

A catalogue of the family Ichneumonidae (Hymenoptera, Ichneumonoidea) of Eritrea

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A b s t r a c t : Hitherto 21 species of the family Ichneumonidae have been recorded from Eritrea. They belong to six subfamilies: Campopleginae (two species in the genera *Diadegma* FÖRSTER, 1869 and *Dusona* CAMERON, 1901), Cryptinae (six species in the genera *Larpeletes* CAMERON, 1904, *Osprynchotus* SPINOLA, 1841 and *Zonocryptus* ASHMEAD, 1900), Ichneumoninae (nine species in the genera *Aethiamblys* HEINRICH, 1967, *Afrobystra* HEINRICH, 1968, *Afromelanichneumon* HEINRICH, 1938, *Diphyus* KRIECHBAUMER, 1890, *Foveosculum* HEINRICH, 1938 and *Neotypus* FÖRSTER, 1869), Metopiinae (one species in the genus *Metopius* PANZER, 1806), Ophioninae (two species in the genera *Dicamptus* SZÉPLIGETI, 1905 and *Enicospilus* STEPHENS, 1835) and Xoridinae (one species in the genus *Xorides* LATREILLE, 1809).

K e y w o r d s : Ichneumonidae, Campopleginae, Cryptinae, Ichneumoninae, Metopiinae, Ophioninae, Xoridinae, catalogue, Eritrea

Introduction

The species-rich family Ichneumonidae is poorly investigated in Eritrea. Until now, only 21 species representing six subfamilies have been recorded. The subfamily Campopleginae is represented by two species in the genera *Diadegma* FÖRSTER, 1869 and *Dusona* CAMERON, 1901, the subfamily Cryptinae by six species in the genera *Larpeletes* CAMERON, 1904, *Osprynchotus* SPINOLA, 1841 and *Zonocryptus* ASHMEAD, 1900, the subfamily Ichneumoninae by nine species in the genera *Aethiamblys* HEINRICH, 1967, *Afrobystra* HEINRICH, 1968, *Afromelanichneumon* HEINRICH, 1938, *Diphyus* KRIECHBAUMER, 1890, *Foveosculum* HEINRICH, 1938 and *Neotypus* FÖRSTER, 1869, the subfamily Metopiinae by one species in the genus *Metopius* PANZER, 1806, the subfamily Ophioninae by two species in the genera *Dicamptus* SZÉPLIGETI, 1905 and *Enicospilus* STEPHENS, 1835, and the subfamily Xoridinae by one species in the genus *Xorides* LATREILLE, 1809. The biology of the Eritrean species is hardly investigated. The host is known only from *Enicospilus biimpressus* (BRULLÉ, 1846) (Ophioninae).

Annotated catalogue

Synonyms or misidentifications are marked with an asterisk (*) and printing errors with an exclamation mark (!). The geographic position of the locality "Mac'Mefellis" is unknown to me.

Subfamily Campopleginae

Diadegma mollipla (HOLMGREN, 1868)

Diadegma mollipla (HOLMGREN, 1868): AZIDAH, FITTON & QUICKE 2000: 380 (key), 382 (fig. 14), 383 (taxonomy, description ♀ ♂, Asmara), 384 (figs. 23, 24), 385 (fig. 32), 386 (fig. 38).

D i s t r i b u t i o n : Asmara.

Diadegma mollipla, which is widely distributed in the Afrotropical region, is also recorded from Ethiopia.

Dusona argentopilosa (ENDERLEIN, 1921)

Zachresta argentopilosa nov.spec.: ENDERLEIN 1921: 38 (description ♂, Asmara).

Dusona argentopilosa (ENDERLEIN, 1921): TOWNES & TOWNES 1973: 154 (taxonomy, Asmara, catalogue Afrotropical region: Ethiopia = Eritrea).

Dusona argentopilosa (ENDERLEIN, 1921): YU & HORSTMANN 1997a: 143 (world catalogue: Ethiopia = Eritrea).

Dusona argentopilosa (ENDERLEIN, 1921): LUHMAN & HUFLEJT 1999: 77 (taxonomy, Asmara, type catalogue Museum and Institute of Zoology PAS, Warsaw).

D i s t r i b u t i o n : Asmara.

Dusona argentopilosa is known only from Eritrea.

Genus unknown

Campopleginae sp.: ZAVATTARI 1939: 427 (Asmara).

D i s t r i b u t i o n : Asmara.

Subfamily Cryptinae

SCHMIEDEKNECHT (1908: 31) recorded the Palearctic *Cryptus diana speciosus* GRAVENHORST, 1829 from Eritrea. As this taxon is not mentioned in TOWNES & TOWNES (1973) and I did not find a reference, I have deleted *Cryptus diana speciosus* from the Eritrean species list.

