tachydromia flavipes var. *pseudofulvipes* FREY, 1909.

Tachydromia interstincta COLLIN, 1926.

Brabant : Ottignies, frequent 15-VIII till 4-X-1980; Genval, 15-VII-1917,
2 ♂; St-Job, 16-VI-1917, 1 ♂ (A. TONNOIR under *T. flavipes*
FABRICIUS).

Platypalpus laticinctus WALKER, 1851

Tachydromia cursitans FABRICIUS; LUNDBECK, 1910.

Tachydromia candicans FALLÉN; LUNDBECK, 1910.

Antwerpen : Kapelle, VI-1875, 1 ♀; VI-1878, 1 ♂ (J. JACOBS).

Liège : Clavier, 18-V-1942, 1 ♀ (R. TOLLET).

Luxembourg : Buzenol, 16-V-1937, 1 ♀, 1 ♂ (B); Ethe (Vallée du Rabais),
30-VI-1980, 3 ♀.

Namur : Rochefort, 24-VI-1955, 1 ♀ (B).

Platypalpus leucocephalus (VON ROSER, 1840)

Tachydromia leucocephala VON ROSER, 1840.

Luxembourg : Torgny, 2-VII-1980, 1 ♀.

Oost-Vlaanderen : Gent, 16-VI-1963, 1 ♂ (B).

Platypalpus leucothrix (STROBL, 1910)

Luxembourg : Torgny, 13-VII-1948, 1 ♀ (B); 16-V-1951, 1 ♀ (B);
Virton, 17-VII-1949, 1 ♀ (B).

Namur : Falaën, 2-VIII-1943, 1 ♂ (B).

Platypalpus longicornis (MEIGEN, 1822)

Tachydromia longicornis MEIGEN, 1822.

Tachydromia pubicornis ZETTERSTEDT, 1838.

Antwerpen : Puurs, VIII-1878, 2 ♀ (J. JACOBS).

Brabant : Ganshoren, 21-V-1976, 1 ♀; 12-V-1980, 1 ♀ (A. MICHIELS);

Ottignies, very frequent 23-VIII till 25-X-1980.

Hainaut : Louise-Marie, 14-V-1947, 1 ♂ (B).

Liège : Lorzée, 24-VIII-1958, 1 ♀ (B); Hockai, 18-VI-1932, 1 ♀ (B).

Limburg : As, 20-V-1980, 1 ♀.

Oost-Vlaanderen : Heusden, 16-V-1929, 1 ♀, 1 ♂ (G), 4-V-1944, 1 ♀ (G); 24-V-1921, 1 ♂ (G); Destelbergen, 17-V-1944, 4 ♀, 2 ♂; 11-IX-1946, 1 ♂; 15-X-1947, 1 ♀, 1 ♂; 10-VIII-1958, 1 ♂; 26-V-1936, 1 ♀, 1 ♂ (B); Gent, 4-V-1911, 1 ♂; 3-V-1912, 1 ♂; 9-V-1912, 1 ♂ (G); 16-VI-1955, 1 ♂; 3-V-1965, 1 ♂ (B); Laarne, 14-VIII-1961, 1 ♀ (B); Aalter, 26-VIII-1961, 1 ♀ (B); Melle, 7-IX-1947, 1 ♀, 1 ♀ (B).

West-Vlaanderen : Knokke, IX-1921, 2 ♂ (G); Leisele, 22-V-1932, 1 ♀ (G); De Panne, 1/18-IX-1932, 1 ♀, 1 ♂ (G); Zeebrugge, 21-V-1936, 1 ♀ (B); Brugge (Maele), 14-IX-1958, 1 ♂ (B).

Platypalpus longiseta (ZETTERSTEDT, 1842)

Tachydromia longiseta ZETTERSTEDT, 1842.

Tachydromia extricata COLLIN, 1926.

Brabant : Jette, 29-VII-1978, 1 ♀ (A. MICHIELS); Ottignies, 18-VII-1980, 1 ♀.

Luxembourg : Torgny, 2-VII-1980, 1 ♀, 1 ♂.

Oost-Vlaanderen : St. Jans-in-Eremo, 6-VIII-1961, 1 ♀ (B); Gent, 3-VIII-1961, 1 ♂ (B).

West-Vlaanderen : Westkapelle, 29-V-1939, 1 ♂ (G as *T. pallidiventris* MEIGEN).

Platypalpus luteolus (COLLIN, 1926)

Tachydromia luteola COLLIN, 1926.

Luxembourg : Torgny, 2-VII-1980, 5 ♀, 1 ♂; Ethe (Buzenol), 1-VII-1980, 1 ♂.

Namur : Falmignoul (Rav. du Colibri), 9-VII-1943, 1 ♀ (A. COLLART).

Previously only known from Great-Britain.

Platypalpus luteus (MEIGEN, 1804)

Tachydromia lutea MEIGEN, 1804.

Tachydromia glabra MEIGEN, 1822.

Tachydromia pallida MEIGEN, 1822.

Platypalpus formalis WALKER, 1851.

Brabant : La Cambre, 12-VII-1898, 1 ♀ (A. TONNOIR); Genval, 26-VI-1917, 1 ♀, 1 ♂ (R. TOLLET).

Hainaut : Ellezelles, 8-VIII-1959, 4 ♀, 1 ♂ (B).

