

CURRENT RESEARCH

NEW COMBINATIONS AND SYNONYMS IN EUROPEAN *Pseudosmittia* GOETGHEBUER AND RELATED GENERA.

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When one of us (O. A. S.) was on sabbatical with the other at the University of Kansas a revision of the genus *Pseudosmittia* Goetghebuer was started and a preliminary manuscript describing and re-describing nearly 100 species assignable to the genus was completed. Due to various circumstances, including a change of venue for one of us (L. C. F) from Lawrence, Kansas, to the University of Minnesota in St. Paul, Minnesota, the publication date has been delayed. Recently, however, one of us (O. A. S.) was requested to summarize the chironomids in the Fauna Europaea project, a database which will include all terrestrial and aquatic animals of Europe with their distribution in respective countries. Further information is obtainable on <http://www.faunaeur.org>. The database will eventually result in a variety of publications for the different groups, but new synonyms and combinations known to us should not be introduced in the data base, and we believe it is not desirable to use knowingly wrong names and combinations in the data base. We thus find it necessary to publish a list of the types which will cause changes to the nomenclature of the European species. We have examined the type material of most relevant museums, but a few remain to be investigated. Here we are listing only new combinations, new synonyms, new *nomina dubia* or other changes relative to the catalogue by Ashe & Cranston (1990).

The following abbreviations for collections are used:

BMNH: The Natural History Museum (British Museum, Natural History), London, England

IRSN: Institute Royal de Science Naturelles de Belgique, Bruxelles, Belgium.

NMS: Natur-Museum Senckenberg, Frankfurt Am Main, Germany.

ZMB: Museum of Zoology, University of Bergen, Norway.

ZMH: Zoological Museum, University of Helsinki, Finland.

ZMO: Zoological Museum, University of Oslo, Norway.

ZSM: Zoologisches Staatssammlung, Munich, Germany.

New generic placements

Dactylocladius albipennis Goetghebuer, 1921: 85

[= *Pseudosmittia albipennis* (Goetghebuer) comb. n.] Holotype male in IRSN.

Orthocladius (Dactylocladius) brevifurcatus Edwards, 1926: 781

[= *Pseudosmittia brevifurcata* (Edwards) comb. n.] Types in BMNH.

Lindebergia bothnica Tuiskunen, 1984:121

[= *Pseudosmittia bothnica* (Tuiskunen) comb. n.] Holotype male in ZMH.

Smittia lacunarum Goetghebuer, 1931: 217

[= *Bryophaenocladius lacunarum* (Goetghebuer) comb. n.] Holotype male in IRSN.

Smittia (Pseudosmittia) terrestris Goetghebuer, 1943: 109

[= *Bryophaenocladius terrestris* (Goetghebuer) comb. n.] Holotype female in IRSN.

New synonyms

Pseudosmittia amamibfurca Sasa, 1990: 132
[= *Pseudosmittia mathildae* Albu, 1968, syn. n.]

Pseudosmittia antillaria Sæther, 1981: 29 [= *Pseudosmittia forcipata* (Goetghebuer, 1921) syn. n.] Holotype male in ZMB.

Pseudosmittia arenaria flava Strenzke, 1960: 419 (= *Pseudosmittia arenaria* Strenzke, 1960, syn. n.) Holotype female in NMS.

Smittia avicularia Goetghebuer, 1950: 13 [= *Pseudosmittia trilobata* (Edwards, 1929) syn. n.] Holotype male in IRSN.

Smittia brachyptera Goetghebuer, 1934: 389
[= *Pseudosmittia conjuncta* (Edwards, 1929)
comb. n.] Holotype male in IRSN.

Pseudosmittia brevitarsis Brundin, 1947: 40 (=
Pseudosmittia ruttneri Strenzke & Thienemann
1942, *syn. n.*). The type could not be located.

Spaniotoma (Smittia) curticosta Edwards,
1929: 364 [= *Pseudosmittia albipennis*
(Goetghebuer, 1921) *syn. n.*] Holotype male in
BMNH.

Smittia hamata Freeman, 1956: 355 [=
Pseudosmittia danconai (Marcuzzi, 1947) *syn.
n.*] Holotype male in NMS. Paratypes in
BMNH also examined.

Pseudosmittia linguata Caspers & Reiss, 1989:
128 (= *Pseudosmittia nishiharaensis* Sasa &
Hasegawa, 1988: 247). Holotype male in ZSM.

