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To the knowledge of the mutillid wasps of Greece (Hymenoptera, Mutillidae)

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Abstract

Fifty-four species in 20 genera are numbered for the Greece. Two genera: *Neotrogaspidia* LELEJ, *Cystomutilla* ANDRÉ and eight species: *Pseudophotopsis obliterata* (SMITH), *Dentilla persica* (SICHEL et RADOSZKOWSKI), *Physetopoda halensis* (FABRICIUS), *Ph. sericeiceps* (ANDRÉ), *Smicromyrme schwarzi* (SUÁREZ), *C. ruficeps* (SMITH), *N. hammeri* (SUÁREZ) and *Trogaspidia catanensis* (ROSSI) are newly recorded for this country. New synonymy is proposed: *Myrmilla corniculata* (SICHEL et RADOSZKOWSKI, 1869) = *M. corniculatina* SKORIKOV, 1927, **syn. n.**; *D. curtiventris* (ANDRÉ, 1901) = *S. erronea cretica* NONVEILLER, 1972, **syn. n.**

Key words: velvet ants, Mutillidae, Greece

Zusammenfassung

54 Arten aus 20 Gattungen der Familie Mutillidae wurden für Griechenland nachgewiesen. Die zwei Gattungen *Neotrogaspidia* LELEJ, *Cystomutilla* ANDRÉ sowie die folgenden acht Arten *Pseudophotopsis obliterata* (SMITH), *Dentilla persica* (SICHEL et RADOSZKOWSKI), *Physetopoda halensis* (FABRICIUS), *Ph. sericeiceps* (ANDRÉ), *Smicromyrme schwarzi* (SUÁREZ), *C. ruficeps* (SMITH), *N. hammeri* (SUÁREZ) und *Trogaspidia catanensis* (ROSSI) wurden erstmals für das Untersuchungsgebiet nachgewiesen. Es ergaben sich nachstehende Synonymisierungen: *Myrmilla corniculata* (SICHEL et RADOSZKOWSKI, 1869) = *M. corniculatina* SKORIKOV, 1927, **syn. n.**; *D. curtiventris* (ANDRÉ, 1901) = *S. erronea cretica* NONVEILLER, 1972, **syn. n.**

Introduction

The study of mutillid fauna of the Greece is still far from completed. NONVEILLER (1979b) recorded 43, and LELEJ (2002) 46 species for this country. At the same time for the former Yugoslavia which are located northwards of Greece 62 species of mutillids are known. We think that number of species in Greece must no less than in well studied Italy (75 species and subspecies). We enumerated below 54 species in 20 genera, two genera and eight species are newly recorded for this country.

Material

This paper is based on the material collected by L. & K. Standfuss in Greece in 1998-2002 (141 specimens, 34 species). They are collected mutillid wasps in one place (Platania, Volos) during several seasons. Each identified species from this material deposited in the collection of L. & K. Standfuss, another ones in collection of A.S. Lelej, Institute of Biology and Soil Science (IBSS). Valuable material from Naturkundemuseum Erfurt, Germany (NKE, curator F. Burger) and Zoological Institute, Russian Academy of Sciences (ZIN, curator V.I. Tobias) has been studied for this paper also.

List of the species

This section is based on recently published Catalogue of Palaearctic Mutillidae (LELEJ 2002) where the data about the type locality, synonymy and distribution for each species are given. New distribution data and species newly recorded to the Greek fauna are asterisked (*).

Subfamily *Myrmosinae* FOX 1894

1. Genus *Krombeinella* PATE 1947

1. *Krombeinella longicollis* (TOURNIER 1899)

Myrmosa longicollis TOURNIER 1889 – l'Entom. Genevois 1: 17, ♀ non ♂, type locality: "Sarepta" (Russia, environs of Volgograd), syntypes in Mus. d'Hist. Natur. Geneve.

Distribution: Slovakia, Romania, Bulgaria, Croatia, Serbia-Montenegro, Macedonia, Greece, Turkey, Ukraine, Russia (South European territory).

2. *Krombeinella nigriceps* (S.S. SAUNDERS 1850)

Myrmosa nigriceps S.S. SAUNDERS 1850 – Trans. Entom. Soc. London. Ser. 2, 1: 69, ♂, type locality: "Epirus, Nicopolin" (Greece), holotype in London Brit. Mus. Nat. Hist.

Material: Greece, Platania, Volos: 28.8.2002, 1♀, leg. L. STANDFUSS.