Liège : Nonceveux, 6-VII-1947, 1 ♀ (B); Ouzo-Moûpas, 23-VI-1950, 1 ♀; 1 ♂ (R. TOLLET).

Luxembourg : Mirwart, 14-VI-1946, 1 ♀, 1 ♂ (B); La Roche, 22-VI-1961, 1 ♀ (B).

Oost-Vlaanderen : Munte; 27-VI-1927, 1 ♀, 1 ♂ (G); 25-VI-1931, 2 ♂ (G); Aalter, 19-VII-1958, 1 ♀ (B); Destelbergen, VII-1942, 1 ♀ (B); Melle, 10-VII-1921, 1 ♀ (G); 20-VI-1943, 1 ♂; 2-VII-1944, 1 ♀ (B); Heusden, 11-VI-1944, 1 ♀ (B).

Platypalpus maculipes (MEIGEN, 1822)

Tachydromia maculipes MEIGEN, 1822.

Antwerpen : Lichtaart, 8-VIII-1978, 1 ♂ (A. MICHIELS).

Brabant : Audergem, 19-IX-1917, 1 ♀ (A. TONNOIR); Ottignies very frequent from 23-VIII-1980 till 23-XI-1980 peaks 4/11-X-1980, 13 ♀, 1 ♂, 17/25-X-1980, 20 ♀; 25-X/1-XI-1980, 21 ♀, 1 ♂.

Luxembourg : Ethe, 2-IX-1980, 1 ♀, 1 ♂.

Oost-Vlaanderen : Destelbergen, 26-VIII-1940, 1 ♀, 2 ♂ (B); 3-IX-1941, 1 ♂; 6-X-1943, 1 ♀; 12-IX-1947, 1 ♀, 1 ♂; 12-X-1947, 1 ♀, 1 ♂; 12-X-1947, 1 ♀ (B under *T. cothurnata*); Heusden, 18-IX-1940, 1 ♀, 1 ♂; 16-X-1940, 1 ♀; 16-X-1949, 1 ♀ (B); Munte, IX-1941, 1 ♀ (B); Oostakker, 2-IX-1949, 1 ♀; 28-X-1945, 1 ♀ (B); Overmere, 27-VIII-1936, 1 ♂ (B); Afsnee, 6-IX-1939, 2 ♀, 2 ♂ (B); Deurle, 14-IX-1940, 2 ♂ (B).

West-Vlaanderen : Maele (Brugge), 14-IX-1948, 1 ♂ (B).

Platypalpus major (ZETTERSTEDT, 1842)

Tachydromia major ZETTERSTEDT, 1842.

Tachydromia major var. *minor* STROBL, 1899.

Liège : Sy, 24-VI-1933, 1 ♀ (G); Hockai, 6-VII-1923, 1 ♀ (G); Pepinster, 13-VII-1949, 3 ♀ (R. TOLLET).

Luxembourg : Ozo (Izier), 26-V-1970, 1 ♀ (R. DETRY); Falaën, 1-VI-1921, 1 ♀ (G); Virton, 26-VI-1912, 2 ♀ (G); Durbuy, 18-VI-1962, 2 ♀ (B); Torgny, 2-VII-1980, 2 ♀.

Namur : Han-sur-Lesse, 23-VI-1962, 1 ♀ (B); Houyet, 6-VII-1928, 1 ♀ (G).

Platypalpus minutus (MEIGEN, 1804)

Tachydromia minuta MEIGEN, 1804.

Tachydromia exigua MEIGEN, 1822.

Tachydromia pygmaea MACQUART, 1823.

Antwerpen : Lichtaart, 8-VIII-1978, 1 ♂; Zoersel, 4-VIII-1974, 2 ♀ (A. MICHIELS); Postel, 13-VIII-1958, 1 ♀ (B).

Brabant : Rouge-Cloître, 23-VII-1920, 1 ♂ (G), Linkebeek, 22-V-1921, 1 ♀ (G); Ganshoren, 7-VII-1977, 1 ♀; 7-VI-1979, 1 ♀ (A. MICHIELS); Genval, 9-VIII-1885 (J. JACOBS under *T. exigua* MEIGEN); 14.VII-1917 (A. TONNOIR); Wemmel, no date, 1 ♀ (A. TONNOIR); Brussel, no date, 2 ♀ (A. TONNOIR); Hoegaarden, 26-IX-1945, 1 ♀ (B); Ottignies, 6/12-IX-1980, 1 ♀; 20/27-IX-1980, 4 ♀; Neerhespen, 25-IV-1945, 1 ♀, 2 ♂ (A. MICHIELS).

Hainaut : Ellezelles : 10-VII-1955, 1 ♀ (B); Louise-Marie, 14-V-1947, 1 ♂ (B).

Liège : Hockai, 2-VI-1929, 3 ♀ (G); Filot, 13-VI-1943 (A. MICHIELS).

Limburg : Lommel, 11-VI-1958, 1 ♀ (B).

Luxembourg : Torgny, 3-IX-1980, 5 ♀, 3 ♂.

Namur : Frasnes, 30-VIII-1936, 1 ♀ (B).

