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Revision of some type-specimens of European  
*Ichneumonidae* (Hymenoptera), 5

**Abstract.** The paper concerns 19 species of the *Ichneumonidae*, subfamilies: *Cryptinae* and *Banchinae*. Basing on several collections, the descriptive types of 22 species-group forms described by 10 authors have been investigated, 6 lectotypes are selected, 12 new synonyms, 5 new combinations are proposed, and one form raised to the species status.

This paper contains a revision of some recovered types described by J. F. AUBERT, J. C. FABRICIUS, J. L. C. GRAVENHORST, H. HABERMEHL, A. E. HOLMGREN, A. KISS VON ZILAH, C. G. THÓMSON, C. P. THUNBERG, A. ULBRICHT, and F. W. WOLDSTEDT.

The materials used in this paper were borrowed from several institutions listed below:

- BM — British Museum (Natural History), London, England,
- LEEO — Laboratoire d'évolution des êtres organisés, Université Pierre et Marie Curie, Paris, France,
- MN — Museum für Naturkunde der Humboldt-Universität, Berlin, GDR,
- NRS — Naturhistoriska Riksmuseet, Stockholm, Sweden,
- SKKI — Stadt Krefeld Kulturamt, FRG,
- TMA — Természettudományi Múzeum Állattára, Budapest, Hungary,
- UW — Uniwersytet Wrocławski, Muzeum Przyrodnicze, Wrocław, Poland,
- ZI — Zoological Institute, Academy of Sciences, Leningrad, USSR,
- ZIL — Zoological Institute, Lunds Universitet, Sweden,
- ZMK — Zoologisk Museum, København, Denmark,
- ZSBS — Zoologische Sammlung des Bayerischen Staates, München, FRG.

*Cryptinae*

*Isadelphus coriarius* (TASCHENBERG, 1865)

*Hemiteles coriarius* TASCHENBERG, 1865: 125. — Type not seen.

*Polyblastus rixator* WOLDSTEDT, 1877: 399. **Syn. nov.** — Lectotype ( $\delta$ ) by designation of KASPARYAN: "15277", "*Polyblastus rixator* WOLDST.", "Carolath Schlesien. A. v. MÜLLER.", "14103-16653

STAUDINGER 1873". Coll. ZI, Leningrad.

*Hemiteles coriarius*: SCHMIEDEKNECHT 1933: 46.

*Cubocephalus annularis* (THOMSON, 1873), **bona spec.**

*Cratocryptus annularis* THOMSON, 1873: 526. — Lectotype (♀): "annularis", — paralectotypes (2 ♂♂): "Ar 6/56" and "Dan". Syntypes det. FITTON (1982: 24), all types here designated. Coll. THOMSON, Lund (ZIL).

*Cubocephalus annularis*: TOWNES, GUPTA 1962: 52.

ROMAN (1912: 276) erroneously synonymized *Cratocryptus annularis* THOMSON with *Ichneumon renovator* THUNBERG, 1822: 257. See *Lissonota setosa* (GEOFFROY) for further discussion (p. 296).

*Cubocephalus associator* (THUNBERG, 1822)

*Ichneumon associator* THUNBERG, 1822: 257. — Type not examined.

*Cratocryptus ruficoxis* THOMSON, 1873: 525. Syn. ROMAN (1912: 234). — Lectotype (♀): "Pål", — paralectotypes (4 ♀♀ and 3 ♂♂): "Pål." (2 ♀♀, 2 ♂♂), "Scan med." (1 ♂), „Ringsjö" (1 ♀) and 1 ♀ with green square. Syntypes det. FITTON (1982: 24), all types here designated. Coll. THOMSON, Lund (ZIL).

*Cubocephalus associator*: TOWNES, GUPTA 1962: 52.

*Cubocephalus silesiacus* HABERMEHL, 1911, **bona spec.**

*Cubocephalus silesiacus* HABERMEHL, 1911: 630. — Lectotype (♀): "Schlesien Prof. DITTRICH", "Type", "*Cubocephalus silesiacus* HAB. ♀", "Pfank.", — paralectotype (1 ♂): "Rostock, M. 28.7.94 KRIEGER 1.", "Type", "*Cubocephalus silesiacus* HAB. ♂". All types here designated. Coll. MN, Berlin. MEYER (1933: 113) erroneously synonymized it with *Cubocephalus oviventris* (GRAV.).

*Oresbius habermehli* (ULBRICHT, 1910), **comb. nov.**

*Cratocryptus Habermehli* ULBRICHT, 1910: 4. — Lectotype (♀) here designated: "Crefeld Rh. 9. ULBRICHT", "16/4/1", "Typus". Syntype det. SORG (SORG, CYMOREK 1986: 191). Coll. ULBRICHT, Krefeld (SKKI).

*Polytribax perspicillator* (GRAVENHORST, 1807)

*Ichneumon perspicillator* GRAVENHORST, 1807: 261.