Distribution: Serbia-Montenegro, Albania, Greece, Turkey.

II. Genus *Paramyrmosa* SAUSSURE 1880

3. *Paramyrmosa bischoffi* (INVREA 1952)

Myrmosa bischoffi INVREA 1952 – Mem. Soc. entom. Ital. 31: 20, ♀, type locality: Thessaloniki, Greece, syntypes in Braun's coll., Willowmore (South Africa).

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

4. *Paramyrmosa brunnipes* (LEPELETIER 1845)

Myrmosa brunnipes LEPELETIER 1845 – Hist. nat. ins. Hymen. 3: 590, ♀, type locality: "Environs de Paris et Midi de la France", lectotype in Torino Mus. Reg. Sci. Natur. (designated by SUÁREZ 1988: 91).

S y n o n y m y : *Myrmosa cognata* COSTA 1858.

M a t e r i a l : Greece, Platania, Volos: 25.5.2000, 1 ♀, leg. L. STANDFUSS; Ioanina, 12 km NNE Metsovo, 1100 m, 27.5.2000, 1 ♂, leg. BLANK & KUTZSCHER [NKE].

D i s t r i b u t i o n : Germany, Poland, Belarus, Ukraine, Czechia, Slovakia, Austria, Hungary, Romania, Bulgaria, Greece, Albania, Slovenia, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Italy, France, Spain, Portugal, Russia (Central and South European territory), Armenia, Turkey.

Subfamily P s e u d o p h o t o p s i d i n a e BISCHOFF 1920

III. Genus *Pseudophotopsis* ANDRÉ 1896

5. *Pseudophotopsis syriaca* (ANDRÉ 1900)

Mutilla syriaca ANDRÉ 1900 – Spec. Hymen. d'Eur. et d'Alg. 8: 140, ♀, type locality: "Syrie, Palestine", syntypes in Mus. Nat. d'Hist. Natur. Paris.

M a t e r i a l : Greece: Tinos, [18]67, 1 ♀, leg. ERBER [ZIN].

D i s t r i b u t i o n : Greece, Syria, Palestine.

*6. *Pseudophotopsis obliterated* (SMITH 1855)

Mutilla obliterated SMITH 1855 – Cat. Hymen. 3: 8, ♂, type locality: "Albania", holotype in London Brit. Mus. Nat. Hist.

M a t e r i a l : Greece, Platania, Volos: 3.7.2001, 1 ♀, leg. K. STANDFUSS.

D i s t r i b u t i o n : Albania, *Greece, Cyprus.

R e m a r k s : The collected female belongs to second species of *Pseudophotopsis* in Greece. ASL think that it is hitherto unknown female of *P. obliterata*, because collecting site in Greece is close to type locality of *P. obliterata* (Albania). Female of *P. obliterata* easily differs from one of *P. syriaca* by smaller eyes which not protruding of head outline and head behind eyes 1.26 times longer their length (in *P. syriaca* eyes protruding of head outline and head behind the eyes 0.9 times of their length). By the eyes and mesosoma shape the female of *P. obliterata* very close to one of *P. armeniaca* SKORIKOV, 1935 and even the latter may be the synonym of the former, but these species differ by the males.

Subfamily Myrmillinae BISCHOFF 1920

IV. Genus *Blakeius* ASHMEAD 1903

7. *Blakeius bipunctatus* (LATREILLE 1792)

Mutilla bipunctata LATREILLE 1792 – Act. Soc. Hist. Nat. Paris 1: 10, ♀, type locality: "Gallo-provincia" (Provence, France), syntypes unknown.

S y n o n y m y : *Mutilla angusticollis* SPINOLA 1843, *M. tuberculata* LEPELETIER 1845, *M. bituberculata* SMITH 1855, *M. erythrothorax* SICHEL et RADOSZKOWSKI 1870.

D i s t r i b u t i o n : Spain, France, Italy, Greece, Cyprus, Syria, Morocco, Algeria, Tunisia.

V. Genus *Myrmilla* WESMAEL 1852

8. *Myrmilla (Myrmilla) calva* (VILLERS 1789)

Mutilla calva VILLERS 1789 – Caroli Linnaei Entomologica: 343, fig. 33, ♀, type locality: Marseilles (France), syntypes not found.