Oost-Vlaanderen : Aalter, 19-V-1958, 1 ♂ (B); Destelbergen, 26-VIII-1945, 1 ♀ (B); 8-VI-1947, 1 ♀ (B); Gent, 8-V-1911, 1 ♂ (G); 19-VI-1911, 1 ♀ (G); 16-VI-1963, 1 ♀ (B); Melle, 2-VI-1941, 1 ♀ (B); 16-VI-1942, 1 ♂ (B); Munte, 3-VI-1937, 1 ♀, 1 ♂ (B); Assenede, 8-IX-1948, 1 ♂ (B).

West-Vlaanderen : De Panne, VI-1892, 1 ♀, 1 ♂ (J. JACOBS); 1/18-IX-1932, 1 ♂ (G); Wenduine, 1-X-1980, 1 ♂ (B); Nieuwpoort, 7-IX-1941, 1 ♂; 7-V-1946, 1 ♂ (B); Westkapelle, 19-V-1939, 2 ♂ (B); Blankenberge, 28-IX-1958, 1 ♀ (B); Zeebrugge, 9-V-1944, 1 ♀ (B); Knokke, 18-IX-1938, 1 ♀; 28-V-1948, 1 ♀ (B); Maale (Brugge), 14-IX-1958, 1 ♂ (B); Terdonk, 25-VIII-1961, 1 ♀ (B); Nukerke, 12-VI-1932, 1 ♂ (B).

As can be seen this species is very common and reported from all the provinces in Belgium. Widespread and common all over Europe.

Platypalpus nanus (OLDENBERG, 1924)

Tachydromia nana OLDENBERG, 1924.

Oost-Vlaanderen : Doel, 5-VI-1955, 1 ♀, 3 ♂ (B).

Platypalpus niger (MEIGEN, 1804)

Tachydromia nigra MEIGEN, 1804.

Tachydromia geniculata FALLÉN, 1815.

Tachydromia femoralis ZETTERSTEDT, 1842.

Tachydromia exigua MEIGEN, LUNDBECK, 1910.

Platypalpus doormani THEOWALD, 1962.

Antwerpen : Zoersel, 1-VIII-1979, 1 ♀ (A. MICHIELS).

Brabant : Genval, 29-VI-1917, 6 ♀; 6-VII-1917, 5 ♀ (A. TONNOIR under *T. exigua* MEIGEN); Ganshoren, 26-VII-1975, 1 ♀; 18-VIII-1976, 3 ♀; 24-VII-1978, 1 ♂ (A. MICHIELS); Ottignies, 18-VIII-1980, 5 ♀; 23/28-VIII-1980, 3 ♀; 6/12-IX-1980, 5 ♀, 1 ♂; 20/27-IX-1980, 2 ♀; 27-IX/11-X-1980, 2 ♀.

Liège : Visé, 17-VII-1938, 1 ♀ (B).

Oost-Vlaanderen : St-Martens-Latem, 23-VII-1980, 3 ♀, 1 ♂; Gent, 13-VI-1951, 1 ♀ (B); 26-VI-1958, 1 ♀; 21-VII-1958, 1 ♀; 3-VII-1961, 1 ♀; Melle, 24-VII-1942, 1 ♂ (B); Merelbeke, 9-VII-1944, 1 ♀ (B); Destelbergen, 1-VIII-1961, 1 ♀; 18-VI-1945, 1 ♀ (B); Wachtebeke, 8-VII-1945, 1 ♀; 18-VII-1945, 1 ♀ (B); Oostakker, 8-VII-1945, 1 ♀ (B); Waarschoot, 21-VI-1938, 1 ♂ (B).

Platypalpus nigritarsis (FALLÉN, 1816)

Tachydromia nigritarsis FALLÉN, 1816.

Platypalpus comptus WALKER, 1837.

Brabant : Ottignies, 19/23-VIII-1980, 1 ♀.

Liège : Bullange, 8-VI-1927, 1 ♀ (G. SEVERIN); Hockai, 2-VII-1920, 1 ♂ (G).

Luxembourg : St-Hubert, 11-VIII-1925, 1 ♀ (G); Chiny, 15-VIII-1945, 1 ♂ (B).

Oost-Vlaanderen : Deurle, 14-IX-1936, 1 ♀, 1 ♂ (B); Heusden, 12-IX-1942, 1 ♂ (B); Doel, 5-VI-1955, 1 ♀ (B).

West-Vlaanderen : Knokke (duinen), 12-X-1947, 2 ♀; 3-IX-1947, 1 ♀ (B).

Platypalpus niveiseta (ZETTERSTEDT, 1842)

Tachydromia niveiseta ZETTERSTEDT, 1842.

Tachydromia albiseta var. *brunnipes* STROBL.

Antwerpen : Willebroek, 8-VIII-1878, 1 ♀ (J. JACOBS under *T. albiseta* MEIGEN).

Platypalpus notatus (MEIGEN, 1822)

Tachydromia notata MEIGEN, 1822.

Brabant : Ottignies, 19/23-VIII-1980, 2 ♀ ; 20/27-IX-1980, 2 ♀ ; 4/18-X-1980, 2 ♀ ; 17/25-X-1980, 4 ♀ ; 25-X/1-XI-1980, 2 ♀ .

Liège : Hockai, 2-VII-1920, 1 ♂ (G); Sy, 24-VI-1933(1 ♂ (G under *T. fulvipes* MEIGEN).