Larpeletes annulicornis (SZEPLIGETI, 1908)

Larpeletes annulicornis (SZEPLIGETI, 1908): TOWNES & TOWNES 1973: 100 (taxonomy, Ghinda, catalogue Afrotropical region: Ethiopia = Eritrea).

Larpeletes annulicornis (SZEPLIGETI, 1908): YU & HORSTMANN 1997a: 262 (world catalogue: Ethiopia = Eritrea)

**Listrognathus tricolor* n.sp.: SZÉPLIGETI 1916: 278 (description ♀, Ghinda).

Listrognathus tricolor SZÉPLIGETI, 1916: TOWNES & TOWNES 1973: 100 (synonym).

D i s t r i b u t i o n : Ghinda.

Larpeletes annulicornis is also recorded from Tanzania. *Listrognathus tricolor* SZÉPLIGETI, 1916 is a junior homonym of *Listrognathus tricolor* TSCHKE, 1872.

Osprynchotus ethiopicus GHIGI, 1911

Osprynchotus ethiopicus n.sp.: GHIGI 1911: 5 (key), 7 (fig. 3b), 11 (description ♀ ♂, Gheleb, Ghinda, Keren), 14 (catalogue Afrotropical region).

- Osprynchotus aethiopicus* (!) GHIGI, 1911: GHIGI 1915: 291 (taxonomy, Assaorta, Ghinda, Halibaret, Keren, Mac'Mefellis, Ras Ghedem, Saganeiti), 297-298 (key).
- Osprynchotus aethiopicus* (!) GHIGI, 1911: MASI 1941: 94 (taxonomy, 4♂♂ 16♀♀ without exact locality (Museum Genova), catalogue Afrotropical region), 96 (taxonomy).
- Osprynchotus aethiopicus* GHIGI, 1911: LECLERCQ 1958: 64 (taxonomy, catalogue Afrotropical region).
- Osprynchotus ethiopicus* GHIGI, 1911: TOWNES & TOWNES 1973: 113 (taxonomy, lectotype designation by H. Townes, Ghinda, Keren, catalogue Afrotropical region: Eritrea part of Ethiopia).
- Osprynchotus ethiopicus* GHIGI, 1911: YU & HORSTMANN 1997a: 278 (world catalogue: Eritrea part of Ethiopia).
- **Osprynchotus capensis* SPINOLA, 1841: MAGRETTI 1906: 11 (biology, Ghinda).
- **Osprynchotus scutellaris* n.sp.: GHIGI 1915: 292 (description ♀, Saganeiti), 298 (key).
- Osprynchotus scutellaris* GHIGI, 1915: MASI 1941: 93 (taxonomy, Saganeiti (holotype)), 96 (taxonomy).
- Osprynchotus scutellaris* GHIGI, 1915: TOWNES & TOWNES 1973: 113 (synonym).
- **Osprynchotus minor* n.sp.: GHIGI 1915: 293 (description ♀, Sabarguma), 297 (key).
- Osprynchotus minor* GHIGI, 1915: MASI 1941: 95 (Sabarguma, catalogue Afrotropical region), 96 (taxonomy).
- Osprynchotus minor* GHIGI, 1915: LECLERCQ 1958: 66 (catalogue Afrotropical region).
- Osprynchotus minor* GHIGI, 1915: TOWNES & TOWNES 1973: 113 (synonymy and lectotype designation by H. Townes).
- **Osprynchotus aethiopicus* n.sp.: SZÉPLIGETI, 1916: 237 (key, description ♀, Asmara, Ghinda).
- Osprynchotus aethiopicus* SZÉPLIGETI, 1916: LECLERCQ 1958: 64 (taxonomy (? Synonym)).
- Osprynchotus aethiopicus* SZÉPLIGETI, 1916: TOWNES & TOWNES 1973: 113 (synonymy and lectotype designation by H. Townes, Asmara, Ghinda).
- D i s t r i b u t i o n :** Asmara, Assaorta, Gheleb, Ghinda, Halibaret, Keren, Mac'Mefellis, Ras Ghedem, Sabarguma, Saganeiti.
- Osprynchotus ethiopicus* is also known from the Democratic Republic of the Congo, Ethiopia, Kenya, Senegal, South Africa and Sudan.

