

the chelicerae with more teeth (about 25, for 14 in *H. nigrellii*); the dilated aspect of solenidions  $\omega 1$  on tibia I and tarsus II (these solenidions are not dilated in *H. nigrellii*); the different orientation of the posterior pair of rings whose axis is directed antero-laterally (this axis is directed antero-internally in *H. nigrellii*).

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### Some new synonyms in the genus *Platypalpus* Macquart (Diptera, Empidoidea, Hybotidae) based upon Meigen's collection\*

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#### Summary

Four *Platypalpus* species of Meigen are reevaluated : *Platypalpus difficilis* (Frey, 1907) is syn. nov. of *Platypalpus luteicornis* (Meigen, 1838) comb. nov. ; *P. albisetoides* Chvála, 1973 syn. nov. of *P. vividus* (Meigen, 1838) comb. nov. ; *P. pallidicoxa* (Frey, 1913) syn. nov. of *P. pygmaeus* (Meigen, 1838) ; *P. rapidoides* Chvála, 1975b syn. nov. of *P. celer* (Meigen, 1822) comb. nov. ; *P. collaris* (Meigen, 1838) is synonym of *P. agilis* (Meigen, 1822).

#### Résumé

Quatre espèces de *Platypalpus* décrites par Meigen sont remises en valeur : *Platypalpus difficilis* (Frey, 1907) est syn. nov. de *Platypalpus luteicornis* (Meigen, 1838) comb. nov. ; *P. albisetoides* Chvála, 1973 syn. nov. de *P. vividus* (Meigen, 1838) comb. nov. ; *P. pallidicoxa* (Frey, 1913) syn. nov. de *P. pygmaeus* (Meigen, 1838) ; *P. rapidoides* Chvála, 1975b syn. nov. de *P. celer* (Meigen, 1822) comb. nov. ; *P. collaris* (Meigen, 1838) est synonyme de *P. agilis* (Meigen, 1822).

The stability in the genus *Platypalpus* MACQUART, 1822 is more or less reached by the valuable monographs of COLLIN (1961) and CHVÁLA (1975a) and a large series of separate papers by CHVÁLA (1971, 1972, 1973, 1975b, 1981).

The present note is based on a partial revision of MEIGEN's collection in the « Muséum national d'Histoire naturelle » in Paris.

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Four species of MEIGEN, hitherto unrecognized or considered as synonyms, are reevaluated. One species, *P. collaris* (MEIGEN), is set synonym with *P. agilis* (MEIGEN).

#### Systematic account

*Platypalpus luteicornis* (MEIGEN, 1838) **comb. nov.**

*Tachydromia luteicornis* MEIGEN, 1838 : 97.

*Tachydromia difficilis* FREY, 1907 : 410 **syn. nov.**

*Tachydromia interjecta* LUNDBECK, 1910 : 295.

*T. interjecta* LUNDBECK, COLLIN, 1961 : 211.

*Platypalpus difficilis* (FREY, 1907), CHVÁLA, 1975 : 132, figs 85, 190, 339-341, 695.

*Coryneta commutata* STROBL, ENGEL, 1939 : 65.

Single female on pin considered as holotype, with a round white label with on one side : Meigen, on backside : 1198 40 ; a second label mentioning : luteicornis bonain ; in box a label : *T. luteicornis* Meig. Allemagne.

COLLIN (1961 : 212) already suggested that *T. interjecta* LUNDBECK could be synonym of *T. luteicornis* MEIGEN. *P. luteicornis* is known from Scandinavia, Great Britain, NW USSR, Central Europe in mountainous areas, Belgium and France. Not known from the Netherlands.

*Platypalpus vividus* (MEIGEN, 1838) **comb. nov.**

*Tachydromia vivida* MEIGEN, 1838 : 97.

*T. albiseta*, COLLIN, 1961 partim nec PANZER, 1806.