Namur : Falaën, 2-VII-1943, 1 ♂ (B under *T. strigifrons*).

Oost-Vlaanderen : Gent, 2-VII-1911, 1 ♀ , 1 ♂ ; Waarschoot, 14-VI-1931, 1 ♂ (G).

West-Vlaanderen : Knokke, 9-IX-1931, 1 ♀ (G).

Platypalpus obscurus (VON ROSER, 1840)

Luxembourg : Torgny, 10-VII-1948, 1 ♂ (B).

Not yet reported from Great-Britain nor Fennoscandia and Denmark.

Platypalpus optivus (COLLIN, 1926)

Tachydromia optiva COLLIN, 1926.

Brabant : Ottignies, 19/23-VIII-1980, 1 ♀ .

Luxembourg : Torgny, 21-VII-1951, 1 ♂ (B).

Platypalpus pallidicornis (COLLIN, 1926)

Tachydromia pallidicornis COLLIN, 1926.

West-Vlaanderen : Knokke (duinen), 5-VII-1936, 1 ♂ (B); St-Jans-in-Eremo, 18-VI-1958, 1 ♂ (B under *T. major* ZETTERSTEDT).

Platypalpus pallidiventris (MEIGEN, 1822)

Empis flavipes FABRICIUS, 1794.

Tachydromia pallidiventris MEIGEN, 1822.

Tachydromia dichroa MEIGEN, 1822.

Platypalpus robustus WALKER, 1837.

Antwerpen : Brasschaat, VII-1882, 2 ♀ (J. JACOBS under *T. bicolor* MEIGEN).

Brabant : Mousty, 30-VIII-1892, 1 ♀ (J. JACOBS under *T. infuscata* MEIGEN); Wommel, 4-VI-1917 (A. TONNOIR); Ganshoren, 26-VII-

1975, 3 ♀; 21-VIII-1978, 1 ♀ (A. MICHIELS); Jette, 13-VII-1978, 1 ♂ (A. MICHIELS); Ottignies, from 15-VIII to 27-IX-1980 ♀ and ♂ frequently.

Liège : Malmédy, 24-VIII-1930, 1 ♂ (G); Hockai, no date, 1 ♂ (B).
Luxembourg : Torgny, VII-1939, 1 ♀, 1 ♂ (B); 2-VII-1980, 2 ♀, 1 ♂; 3-IX-1980, 2 ♀.

Namur : Frasnés, 3-VIII-1936, 1 ♂ (B).

Oost-Vlaanderen : St-Martens-Latem, 23-VII-1980, 3 ♀; Bachte-Maria-Lerne, 9-IX-1936, 1 ♀ (B); Deurle, 28-VII-1936, 1 ♀ (B); Afsnee, 16-IX-1939, 1 ♀ (B); Gent, 12-IX-1911, 1 ♀ (G); 27-VII-1938, 1 ♂ (B); 8-VIII-1947, 1 ♂ (B); 12-VII-1955, 1 ♂ (B); Ronse, 1-VIII-1920, 1 ♀ (G); Munte, 25-VI-1930, 1 ♂ (G).

West-Vlaanderen : De Panne, 1/18-IX-1932, 1 ♀ (G); Nukerke, 12-VI-1932, 1 ♀, 1 ♂ (G); Westende, 14-VIII-1979, 1 ♀, 1 ♂; 21-IX-1980, 1 ♀; 23-VII-1980, 1 ♀ (A. MICHIELS); Knokke, 18-IX-1938, 1 ♀ (B); 5-VII-1938, 2 ♀ (B); 25-VIII-1947, 1 ♀ (B); Lissewege, 6-VIII-1958, 1 ♀ (B); Nieuwpoort, 7-VIII-1946, 1 ♀ (B).

A very common species that occurs together with the closely related *P. longiseta* (ZETTERSTEDT) from which it is sometimes difficult to separate.

Platypalpus pallipes (FALLÉN, 1815)

Tachydromia pallipes FALLÉN, 1815.

Tachydromia flavipalpis MEIGEN, 1822.

Liège : Modave, 6-VIII-1924, 1 ♂ (G).

West-Vlaanderen : Knokke, 16-IX-1921, 1 ♂ (G).

Platypalpus pectoralis (FALLÉN, 1815)

Tachydromia pectoralis FALLÉN, 1815.

Tachydromia gilvipes MEIGEN, 1822.

Tachydromia varipes MEIGEN, 1822.

Tachydromia taeniata MEIGEN, 1822.

Tachydromia straminipes ZETTERSTEDT, 1842.

Platypalpus pulchellus WALKER, 1851.

Brabant : Forêt de Soignes, 12-IX-1942, 1 ♂ (R. TOLLET); VIII-1917, 2 ♀, 1 ♂ (A. TONNOIR); 10-IX-1918, 1 ♀ (A. TONNOIR); Genval, VIII-917, 1 ♀, 1 ♂ (A. TONNOIR); Rouge-Cloître, 23-VII-1920, 1 ♂ (G).