*Plectocryptus perspicillator* GRAV. *meridionator* AUBERT, 1961: 651. **Syn. nov.** — Paratypes (1 ♀ and 1 ♂): "J.F.AUBERT 15-8-1958 St. Aygulf (var.)", "*Plectocryptus perspicillator* Gr. *meridionator* AUB. ♀" and "J.F. AUBERT 7-8-1957 Var St. Aygulf", "♂ *Plectocryptus perspicillator* Gr. *meridionator* AUB.". Coll. AUBERT, Paris (LEEO).

*Polytribax perspicillator*: SAWONIEWICZ 1984: 319; 1986: 374.

*Plectocryptus albulatorius* (GRAVENHORST, 1829), **comb. nov.**

*Cryptus (Cryptus) albulatorius* GRAVENHORST, 1829: 508. — Lectotype (♂) and paralectotype (♂) by designation of SAWONIEWICZ (1984: 322): both types without labels. Coll. GRAVENHORST, Wrocław (UW).

*Plectocryptus effeminatus* (GRAVENHORST, 1829)

*Cryptus* (*Cryptus*) *effeminatus* GRAVENHORST, 1829: 532.

*Plectocryptus flavopunctatus* BRIDG. var. *sellatus* ULBRICHT, 1911: 146. **Syn. nov.** — Holotype (♂) det. SORG (SORG, CYMOREK 1986: 191): "Neuss", "16/14/1", "Type". Coll. ULBRICHT, Krefeld (SKKI).

*Plectocryptus effeminatus*: SAWONIEWICZ 1989: 217.

*Pleolophus basizonus* (GRAVENHORST, 1829)

*Cryptus* (*Phygadeuon*) *basizonus* GRAVENHORST, 1829: 748.

*Microcryptus basizonius* [sic!] GRAV. var. *obscurus* ULBRICHT, 1913: 5. **Syn. nov.** — Holotype (♂) det. SORG (SORG, CYMOREK 1986: 191): "Crefeld Fstw. ULBRICHT 5". "Type", "16/47/1". Coll. ULBRICHT, Krefeld (SKKI).

*Pleolophus basizonus*: TOWNES, GUPTA 1962: 234.

*Aptesis erratica* (HOLMGREN, 1869), **comb. nov.**

*Phygadeuon erraticus* HOLMGREN, 1869: 19. — Holotype (♂): "Beeren Eiland", "HOLMGREN.". Coll. HOLMGREN, Stockholm (NRS).

*Aptesis gravipes* (GRAVENHORST, 1829)

*Cryptus* (*Phygadeuon*) *gravipes* GRAVENHORST, 1829: 740. — Holotype (♀) det. FRILLI (1974: 156): without labels. Coll. GRAVENHORST, Wrocław (UW).

*Microcryptus puncticollis* THOMSON, 1883: 866. **Syn. nov.** — Lectotype (♂) by designation of AUBERT (1966: 85): "Rsiö". Coll. THOMSON, Lund (ZIL).

*Aptesis gravipes*: FRILLI 1974: 156.

*Aptesis nigrifula* (THOMSON, 1885)

*Microcryptus nigrifulus* THOMSON, 1885: 23. — Syntypes lost. 2 ♀♀ in the BM collection determined by SCHMIEDEKNECHT (FITTON 1982: 61). AUBERT (1970: 278) designated a neotype of this species from other specimens. According to HORSTMANN (1984: 205) this designation is invalid because it does not comply with all provisions of the Article 75 of the Code.

*Stenocryptus nigripes* STROBL, 1901: 207. **Syn. nov.** — Lectotype (♀) and paralectotypes (2 ♂♂) by designation of SAWONIEWICZ (1984: 322).

*Aptesis nigrifula*: AUBERT 1970: 278; FITTON 1982: 61.

*Thrybius praedator* (ROSSI, 1792)

*Ichneumon praedator* ROSSI, 1792: 116.

*Hygrocryptus Drewseni* THOMS. var. *continuus* ULBRICHT, 1910: 4. **Syn. nov.** — Lectotype (♀): "Crefeld Rhein 7. ULBRICHT", "Type", "15/32/1"; — paralectotypes (2 ♂♂): as above. Syntypes det. SORG (SORG, CYMOREK 1986: 190), all types here designated. Coll. ULBRICHT, Krefeld (SKKI).

*Thrybius praedator*: SAWONIEWICZ 1988: 486.

*Agrothereutes adustus* (GRAVENHORST, 1829)

*Cryptus* (*Cryptus*) *adustus* GRAVENHORST, 1829: 513. — Holotype (♀) det. OEHLKE (1966: 842). Coll. GRAVENHORST, Wrocław (UW).

*Spilocryptus adustus* GRAV. var. *melanocerus* ULBRICHT, 1916: 4. **Syn. nov.** — Holotype (♂) det. SORG (SORG, CYMOREK 1986: 190): "Crefeld Fw. ULBRICHT 9". Coll. ULBRICHT, Krefeld (SKKI).