*Platypalpus albisetoides* CHVÁLA, 1973 : 121, figs 5-6. **syn. nov.**

*P. albisetoides*, CHVÁLA, 1975 : 110, figs 67, 178, 286-288, 681.

A single female (holotype) with antennae missing. Labels as follows : on pin a white round label with on upside : Meigen ; on downside : 1189 40 ; second label mentioning : vivida ♀. In box a label : *T. vivida* Meig. Allemagne.

COLLIN (1965) considered this species as a synonym of *albiseta* (PANZER). Thanks to very detailed description of *albisetoides* by CHVÁLA (1973) it was possible to recognize the validity of *P. vividus*.

*P. vividus* is very rare and only known from Southern Scandinavia and Bavaria.

*Platypalpus celer* (MEIGEN, 1822) **comb. nov.**

*Tachydromia celer* MEIGEN, 1822 : 80.

*Platypalpus rapidoides* CHVÁLA, 1975b : 203, figs 4-6, **syn. nov.**

Female labeled as male, bearing following labels on pin : a white round label with on upside : Meigen ; on downside : 1192 40 ; a rectangular label : *Tachydromia celer* ♂. In box a label *T. celer* Meig. Allemagne.

*P. celer* was originally described as a male but in MEIGEN's collection there is a female. It has pale legs which are probably decoloured. The front coxae are yellowish brown, the front femora are brownish but their tip is clear yellow. The mid femora must have been darker originally. Further, the acrostichals are 6-serial on a broad median stripe. COLLIN (1961) considered *P. celer* as a pale legged specimen of *P. rapidus* (MEIGEN). However he doubted about the validity of the type. We feel that MEIGEN's description fits more or less to the specimen in his collection, considering that it was decoloured. Therefore we propose to set *P. rapidoides* CHVÁLA as a junior synonym of *P. celer*.

*Platypalpus pygmaeus* (MEIGEN, 1838) **comb. nov.**

*Tachydromia pygmaea* MEIGEN, 1838 : 99.

*Tachydromia flavipes* var. *pallidicoxa* FREY, 1913 : 80. **syn. nov.**

*Platypalpus pallidicoxa* (FREY, 1913), CHVÁLA, 1975a : 160, figs 117, 211, 404-406, 712, **syn. nov.**

nec *Tachydromia pygmaea* MACQUART, 1823 : 154.

nec *Tachydromia pygmaea* ZETTERSTEDT, 1838 : 551.

*Tachydromia agilella* COLLIN, 1926 : 153

*T. agilella*, COLLIN, 1961 : 201.

Holotype male, labeled on pin : with a round white label on upside : Meigen ; on downside : 1190 40 ; a rectangular label mentioning *Tachydromia pygmaea*. Antennae are lost except for the black basal segments.

MEIGEN described a female but a male was present in his collection. The description fits more or less to the specimen. The

type specimen was compared with the type of *P. pallidicoxa* (FREY, 1913) and they were found identical. MACQUART (1823, p. 165) set his *T. pygmaea* synonym with *T. minuta* MEIGEN, 1822. Note that *pygmaea* is not a homonym of *pygmaea*. *Tachydromia pygmaea* ZETTERSTEDT, 1838 is considered as a synonym of *P. confinis* (ZETTERSTEDT, 1842) by COLLIN (1961) and CHVÁLA (1975a).

*Tachydromia collaris* MEIGEN, 1838 : 99. **syn. nov.**

Holotype female, labeled on pin : with a white round label on upside : Meigen, on downside : 1191 40 ; a rectangular label mentioning : Tachydr. collaris ♀ ; in box a label : T. collaris Meig. Allemagne.

The head and the legs, except for one front femur, tibia and two tarsal segments, are missing. It is a black species with a dusted mesonotum with all bristles and hairs black. The humeri have a shining patch posteriorly. It seems to us that it is a synonym of *P. agilis* (MEIGEN, 1822).

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