- Hainaut : La Houssière, 10-VI-1884, 1 ♀ (J. JACOBS); 19-VI-1955, 1 ♀ ;
10-VII-1955, 1 ♀ ; 17-VII-1959, 2 ♂ ; 13-IX-1959, 2 ♂ (B).
- Liège : Modave, 7-VIII-1924, 2 ♂ (G).
- Luxembourg : Ethe, 4-IX-1980, 2 ♂ ; Virton, 14-VII-1944, 1 ♂ (G);
La Roche, 22-VI-1961, 1 ♀ , 1 ♂ (B); Chiny, 15-VIII-1949, 1 ♂ (B);
Herbeumont, 26-VI-1952, 1 ♀ , 2 ♂ (B).
- Namur : Houyet, 6-VII-1928, 1 ♂ (G); Falaen, 7-VI-1921, 1 ♀ (G);
Han-sur-Lesse, 13-VI-1955, 1 ♂ (B).
- Oost-Vlaanderen : Aalter, 9-VIII-1956, 2 ♀ ; 14-VII-1958, 1 ♀ , 2 ♂ ;
2-IX-1959, 1 ♀ (B); Melle, 1-VIII-1963, 1 ♂ (B); Deurle, 20-VIII-
1937, 2 ♂ (B); St-Martens-Latem, 18-VIII-1920, 3 ♀ , 1 ♂ (G).
- West-Vlaanderen : Knokke, 20-VI-1947, 1 ♂ (B); Waarschoot, 19-VIII-
1947, 1 ♂ (B).

Platypalpus praecinctus (COLLIN, 1926)

Tachydromia praecincta COLLIN, 1926.

- Brabant : Ottignies, 6/12-IX-1980, 2 ♀ ; 27-IX/4-X-1980, 1 ♀ .
West-Vlaanderen : St-Jans-in-Eremo, 6-VIII-1961, 1 ♂ (B).

Previously only known from Great-Britain. On first sight difficult to distinguish from *P. notatus* and *P. infectus*. However, all abdominal segments are dusted anteriorly.

Platypalpus pseudorapidus KOVALEV, 1971

Platypalpus rapidus MEIGEN; FREY, 1943.

- Brabant : Ruisbroek, VI-1878, 1 ♀ , 1 ♂ (J. JACOBS under *T. exigua*).

The specimen in the collection of the I. R. S. N. B. fits entirely to the description given by CHVÁLA (1975) although CHVÁLA considers it as a North-East European species : common in Finland, in European U. S. S. R. (East as far as Ural) and in mountainous areas of Central Europe (Czechoslovakia, Austria).

Platypalpus pulicarius (MEIGEN, 1830)

Tachydromia pulicaria MEIGEN, 1830.

- Luxembourg : Torgny, 2-VII-1980, 1 ♀ .

Platypalpus rapidoides CHVALA, 1975

Brabant : Ottignies, 9-16-V-1981, 2 ♂; 15-22-V-1981; 1 ♂; 23-30-V-1981, 1 ♀; 6-12-VI-1981, 1 ♀.

Platypalpus stabilis (COLLIN, 1961)

Tachydromia stabilis (COLLIN, 1961).

Limburg : Lommel, 11-VI-1958, 1 ♂ (B).

Oost-Vlaanderen : Waarschoot, 22-V-1958, 1 ♂ (B under *T. pallidiventris* MEIGEN).

Although there are only two captures mentioned here, this species is probably more abundant in Belgium. A number of females which could be *P. stabilis* are not enclosed in the list.

Platypalus strigifrons (ZETTERSTEDT, 1849)

Tachydromia strigifrons (ZETTERSTEDT, 1849).

West-Vlaanderen : De Panne, 15-VI-1960, 1 ♀ (B); 8-VIII-1928, 1 ♂; 11-IX-1930, 1 ♀; 1/12-IX-1931, 1 ♀; 1/18-IX-1932, 1 ♀ (G under *T. fulvipes* MEIGEN); Westhoek, 29-VII-1980, 1 ♀; Nieuwpoort, 4-IX-1930, 1 ♂ (G); 15-IX-1973, 2 ♀ (A. MICHIELS); Westende, 24-VIII-1973, 1 ♀ (A. MICHIELS); Zeebrugge, 11-IX-1938, 1 ♀, 1 ♂ (B); Blankenberge; 9-X-1955, 1 ♀, 1 ♂; 26-VIII-1958, 1 ♀ (B); Knokke, 18-IX-1920, 2 ♀; IX-1921, 1 ♀, 1 ♂; 9-IX-1931, 2 ♀ (G); 23-V-1948, 1 ♀ (B); Zwin (Knokke), 20-IX-1936, 1 ♂ (B), 12-VIII-1977, 1 ♀ (A. MICHIELS).

Platypalus sylvicola (COLLIN, 1926)

Tachydromia sylvicola COLLIN, 1926.

Oost-Vlaanderen : Deurle, 6-VI-1944, 1 ♀ (B).

Platypalus verralli (COLLIN, 1926)

Tachydromia verralli COLLIN, 1926.

Brabant : Ganshoren, 24-VII-1978, 1 ♂ (A. MICHIELS); Ottignies, 15/18-VIII-1980, 1 ♀.

Liège : Hockai, 19-VI-1952, 1 ♀ (G under *T. fasciata*).

Luxembourg : Herbeumont, 23-VI-1952, 1 ♀ (B).

Oost-Vlaanderen : Destelbergen, 14-VI-1944, 1 ♂ (B).