***Osprynchotus flavipes magrettii* GHIGI, 1915**

- Osprynchotus magrettii* n.sp.: GHIGI 1915: 295 (description ♀ ♂, Keren, Mac'Mefellis), 298 (key).
- Osprynchotus magrettii* GHIGI, 1915: MASI 1941: 94 (taxonomy, 8 specimens without exact locality (Museum Genova)), 95 (catalogue Afrotropical region), 96 (taxonomy).
- Osprynchotus magrettii* GHIGI, 1915: LECLERCQ 1958: 66 (catalogue Afrotropical region).
- Osprynchotus flavipes magrettii* GHIGI, 1915: TOWNES & TOWNES 1973: 114 (taxonomy, lectotype designation by H. Townes, Keren, Mac Mefellis, catalogue Afrotropical region: Ethiopia = Eritrea).
- Osprynchotus flavipes* ssp. *magrettii* GHIGI, 1915: YU & HORSTMANN 1997a: 278 (world catalogue).
- D i s t r i b u t i o n :** Keren, Mac'Mefellis.
- Osprynchotus flavipes magrettii* is recorded only from Eritrea.

***Zonocryptus contractus* (WATERSTON, 1927)**

- Oneilella contracta* sp.n.: WATERSTON 1927: 198 (description ♀ ♂, Eritrea without exact locality), 203 (key ♀), 204 (key ♂).
- Zonocryptus contractus* (WATERSTON, 1927): TOWNES & TOWNES 1973: 86 (taxonomy, lectotype designation by H. Townes (Uganda), catalogue Afrotropical region: Eritrea part of Ethiopia).
- Zonocryptus contractus* (WATERSTON, 1927): YU & HORSTMANN 1997a: 299 (world catalogue).
- D i s t r i b u t i o n :** no exact locality (WATERSTON 1927).
- Zonocryptus contractus* is also known from Ethiopia, Senegal, Sudan and Uganda.

***Zonocryptus pulchripennis* (SZÉPLIGETI, 1916)**

Ancylomena pulchripennis n.sp.: SZÉPLIGETI 1916: 241 (typus generis, description ♀, Asmara).

Zonocryptus pulchripennis (SZÉPLIGETI, 1916): TOWNES & TOWNES 1962: 16 (taxonomy).

Zonocryptus pulchripennis (SZÉPLIGETI, 1916): TOWNES & TOWNES 1973: 88 (Asmara, catalogue Afrotropical region: Ethiopia = Eritrea).

Zonocryptus pulchripennis (SZÉPLIGETI, 1916): YU & HORSTMANN 1997a: 299 (world catalogue: Ethiopia = Eritrea).

D i s t r i b u t i o n : Asmara.

Zonocryptus pulchripennis is recorded only from Eritrea.

***Zonocryptus superbus* (SZÉPLIGETI, 1916)**

Neocryptus superbus n.sp.: SZÉPLIGETI 1916: 240 (typus generis, description ♀ ♂, Asmara).

Zonocryptus superbus (SZÉPLIGETI, 1916): TOWNES & TOWNES 1962: 17 (taxonomy).

Zonocryptus superbus (SZÉPLIGETI, 1916): TOWNES & TOWNES 1973: 89 (lectotype designation by H. Townes, Asmara, catalogue Afrotropical region: Ethiopia = Eritrea).

Zonocryptus superbus (SZÉPLIGETI, 1916): YU & HORSTMANN 1997a: 299 (world catalogue: Ethiopia = Eritrea).

D i s t r i b u t i o n : Asmara.

Zonocryptus superbus is known only from Eritrea.

Subfamily I c h n e u m o n i a e***Aethiamblys eritreae* HEINRICH, 1967**

Aethiamblys eritreae new species: HEINRICH 1967a: 187 (key), 192 (taxonomy, description ♀, Gholeb).

Aethiamblys eritreae HEINRICH, 1967: TOWNES & TOWNES 1973: 238 (Gholeb, catalogue Afrotropical region: Ethiopia = Eritrea).

Aethiamblys eritreae HEINRICH, 1967: YU & HORSTMANN 1997a: 509 (world catalogue: Ethiopia = Eritrea).

D i s t r i b u t i o n : Gholeb.

Aethiamblys eritreae is recorded only from Eritrea.

***Afrobystra variata* (TOSQUINET, 1896)**

Hoplismenus variatus n.sp.: TOSQUINET 1896: 65 (description ♀, Keren).

Hoplismenus variatus TOSQUINET, 1896: DALLA TORRE 1902: 1028 (Bogos = Keren, world catalogue).

Hoplismenus variatus TOSQUINET, 1896: BERTHOUMIEU 1904: 30 (Bogos = Keren, world catalogue).

Afrobystra variata (TOSQUINET, 1896): HEINRICH 1968: 1148 (key), 1149 (taxonomy, description ♀ ♂, Keren: Ethiopia = Eritrea).

Afrobystra variata (TOSQUINET, 1896): TOWNES & TOWNES 1973: 322 (Keren, catalogue Afrotropical region: Ethiopia = Eritrea).

Afrobystra variata (TOSQUINET, 1896): YU & HORSTMANN 1997a: 534 (world catalogue: Ethiopia = Eritrea).

D i s t r i b u t i o n : Keren.