Pseudosmittia kurobaokasia Sasa & Okazawa,
1992a: 57 (= *Pseudosmittia ruttneri* Strenzke
& Thienemann, 1942. *syn. n.*)

Smittia longitibia Goetghebuer, 1933: 29 [=
Pseudosmittia nanseni (Kieffer, 1926) *syn. n.*]
Holotype male in ZMO.

Pseudosmittia mediocarinata Caspers & Reiss,
1989: 132 [= *Pseudosmittia nanseni* (Kieffer
1926) *syn. n.*] Holotype male in ZSM.

Smittia oxoniana Edwards, 1937: 146 not
Edwards, 1922: 204 (= *Pseudosmittia ruttneri*
Strenzke & Thienemann, 1942 *syn. n.*)

Spaniotoma (Smittia) recta Edwards, 1929:
362 [= *Pseudosmittia oxoniana* (Edwards),
Edwards, 1922, not Edwards, 1937, *syn. n.*]

Pseudosmittia schachti Caspers & Reiss,
1989: 130 (= *Pseudosmittia ruttneri* Strenzke
& Thienemann, 1942, *syn. n.*) Holotype male
in ZSM. Paratype male misidentified *P.
oxoniana* (Edwards).

Spaniotoma (Smittia) scotica Edwards, 1929:
363 [= *Camptocladius stercorarius* (De Geer,
1776) *syn. n.*] Holotype female in BMNH.

Smittia (Orthosmittia) subrecta Goetghebuer,
1942: 112 [= *Parakieffeliella coronata*
(Edwards, 1929) *syn. n.*] Types in IRSN.

Pseudosmittia togadistalis Sasa, Watanabe &
Arakawa, 1992: 233 [= *Pseudosmittia gracilis*
(Goetghebuer, 1913) *syn. n.*]

Pseudosmittia togarisea Sasa & Okazawa,
1992b: 160 [= *Pseudosmittia oxoniana*
(Edwards, 1922) *syn. n.*]

Pseudosmittia togasitea Sasa & Okazawa,
1992b: 161 [= *Camptocladius stercorarius* (De
Geer, 1776) *syn. n.*]

Pseudosmittia togativea Sasa & Okazawa,
1992b: 162 [= *Camptocladius stercorarius* (De
Geer, 1776) *syn. n.*]

Smittia triappendiculata Goetghebuer, 1931:
216 [= *Pseudosmittia forcipata* (Goetghebuer,
1921) *syn. n.*] Holotype male in IRSN.

Negation of synonymy

Pseudosmittia triplex Strenzke, 1950: 301.
Valid species and not a synonym of *P.
forcipata* (Goetghebuer, 1921) as stated in
Ashe & Cranston (1990). Holotype male in
NMS.

New status

Pseudosmittia virgo montana Strenzke, 1950:
303 (= *Pseudosmittia montana* Strenzke *stat.
n.*) Holotype male with pupal exuviae in NMS.

Nomina dubia

Camptocladius flaviventris Kieffer, 1921a: 289,
nomen dubium. The type could not be located.

Camptocladius hexalobus Kieffer, 1924: 395
(= *Pseudosmittia hexalobus* Kieffer, *nomen
dubium*). Type lost. A likely senior synonym
of either *P. trilobata* or *P. obtusa*.

Camptocladius longicrus Kieffer, 1921b: 100,
nomen dubium. Type lost. A pupal exuviae
from NMS is marked type, but collected in
1941 and thus wrongly marked.

Pseudosmittia restricta Brundin, 1956: 170,
nomen dubium. The type could not be found.
The species cannot belong in *Pseudosmittia* if
the description is correct as a distinct scutal
hump is present and the genitalia differ from
all other known species.

Smittia (Pseudosmittia) tenebrosa
Goetghebuer, 1943: 109 [= *Pseudosmittia
tenebrosa* (Goetghebuer) *nomen dubium*].
Holotype male in IRSN. Mounted between two
plastic strips on a pin and ruined in attempt of
remounting. Probably a synonym of *P. simplex*
Strenzke & Thienemann.

Camptocladius trifoliatus Kieffer, 1924: 73,
nomen dubium. The type could not be located.

Smittia (Pseudosmittia) vicana Goetghebuer,
1943: 110 [= *Pseudosmittia vicana*
(Goetghebuer), *nomen dubium*]. The female
holotype supposedly in IRSN could not be
found.

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