The female captured at Ottignies (15/18-VIII-1980) differs from the descriptions given by COLLIN (1961) and CHVÁLA (1975) in that the third antennal segment is yellow (not darkened) with a darkened tip and black arista; the acr are irregularly triserial anteriorly while biserial posteriorly; abdomen yellowish.

DISCUSSION

Actually 58 species of *Platypalpus* are known from Belgium. 31 of them were not previously recorded, including two species new for science which will be described elsewhere. However more species are expected when compared to the fauna of Great-Britain, where 76 species are found until now (J. COLLIN, 1961; K. SMITH & M. CHVÁLA, 1976). Unfortunately no comparison could be made with the surrounding countries (France, The Netherlands and West-Germany) since to my knowledge no recent faunistical studies were made considering the large number of new or redescribed species from the last decades. Species that also can occur in Belgium are : *P. rapidus* (MEIGEN), *P. melancholicus* (COLLIN), *P. mikii* (BECKER), *P. infectus* (COLLIN), *P. aeneus* MACQUART, *P. pallidicoxa* (FREY), *P. nigrisetosus* (STROBL) and *P. pictitarsis* (BECKER). Also a number of boreo-alpine species are expected on the « plateau des Hautes Fagnes » in the East of Belgium.

Due to synonymy following species, mentioned in previous papers disappear from the fauna-list : *Tachydromia bicolor* MEIGEN syn. of *P. ecalceatus* (ZETTERSTEDT) and *P. cursitans* (FABRICIUS); *P. comptus* WALKER syn. of *P. nigritarsis* (FALLÉN); *T. flavipes* MACQUART syn. of *P. pallidiventris* (MEIGEN); *T. infuscata* MEIGEN syn. of *P. annulipes* (MEIGEN); *T. thoracica* LUNDBECK syn. of *P. ruficornis* (VON ROSER); *T. fulvipes* MEIGEN syn. of *P. annulatus* (FALLÉN); *T. varia* WALKER syn. of *P. analis* (MEIGEN); *T. exigua* MEIGEN syn. of *P. minutus* (MEIGEN). *P. unguiculatus* (ZETTERSTEDT) from the collection of J. JACOBS and *P. fasciatus* (MEIGEN) from the collections of J. JACOBS and M. GOETGHEBUER both appeared to be *P. cursitans* (FABRICIUS).

Fig. 1 represents the localities where *Platypalpus* have been captured. As can be seen it covers a somewhat diagonal line from the coast to the South-East of Belgium, crossing through nearly all important geographical and faunistical regions of Belgium. Unfortunately large areas have not been sampled yet or only superficially so that it is still too early to establish maps per species to show their distribution patterns. Areas which need study in the near future are the province West-Vlaanderen

(with exception of the coast), a region known as the 'Vlaamse Ardennen' (South of Gent) and the 'Kempen' (North-East of Belgium). Especially the latter has interesting biotopes.

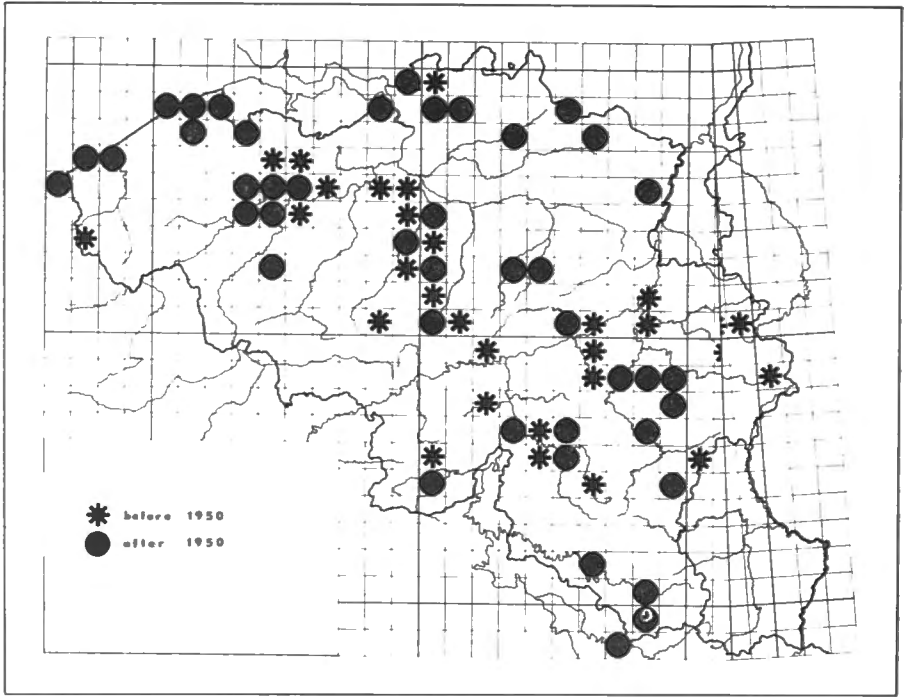


Fig. 1. — Localities where *Platypalpus* have been captured in Belgium.