Afrobystra variata is also known from the Democratic Republic of the Congo, Malawi, South Africa and Zambia.

***Afromelanichneumon afer* (KRIECHBAUMER, 1884)**

Platylabus afer n.sp.: KRIECHBAUMER 1884a (In: MAGRETTI): 242 (description ♂, Keren).

Platylabus afer n.sp.: KRIECHBAUMER 1884b (In: MAGRETTI): 527 (description ♂, biology, Keren).

Platylabus afer KRIECHBAUMER, 1884: MAGRETTI 1885: 329 (Keren), 353 (catalogue species collected by expedition).

Platylabus afer KRIECHBAUMER, 1884: DALLA TORRE 1902: 780 (world catalogue: Italy = Eritrea).

Platylabus afer KRIECHBAUMER, 1884: BERTHOUMIEU 1904: 57 (world catalogue: East Africa = Eritrea).

Afromelanichneumon afer (KRIECHBAUMER, 1884): HEINRICH 1967c: 504 (key ♂), 505 (key *afer* var. ♂), 507 (taxonomy, description ♂, Keren).

Afromelanichneumon afer (KRIECHBAUMER, 1884): TOWNES & TOWNES 1973: 265 (taxonomy, Keren, catalogue Afrotropical region: Eritrea part of Ethiopia).

Afromelanichneumon afer (KRIECHBAUMER, 1884): YU & HORSTMANN 1997a: 535 (world catalogue: Eritrea part of Ethiopia).

D i s t r i b u t i o n : Keren.

Afromelanichneumon afer is also recorded from Ethiopia, Kenya, Malawi and Uganda.

***Diphyus fulvocaudatus* (TOSQUINET, 1896)**

Amblyteles fulvocaudatus TOSQUINET, 1896: MORLEY 1919: 118 (catalogue species mentioned in paper), 159 (taxonomy, Erythria = Eritrea without exact locality).

Diphyus fulvocaudatus (!) (TOSQUINET, 1896): HEINRICH 1967c: 651 (key), 652 (taxonomy, description ♂, record from Eritrea not mentioned), 673 (key ♂).

Diphyus fulvocaudatus (TOSQUINET, 1896): TOWNES & TOWNES 1973: 282 (catalogue Afrotropical region: Eritrea part of Ethiopia).

Diphyus fulvocaudatus (TOSQUINET, 1896): YU & HORSTMANN 1997a: 570 (world catalogue).

D i s t r i b u t i o n : no exact locality (MORLEY 1919).

Diphyus fulvocaudatus is also known from Ethiopia.

***Diphyus lalandei* (BRULLÉ, 1846)**

Ichneumon lalandei (!) RÜPPEL (!): CANNAVIELLO 1900: 295 (Adi Ugri).

Diphyus lalandei (BRULLÉ, 1846): TOWNES & TOWNES 1973: 282 (taxonomy, Asmara, catalogue Afrotropical region: Eritrea part of Ethiopia).

Diphyus lalandei (BRULLÉ, 1846): YU & HORSTMANN 1997a: 571 (world catalogue).

**Macrophatnus lalandei sedatus* (TOSQUINET, 1896): HEINRICH 1967c: 678 (Asmara partim – misidentification TOWNES & TOWNES 1973).

D i s t r i b u t i o n : Adi Ugri, Asmara.

Diphyus lalandei is also recorded from Ethiopia The record from Eritrea by CANNAVIELLO (1900) is not mentioned in BERTHOUMIEU (1904: 41), HEINRICH (1967c: 679), TOWNES & TOWNES (1973: 282) and YU & HORSTMANN (1997a: 571). The identification is doubtful.

***Diphyus sedatus* (TOSQUINET, 1896)**

Macrophatnus lalandei sedatus (TOSQUINET, 1896): HEINRICH 1967c: 672 (key ♀), 673 (key ♂), 678 (taxonomy, description ♀ ♂, Asmara partim).

Diphyus sedatus (TOSQUINET, 1896): TOWNES & TOWNES 1973: 284 (taxonomy, catalogue Afrotropical region: Eritrea part of Ethiopia).

Diphyus sedatus (TOSQUINET, 1896): YU & HORSTMANN 1997a: 575 (world catalogue).

D i s t r i b u t i o n : Asmara.

Diphyus sedatus is also known from Ethiopia.

***Foveosculum mediorufum* (MORLEY, 1919)**

Platylabus mediorufus sp.n.: MORLEY 1919: 118 (catalogue species mentioned in paper), 169 (description ♀ ♂, Erythria = Eritrea without exact locality).

Foveosculum mediorufum (MORLEY, 1919): HEINRICH 1967c: 557 (key ♀), 559 (key ♂, 567 (taxonomy, description ♀ ♂, record from Eritrea (MORLEY 1919) not mentioned).