*Agrothereutes transsylvanicus* (KISS, 1926), **comb. et stat. nov.**

*Hoplocryptus coxator* TSCHKE var. *transsylvanicus* KISS, 1926: 87. — Holotype (♂) det. SAWONIEWICZ (1984: 324): "Porcsesd 924 31 V. Dr KISS". Coll. TMA, Budapest.  
SAWONIEWICZ (1984: 324) erroneously synonymized it with *Ischnus insulanus* (KRIEGER).

*Buathra divisoria* (TSCHKE, 1872)

*Cryptus divisorius* TSCHKE, 1872: 235. — Types not examined.

*Cryptus minorator* GRAV. f. *nigricans* HABERMEHL, 1929: 261. **Syn. nov.** — Holotype (♂) det. HORSTMANN: "Ober-Bayern Garmisch Kreuzeck 20.VII.1927 c. 1650 m E. BAUER", "Type", "*Cryptus minorator* GR. forma *nigricans* HAB. det. HABERMEHL". Coll. ZSBS, München.

*Buathra divisoria*: ROSSEM 1971: 205.

*Aritranis alpicola* (HABERMEHL, 1935), **comb. nov.**

*Spilocryptus alpicola* HABERMEHL, 1935: 101. — Holotype (♀) det. HORSTMANN (1983: 286): "Type", "Vintschgau-St. Valentin auf der Haid Blagöff 1650 m 24. VII. 1931 E. BAUER", "*Spilocryptus alpicola* ♂ [sic!] (n. sp.) HABERM. H. HABERMEHL det.". Coll. ZSBS, München. The holotype is a female without ovipositor.

*Mesostenus grammicus* (GRAVENHORST, 1829)

*Cryptus (Mesostenus) grammicus* GRAVENHORST, 1829: 757. — Lectotype (♀) by designation of AUBERT (1968: 181) and paralectotype (♀) here designated: without labels. Coll. GRAVENHORST, Wrocław (UW).

*Mesostenus notatus* GRAV. var. *rufifemur* KISS, 1930: 111. **Syn. nov.** — Holotype (♀) det. HORSTMANN: "Siebenbuergen Kaisd-Saschiz v. SILBERNAGEL". Coll. TMA, Budapest.

*Banchinae**Lissonota setosa* (GEOFFROY in FOURCROY, 1785)

*Ichneumon setosus* GEOFFROY in FOURCROY, 1785: 395. — Type not seen.

*Ichneumon enervator* FABRICIUS, 1793: 163 (nec *Ichneumon enervator* LINNAEUS, 1758: 565). **Syn. nov.**

— Lectotype (♀) by designation of HORSTMANN: "enervator". Coll. FABRICIUS, København (ZMK).

*Ichneumon renovator* THUNBERG, 1822: 257 (and 1824: 301), nom. nov. for *Ichneumon enervator* FABRICIUS, 1793. **Syn. nov.**

*Lissonota setosa*: AUBERT 1978: 289; KUSLITZKY 1981: 288.

GRAVENHORST (1829: 769) (as *I. enervator* FABR.) and DALLA TORRE (1901: 541) (as *I. renovator* THUNB.) erroneously synonymized this species with *Mesostenus gladiator* (SCOP.).

ROMAN (1912: 276) treated the THUNBERG's name *Ichneumon renovator* (1822) as a properly described species, and the single female specimen in his collection as the type specimen. He also on this basis synonymized it with *Cratocryptus annulitarsis* THOMSON, 1873 (vide: p. 294). Although, THUNBERG in the second part of his paper (1824) clearly stated that his name was a replacement name for *Ichneumon enervator* FABRICIUS, 1793 because it was a junior homonym of *Ichneumon enervator* LINNAEUS, 1758. Therefore the specimen in the THUNBERG collection is not a syntype, but only a specimen determined by THUNBERG.

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## STRESZCZENIE

[Tytuł: Rewizja niektórych typów opisowych europejskich *Ichneumonidae* (*Hymenoptera*), 5]

Praca zawiera rewizję 22 typów opisowych gatunków i odmian opisanych przez 10 autorów, które należą do 19 gatunków z podrodzin: *Cryptinae* i *Banchinae* (*Ichneumonidae*). Wyznaczono 6 lektotypów, ustalono 12 nowych synonimów i 5 nowych kombinacji, a jedną odmianę podniesiono do rangi gatunku.

## РЕЗЮМЕ

[Заглавие: Ревизия некоторых типов европейских *Ichneumonidae* (*Hymenoptera*), 5]

Работа содержит ревизию 22 описательных типов видов и разновидностей, принадлежащих к 19 видам из подсемейств *Cryptinae* и *Banchinae* (*Ichneumonidae*), описанных 10 авторами. Обозначено 6 лектотипов, установлено 12 новых синонимов и 5 новых комбинаций, а одна разновидность получила статус вида.