The flight-periods of *Platypalpus* in Belgium, based on the present study, are summarised in Table I. Earlier literature records, in so far the specimens were not present in the collection of the I. R. S. N. B., were not considered since the older literature does not deal with the recent revisions. Whereas for the large number of rare species the data are far from complete, certain trends can be seen for the more common species. Most species are present from June until late August and are also restricted to that period. True spring-species are *P. agilis*, *P. albicornis* and *P. major*. *P. longicornis* is present throughout the year but with a peak in September (C. FASSOTTE & P. GROOTAERT, 1981). *P. maculipes* reported to occur throughout the year in Fennoscandia and Denmark (M. CHVÁLA, 1975) has its flight-period very late in the year in Belgium with peaks of activity in October at Ottignies (C. FASSOTTE & P. GROOTAERT, l.c.).

As can be seen from the previous paragraphs it is clear that further study of the genus *Platypalpus* is needed in Belgium.

TABLE I

Flight periods of *Platypalpus* in Belgium based upon the present study; the occurrence in Great-Britain (GB), Fennoscandia and Denmark (FD) and Central-Europe (CE) (based on Chvála, 1975). The species marked with an asterisk were not previously recorded from Belgium.

	V	VI	VII	VIII	IX	X	XI	XII	GB	FD	CE
<i>agilis</i> (MEIGEN)	×	×	—	—	—	—	—	—	×	×	×
* <i>albicornis</i> (ZETTERSTEDT)	—	×	×	—	—	—	—	—	×	×	×
* <i>albifacies</i> (COLLIN)	—	×	—	—	—	—	—	—	×	—	×
<i>albiseta</i> (PANZER)	—	×	×	×	—	—	—	—	×	×	×
* <i>albocapillatus</i> (FALLÉN)	—	×	—	×	—	—	—	—	×	×	—
<i>analis</i> (MEIGEN)	—	—	×	—	—	—	—	—	×	×	×
<i>annulatus</i> (MEIGEN)	×	×	×	×	—	—	—	—	×	×	×
<i>annulipes</i> (MEIGEN)	—	—	×	—	—	—	—	—	×	×	×
* <i>aristatus</i> (COLLIN)	×	—	—	—	—	—	—	—	×	—	—
<i>articulatus</i> MACQUART	—	×	×	×	—	—	—	—	×	×	×
* <i>articulatoides</i> (FREY)	—	×	×	×	—	—	—	—	—	×	×
* <i>aurantiacus</i> (COLLIN)	×	—	—	—	—	—	—	—	×	—	—
* <i>boreoalpinus</i> (ZETTERSTEDT)	—	×	—	—	—	—	—	—	—	×	×
* <i>calcaratus</i> (COLLIN)	—	—	×	—	—	—	—	—	×	—	?
<i>calceatus</i> (MEIGEN)	—	—	×	×	×	—	—	—	×	×	×
<i>candicans</i> (FALLÉN)	×	×	×	×	—	—	—	—	×	×	×
<i>ciliaris</i> (FALLÉN)	—	×	×	×	—	×	—	—	×	×	×
<i>clarandus</i> (COLLIN)	—	×	×	—	—	—	—	—	×	×	—

* <i>coarctatus</i> (COLLIN)	×	×	×	—	—	—	—	—	×	×	×
<i>cothurnatus</i> MACQUART	×	—	—	—	—	—	—	—	×	×	×
* <i>cryptospina</i> (FREY)	—	—	×	—	—	—	—	—	×	×	×
<i>cursitans</i> (FABRICIUS)	×	×	×	×	×	—	—	—	×	×	×
* <i>divisus</i> WALKER	—	×	—	—	—	—	—	—	×	—	—
* <i>excisus</i> (BECKER)	×	—	—	—	—	—	—	—	×	×	×
<i>exilis</i> (MEIGEN)	×	×	×	—	—	—	—	—	×	×	×
<i>flavicornis</i> (MEIGEN)	—	×	×	×	—	—	—	—	×	×	×
<i>interstinctus</i> (COLLIN)	—	—	—	×	×	—	—	—	×	×	×
* <i>laticinctus</i> WALKER	×	×	—	—	—	—	—	—	×	×	×
* <i>leucocephalus</i> (von ROSER)	—	×	×	—	—	—	—	—	×	—	?
* <i>leucothrix</i> (STROBL)	—	—	×	×	—	—	—	—	×	—	?
<i>longicornis</i> (MEIGEN)	×	×	×	×	×	×	×	—	×	×	×
* <i>longiseta</i> (ZETTERSTEDT)	×	×	×	×	×	×	—	—	×	×	×
* <i>luteolus</i> (COLLIN)	—	×	×	—	—	—	—	—	×	—	?
<i>luteus</i> (MEIGEN)	—	×	×	×	—	—	—	—	×	×	×
<i>maculipes</i> (MEIGEN)	—	—	—	×	×	×	×	—	×	×	×
<i>major</i> (ZETTERSTEDT)	×	×	×	—	—	×	—	—	×	×	×
<i>minutus</i> (MEIGEN)	×	×	×	×	×	—	—	—	×	×	×
* <i>nanus</i> (OLDENBERG)	—	×	—	—	—	—	—	—	×	—	?
<i>niger</i> (MEIGEN)	—	×	×	×	×	—	—	—	×	×	×
<i>nigritarsis</i> (FALLÉN)	—	×	×	×	×	×	—	—	×	×	×

TABLE I (continued and end)