Foveosculum mediorufum (MORLEY, 1919): TOWNES & TOWNES 1973: 272 (Eritrea without exact locality, catalogue Afrotropical region: Ethiopia = Eritrea).

Foveosculum mediorufum (MORLEY, 1919): YU & HORSTMANN 1997a: 582 (world catalogue).

D i s t r i b u t i o n : no exact locality (MORLEY 1919).

Foveosculum mediorufum is also recorded from Malawi, Tanzania and Uganda.

***Neotypus intermedius sudanensis* HEINRICH, 1933**

Neotypus intermedius sudanensis HEINRICH, 1933: HEINRICH 1967b: 269 (key ♀), 270 (key ♂), 282 (taxonomy, description ♀ ♂, Asmara).

Neotypus intermedius sudanensis HEINRICH, 1933: TOWNES & TOWNES 1973: 243 (Asmara, catalogue Afrotropical region: Ethiopia = Eritrea).

Neotypus intermedius sudanensis HEINRICH, 1933: YU & HORSTMANN 1997a: 669 (world catalogue).

D i s t r i b u t i o n : Asmara.

Neotypus intermedius sudanensis is also known from Sudan and Uganda.

***Neotypus semirufus* KRIECHBAUMER, 1884**

Neotypus semirufus n.sp.: KRIECHBAUMER 1884a (In: MAGRETTI): 242 (description ♀, Aikota, preliminary catalogue of species collected by expedition).

Neotypus semirufus n.sp.: KRIECHBAUMER 1884b (In: MAGRETTI): 527 (description ♀, Aikota).

Neotypus semirufus KRIECHBAUMER, 1884: MAGRETTI 1885: 293 (Aikota), 353 (catalogue species collected by expedition).

Neotypus semirufus KRIECHBAUMER, 1884: DALLA TORRE 1902: 778 (catalogue Afrotropical region: East Africa including Eritrea).

Neotypus semirufus KRIECHBAUMER, 1884: BERTHOUMIEU 1904: 28 (world catalogue: East Africa including Eritrea).

Neotypus semirufus semirufus KRIECHBAUMER, 1884: HEINRICH 1967b: 268 (key ♀), 269-70 (key ♂), 271 (taxonomy, description ♀ ♂), 273 (taxonomy, description ♀ ♂, biology, Aikota (Sudan = Eritrea)), 295 (fig. 71), 296 (figs. 75, 77, 80).

Neotypus semirufus semirufus KRIECHBAUMER, 1884: TOWNES & TOWNES 1973: 244 (Aikota, catalogue Afrotropical region: Ethiopia = Eritrea).

Neotypus semirufus KRIECHBAUMER, 1884: YU & HORSTMANN 1997a: 669 (world catalogue: Ethiopia = Eritrea).

Neotypus semirufus KRIECHBAUMER, 1884: DILLER & BECK 2003: 35 (taxonomy, Eritrea without exact locality).

**Neotypus semirufus formosus* (TOSQUINET, 1896): HEINRICH 1967b: 268 (key ♀), 270 (key ♂), 274 (taxonomy, description ♀ ♂, Eritrea without exact locality).

Neotypus semirufus formosus (TOSQUINET, 1896): TOWNES & TOWNES 1973: 243 (catalogue Afrotropical region: Eritrea part of Ethiopia).

Neotypus semirufus ssp. *formosus* (TOSQUINET, 1896): YU & HORSTMANN 1997a: 670 (world catalogue).

Cillimus formosus TOSQUINET, 1896: DILLER & BECK 2003: 35 (synonym).

D i s t r i b u t i o n : Aikota – Eritrea without exact locality (HEINRICH 1967b).

Neotypus semirufus is also recorded from Ethiopia, Namibia, South Africa, Tanzania and Uganda.

Subfamily *Metopiinae*

Metopius eritreae MORLEY, 1912

- Metopius eritreae* sp.n.: MORLEY 1912: 75 (key), 81 (description ♀ = ♂ (RIEDEL 2016), Asmara).
Metopius (Peltocarus) eritreae (MORLEY, 1912): BENOIT 1965: 22 (taxonomy), 23 (tab.: distribution of species), 34 (key), 42 (taxonomy, description ♀ by J.F. Perkins (RIEDEL 2016), Asmara).
Metopius (Metopius) eritreae (MORLEY, 1912): TOWNES & TOWNES 1973: 193 (taxonomy, Asmara, catalogue Afrotropical region: Ethiopia = Eritrea).
Metopius (Metopius) eritreae MORLEY, 1912: YU & HORSTMANN 1997a: 719 (world catalogue: Ethiopia = Eritrea).
Metopius (Metopius) eritreae (MORLEY, 1912): RIEDEL 2016: 1644 (taxonomy, description ♂, Asmara (Ethiopia = Eritrea), 1666 (♀ unknown), 1668 (key ♂).

D i s t r i b u t i o n : Asmara.

Metopius eritreae is known only from Eritrea.

Subfamily *Ophiinae*

Dicamptus braunsii (KRIECHBAUMER, 1894)

- Dicamptus braunsii* (KRIECHBAUMER, 1894): GAULD & MITCHELL 1978: 16 (key), 17 (taxonomy, description ♀, no Eritrean material examined, but ENDERLEIN 1921 is cited), 171 (fig. 35), 172 (fig. 49), 234 (map 8: no Eritrean locality).
Dicamptus braunsii (KRIECHBAUMER, 1894): YU & HORSTMANN 1997a: 731 (world catalogue).
 **Henicospilus rufus* KRIECHBAUMER, 1894: ENDERLEIN 1921: 31 (description ♀, Asmara (Juli 1908 Kristensen) – misidentification (GAULD & MITCHELL 1978)).
 **Dicamptus kriechebaumeri* (DE DALLA TORRE, 1901): TOWNES & TOWNES 1973: 171 (catalogue Afrotropical region partim: Ethiopia = Eritrea).
 **Enicospilus capensis* (THUNBERG, 1822): TOWNES & TOWNES 1973: 174 (catalogue Afrotropical region partim: Ethiopia = Eritrea).

D i s t r i b u t i o n : Asmara.

Dicamptus braunsii is also recorded from Angola, Burundi, Democratic Republic of the Congo, Kenya, Malawi, Mozambique, Sierra Leone, South Africa, Tanzania (mainland, Zanzibar) and Uganda.

Enicospilus biimpressus (BRULLÉ, 1846)

- Enicospilus biimpressus* (BRULLÉ, 1846): GAULD & MITCHELL 1978: 40 (taxonomy), 41 (chart 1: key), 49 (key), 50 (key), 119 (taxonomy, description ♀ ♂, biology, Asmara), 202 (figs. 399-4029, 217 (figs. 619, 620), 225 (fig. 764), 229 (fig. 802), 266 (map 71)).
Enicospilus biimpressus (BRULLÉ, 1846): YU & HORSTMANN 1997a: 735 (world catalogue).

H o s t : *Pachypasa denticula* (BETHUNE-BAKER, 1908) (Lepidoptera, Lasiocampidae) (GAULD & MITCHELL 1978).

D i s t r i b u t i o n : Asmara.

Enicospilus biimpressus is also known from Benin, Central African Republic, Democratic Republic of the Congo, Ethiopia, Ivory Coast, Malawi, Nigeria, Republic of the Congo, Rwanda, Sierra Leone, South Africa, Tanzania, Uganda, Zambia and Zimbabwe.

***Enicospilus* sp.**

**Enicospilus ramidulus* (LINNAEUS, 1758): WALKER 1871: 2 (Harkeko).

Enicospilus ramidulus (LINNAEUS, 1758): INNES BEY 1911: 107 (Harkeko, catalogue Lord Collection, Cairo).

D i s t r i b u t i o n : Harkeko.

The record from Eritrea is probably a misidentification, because the Palaearctic *Enicospilus ramidulus* is not recorded from the Afrotropical region by TOWNES & TOWNES (1973), GAULD & MITCHELL (1978) and YU & HORSTMANN (1997a: 748 – WALKER 1871 not cited).

Subfamily Xoridinae***Xorides gloriosus* (SZÉPLIGETI, 1914)**

Cyanoxorides gloriosus n.sp.: SZÉPLIGETI 1914: 417 (key), 418 (description ♀, Ghinda).

Xorides (*Cyanoxorides*) *gloriosus* (SZÉPLIGETI, 1914): TOWNES & TOWNES 1973: 60 (taxonomy, type lost, Ghinda, catalogue Afrotropical region: Ethiopia = Eritrea).

Xorides gloriosus (SZÉPLIGETI, 1914): YU & HORSTMANN 1997b: 940 (world catalogue: Ethiopia = Eritrea).

D i s t r i b u t i o n : Ghinda.

Xorides gloriosus is recorded only from Eritrea.