	V	VI	VII	VIII	IX	X	XI	XII	GB	FD	CE
* <i>niveiseta</i> (ZETTERSTEDT)	—	—	—	×	—	—	—	—	×	×	×
<i>notatus</i> (MEIGEN)	—	×	×	×	×	×	—	—	×	×	×
* <i>obscurus</i> (von ROSER)	—	—	×	—	—	—	—	—	—	—	×
* <i>optimus</i> (COLLĪN)	—	—	×	×	—	—	—	—	×	×	×
* <i>pallidicornis</i> (COLLIN)	—	×	×	—	—	—	—	—	×	×	×
<i>pallidiventris</i> (MEIGEN)	—	×	×	×	×	—	—	—	×	×	×
<i>pallipes</i> (FALLĒN)	—	—	—	×	×	—	—	—	×	×	×
<i>pectoralis</i> (FALLĒN)	—	×	×	×	×	—	—	—	×	×	×
* <i>praecinctus</i> (COLLIN)	—	—	—	—	×	×	—	—	×	—	—
* <i>pseudorapidus</i> KOVALEV	—	×	—	—	—	—	—	—	—	×	×
* <i>pulicarius</i> (MEIGEN)	—	—	×	—	—	—	—	—	×	×	×
* <i>rapidoides</i> CHVÁLA	×	×	—	—	—	—	—	—	×	×	×
* <i>stabilis</i> (COLLIN)	—	×	×	—	—	—	—	—	×	×	×
<i>strigifrons</i> (ZETTERSTEDT)	×	×	×	×	×	×	—	—	×	×	—
* <i>sylvicola</i> (COLLIN)	—	×	—	—	—	—	—	—	×	×	—
* <i>verralli</i> (COLLIN)	—	×	×	×	—	—	—	—	×	×	×

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RESUME

La liste provisoire des espèces du genre *Platypalpus* avec leur répartition en Belgique est donnée. Des 58 espèces citées, 31 n'étaient pas encore signalées de notre pays.

REFERENCES

CHVÁLA, M.

1971. A revision of the Scandinavian *Tachydromiinae* (Dipt., Empididae) described by J. W. ZETTERSTEDT. — *Ent. scand.*, 2, 1-28.
 1973. European species of the *Platypalpus albiseta*-group (Diptera, Empididae). — *Acta ent. bohemoslov.*, 70, 117-136.
 1974. Revision of the palearctic *Platypalpus-nigritarsis*-group (Diptera: Empididae) with special reference to *P. excisus* BECK. — *Acta ent. bohemoslov.*, 71, 250-259.
 1975. Some new or little known species of *Platypalpus* MACQ. (Diptera, Empididae) in the Naturhistorisches Museum, Wien. — *Ann. Naturhistor. Mus. Wien*, 79, 199-222.
 1975. The *Tachydromiinae* (Dipt. Empididae) of Fennoscandia and Denmark. — *Fauna Entomologica Scandinavica*, 3, 336 p.

COLLIN, J. E.

1926. Notes on the Empididae. — *Entomologist's Monthly Mag.*, 62, 146-159.
 1961. British Flies. Empididae. — Cambridge, University Press, 782 p.

ENGEL, E. O.

1956. Subfamilie *Corynetinae* (*Tachydromiinae*) mit *Coryneta* p. 12-118 in LINDNER (Ed.) *Empididae*. Die Fliegen der palaeartischen Region. — Stuttgart. *Schweizerbart'sche Verlagbuchhandlung*.

FASSOTTE, C. & GROOTAERT, P.

1981. Contribution à l'étude de la faune des Diptères capturés en automne au piège Malaise à Ottignies (Belgique, Brabant). — *Bull. Inst. r. Sci. nat. Belg.* 53 (14), 15 p.

GOETGHEBUER, M.

1931. *Empidae* (Diptères) de Belgique. — *Mém. Soc. Ent. Belg.*, 23, 167-176.
 1943. Faunule diptérologique des bois en Flandre. — *Biol. Jaarb.*, 10, 56-70.

JACOBS, J.

1905. Diptères de Belgique IV. — *Mém. Soc. Ent. Belg.*, 12, 1-56.

LAMEERE, A.

1907. Manuel de la faune de Belgique. — Bruxelles, Lamertin, 869 p.

LECLERCQ, M.

- 1944-1945. Flies brought back with the hay from the meadows into the hayloft. — *Entomologist's Mon. Mag.*, 80, 140.

LERUTH, R.

1939. La biologie du domaine souterrain et la faune cavernicole de la Belgique. — *Mém. Mus. roy. Hist. nat. Belg.*, 87, 506 p.

MARECHAL, P.

1932. Liste de Diptères intéressants capturés en 1931. — *Lambillionea*, 32, 141-145.

MARECHAL, P. & DARIMONT, F.

1936. Insectes intéressants récoltés par « le cercle des Entomologistes liégeois ». — *Lambillionea*, 36, 211-220.

MEUNIER, F.

1898. Les chasses diptérologiques aux environs de Bruxelles. — *Ann. Soc. Scient. Brux.*, 22, 313-345.

SMITH, K. G. V. & CHVÁLA, M.

1976. Notes on some British *Platypalpus* MACQUART (Dipt: Empididae), including a species new to science, two new to Britain and new synonymy. — *Entomologist's record*, 88, 137-144.