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Zusammenfassung

Derzeit sind in Eritrea 21 Arten aus der Familie Ichneumonidae nachgewiesen, die sich auf sechs Unterfamilien verteilen. Aus der Unterfamilie Campopleginae sind zwei Arten aus den Gattungen *Diadegma* FÖRSTER, 1869 und *Dusona* CAMERON, 1901 bekannt, aus der Unterfamilie Cryptinae sechs Arten aus den Gattungen *Larpeletes* CAMERON, 1904, *Osprynchotus* SPINOLA, 1841 und *Zonocryptus* ASHMEAD, 1900, aus der Unterfamilie Ichneumoninae neun Arten aus den Gattungen *Aethiamblys* HEINRICH, 1967, *Afrobystra* HEINRICH, 1968, *Afromelanichneumon* HEINRICH, 1938, *Diphyus* KRIECHBAUMER, 1890, *Foveosculum* HEINRICH, 1938 und *Neotypus* FÖRSTER, 1869, aus der Unterfamilie Metopiinae eine Art aus der Gattung *Metopius* PANZER, 1806, aus der Unterfamilie Ophioninae zwei Arten aus den Gattungen *Dicamptus* SZÉPLIGETI, 1905 und *Enicospilus* STEPHENS, 1835 und aus der Unterfamilie Xoridinae eine Art aus der Gattung *Xorides* LATREILLE, 1809.

References

- AZIDAH A.A., FITTON M.G. & D.L.J. QUICKE (2000): Identification of the *Diadegma* species (Hymenoptera: Ichneumonidae, Campopleginae) attacking the diamondback moth, *Plutella xylostella* (Lepidoptera: Plutellidae). — Bulletin of Entomological Research **90**/5: 375-389.
- BENOIT P.L.G. (1965): Metopiinae (Hymenoptera Fam. Ichneumonidae). — Exploration du Parc National Albert. Mission G. F. De Witte (1933-1935) **100**/4: 21-96.

- BERTHOUMIEU V. (1904): Hymenoptera Fam. Ichneumonidae Subfam. Ichneumoninae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **18c**: 87 pp., 2 pls.
- CANNAVIELLO E. (1900): Contributo alla Fauna Entomologica della colonia Eritrea. — *Bullettino della Società Entomologica Italiana* **32/3**: 289-308.
- DALLA TORRE C.G. DE (1902): *Catalogus Hymenopterorum hucusque descriptorum systematicus et synonymicus. Volumen III: Trigonalidae, Megalyridae, Stephanidae, Ichneumonidae, Agriotypidae, Evaniidae, Pelecinidae.* — Leipzig (Wilhelm Engelmann): 545-1141.
- DILLER E. & R. BECK (2003): Taxonomische Veränderungen bei *Neotypus semirufus* KRIECHBAUMER, 1884 (Hymenoptera, Ichneumonidae, Ichneumoninae). — *Nachrichtenblatt Bayerischer Entomologen* **52/1-2**: 35-36.
- ENDERLEIN G. (1921): Beiträge zur Kenntnis außereuropäischer Ichneumoniden V. Über die Familie Ophionidae. — *Stettiner Entomologische Zeitung* **82/1**: 1-45.
- GAULD I.D. & P.A. MITCHELL (1978): The taxonomy, distribution and host preferences of African parasitic wasps of the subfamily Ophioninae. — *Slough (Commonwealth Agricultural Bureau)*: 287 pp.
- GHIGI A. (1911): Studio sistematico degli Ichneumonidi africani appartenenti al genere *Osprynchotus* SPINOLA. — *Annuario del Museo Zoologico della R. Università di Napoli (Nuova Serie)*, **3/17**: 14 pp.
- GHIGI A. (1915): Gli *Osprynchotus* della collezione Magretti. — *Annali del Museo Civico di Storia Naturale di Genova* **46**: 290-298.
- HEINRICH G.H. (1967a): *Synopsis and Reclassification of the Ichneumoninae Stenopneusticae of Africa south of the Sahara (Hymenoptera) Volume I. Introduction; Key to Tribes and Subtribes of Ichneumoninae Stenopneusticae; Synopsis of the Protichneumonini, Ceratojoppini, Ischnojoppini, Trogini.* — Farmington (Farmington State College Press): 3-250.
- HEINRICH G.H. (1967b): *Synopsis and Reclassification of the Ichneumoninae Stenopneusticae of Africa south of the Sahara (Hymenoptera) Volume II. Synopsis of the Oedicephalini, Listrodromini, Compsophorini, Ctenocalini, Platylabini, Eurylabini, Acanthojoppini.* — Farmington (Farmington State College Press): 253-480.
- HEINRICH G.H. (1967c): *Synopsis and Reclassification of the Ichneumoninae Stenopneusticae of Africa South of the Sahara (Hymenoptera) Volume III. Synopsis of the Ichneumonini: Subtribes Ichneumonina and Amblytelina.* — Farmington (Farmington State College Press): 483-692.
- HEINRICH G.H. (1968): *Synopsis and Reclassification of the Ichneumoninae Stenopneusticae of Africa South of the Sahara (Hymenoptera) Volume V. Synopsis of the Ichneumonini: Subtribe Cratichneumonina, Addenda and Index.* — Farmington (Farmington State College Press): 945-1258.
- INNES BEY W. (1911): Une liste d'Insectes recueillis probablement par J. Lord en Égypte et déterminés par F. Walker. — *Bulletin de la Société Entomologique d'Égypte* **4/1**: 97-115.
- LECLERCQ J. (1958): Genres *Oneillela* et *Osprynchotus* (Hymenoptera Ichneumonidae). Subfamily Cryptinae I. — *Parc National de l'Upemba. I. Mission G.F. De Witte en collaboration avec W. Adam, A. Janssens, L. Van Meel et R. Verheyen (1946-1949)* **50/6**: 61-68.
- LUHMAN J.C. & T. HUFLEJT (1999): The Type Material of Ichneumonidae (Hymenoptera) in the Museum and Institute of Zoology PAS, Warsaw. Part 1: Types of Species described by G. Enderlein. — *Bulletin of the Museum and Institute of Zoology PAS, Supplement to Annales Zoologici* **2**: 73-89.
- MAGRETTI P. (1884a): Raccolte imenotterologiche nell'Africa orientale. Relazione preventiva. — *Bullettino della Società Entomologica Italiana* **15/4**: 241-253.
- MAGRETTI P. (1884b): Risultati di raccolte imenotterologiche nell'Africa orientale. — *Annali del Museo Civico di Storia Naturale di Genova* **21**: 523-636.

- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.
- MAGRETTI P. (1906): Materiali per la conoscenza della Fauna Eritrea. Imenotteri. Fam. Mutillidi. Con appunti del viaggio in Colonia. — Bollettino de la Società Entomologica Italiana **37/1**: 3-96.
- MASI L. (1941): Note sugli *Osprynchotus* e diagnosi preliminare di una nuova specie (Hymen. Ichneum.). — Bollettino della Società Entomologica Italiana **73/6**: 92-96.
- MORLEY C. (1912): A Revision of the Ichneumonidae based on the Collection in the British Museum (Natural History) with Descriptions of new Genera and Species Part I. Tribes Ophionides and Metopiides. — London (Longman's & Co): XI + 88 pp., one pl.
- MORLEY C. (1919): On some Equatorial and other Species and Genera of African Ichneumoninae contained in the Collection of the British Museum. — Proceedings of the General Meetings for Scientific Business of the Zoological Society of London **1919/1-2**: 117-171.
- RIEDEL M. (2016): Contribution to the genus *Metopius* PANZER (Hymenoptera, Ichneumonidae, Metopiinae) from Africa South of Sahara. — Linzer Biologische Beiträge **48/2**: 1635-1675.
- SCHMIEDEKNECHT O. (1908): Hymenoptera Fam. Ichneumonidae Subfam. Cryptinae. — In: WYTSMAN P. (ed.), Genera Insectorum **75**: 165 pp., 4 pls.
- SZÉPLIGETI V. (1914): Ichneumoniden aus der Sammlung des Ungarischen National-Museums. I. — Annales Historico-Naturales Musei Nationalis Hungarici **12/1**: 414-434.
- SZÉPLIGETI V. (1916): Ichneumoniden aus der Sammlung des Ungarischen National-Museums. II. — Annales Historico-Naturales Musei Nationalis Hungarici **14/2**: 225-380.
- TOSQUINET J. (1896): Ichneumonides d'Afrique. — Mémoires de la Société Entomologique de Belgique **5**: 1-430.
- TOWNES H. & M. TOWNES (1962): Ichneumon-Flies of America North of Mexico: 3. Subfamily Gelinae, Tribe Mesostenini. — United States National Museum Bulletin **216/3**: IV + 602 pp.
- TOWNES H. & M. TOWNES (1973): A Catalogue and Reclassification of the Ethiopian Ichneumonidae. — Memoirs of the American Entomological Institute **19**: IV + 416 pp.
- WALKER F. (1871): A List of Hymenoptera collected by J.K. Lord, Esq. in Egypt, in the neighbourhood of the Red Sea, and in Arabia. With descriptions of the new species. — London (E.W. Janson): IV + 59 pp.
- WATERSTON J. (1927): On the Hedycryptine Genus *Oneilella*, CAM. (Hym., Ichneumonidae). — Bulletin of Entomological Research **18/2**: 189-204.
- YU D.S. & K. HORSTMANN (1997a): A Catalogue of World Ichneumonidae (Hymenoptera) Part 1: Subfamilies Acaenitinae to Ophioninae. — Memoirs of the American Entomological Institute **58/1**: V-VI, 1-763.
- YU D.S. & K. HORSTMANN (1997b): A Catalogue of World Ichneumonidae (Hymenoptera) Part 2: Subfamilies Orthocentrinae to Xoridinae. — Memoirs of the American Entomological Institute **58/2**: 764-1558.
- ZAVATTARI E. (1939): L'aeroplano quale trasportare di insetti vettori o attori di malattia. — Rivista di Biologia Coloniale **2/6**: 425-429.

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