S y n o n y m y : *Mutilla calva* FABRICIUS 1798, *M. triareolata* SPINOLA 1841, *M. distincta* LEPELETIER 1845, *M. agrestis* LEPELETIER 1845, *M. incompleta* LEPELETIER 1845, *Rudia hastata* COSTA 1858, *Myrmilla calva* var. *andalusiana* SKORIKOV 1927, *M. calva* f. *seminigra* HOFFER 1938, *M. calva* f. *perparvula* INVREA 1958, *M. calva* f. *semirubra* NONVEILLER 1972.

M a t e r i a l : Greece, Platania, Volos: 13.3.2001, 1♀; 18.3.2001, 1♀; 19.5.2001, 1♀; 16.3.2002, 1♀; 21.3.2002, 1♀; 6.4.2002, 1♀; 22.4.2002, 1♀; 11.5.2002, 1♀; 9.6.2002, 1♂; 29.9.2002, 1♀, leg. L. & K. Standfuss.

D i s t r i b u t i o n : Austria, Czechia, Slovakia, Hungary, Germany, Switzerland, Romania, Albania, Slovenia, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Bulgaria, Greece, Italy, France, Spain, Portugal, Turkey, Morocco, Tunisia, Libya, Egypt.

9. *Myrmilla (Myrmilla) corniculata* (SICHEL et RADOSZKOWSKI 1869)

Mutilla corniculata SICHEL & RADOSZKOWSKI 1869 – Horae Soc. Ent. Ross. 6(1/2): 163, ♀, type locality: "France meridionale, Grece, Syra, Corfou, Caucase, Crimée, Anatolie", syntypes in Krakow Inst. Syst. Exper. Zool. and Zool. Muz. Berlin.

Myrmilla corniculatina SKORIKOV 1927 – Ezhegodnik Zool. Mus. AN SSSR 28(1): 37, ♀, type locality: "Tinos, Graecia", holotype in ZIN, examined, syn. n.

S y n o n y m y : *Mutilla corniculata* GERSTAECKER 1862.

Material: Greece, Platania, Volos: 26.6.2002, 1♀; 4.7.2002, 1♀, leg. L. STANDFUSS; Greece, Macedonia, Leptokaria, 9-10.7.1993, 1♂ 5♀, leg. JACOBS [NKE].

Distribution: ? France (south), Greece, Syria, Palestine, Turkey, Iran.

Remarks: ASL studied the collected male and found it very similar (including genitalia structure, gastral sternum 8, mandibular shape and wing venation) with one of *M. caucasica* (KOLENATI 1846) (see description of the latter one in LELEJ 1985). The female of *M. corniculata* similar with one of *M. caucasica* in having hind coxae without inner denticle but differs by much longer curved posterad processus on gastral sternum 1 (conical carina or small processus in *M. caucasica*). Additional specimens, especially smaller ones of female *M. corniculata* must be studied for the clarifying of variability of processus on gastral sternum 1.

10. *Myrmilla (Myrmilla) erythrocephala* (LATREILLE 1792)

Mutilla erythrocephala LATREILLE 1792 – Act. Soc. Hist. Nat. Paris 1: 8, ♀, type locality: Provence, France, syntypes in Mus. Nat. d'Hist. Natur. Paris.

Synonymy: *Mutilla latreillei* MEYER 1794, *M. cornuta* OLIVIER 1811, *Rudia megacephala* COSTA 1858, *M. bison* COSTA 1887.

Distribution: Czechia, Slovakia, Austria, Hungary, Croatia, Serbia-Montenegro, Macedonia, Bulgaria, Greece, Italy, France (south), Spain, Portugal, Cyprus, Lebanon, Palestine, Tunisia, Egypt.

11. *Myrmilla (Myrmilla) lezginica* (RADOSZKOWSKI 1885)

Mutilla lezginica RADOSZKOWSKI 1885 – Horae Soc. Ent. Ross. 19(1/2): 16, ♀ non ♂, type locality: Daghestan (Russia: north Caucasus), syntypes in Krakow Inst. Syst. Exper. Zool.

Synonymy: *Mutilla subcornuta* MORAWITZ 1893, *Myrmilla kokujevi* SKORIKOV 1927, *M. susiana* SKORIKOV 1927.

Material: Greece, Platania, Volos: 19.5.2001, 1♂; 25.4.2002, 1♀; 2.5.2002, 1♀; 7.6.2002, 1♀; 14.10.2002, 1♀ 1♂, leg. L.& K. STANDFUSS.

Distribution: Serbia-Montenegro, Macedonia, Greece, Bulgaria, Romania, Ukraine, Russia (South European territory), Georgia, Azerbaijan, Uzbekistan, Turkmenistan, Syria, Palestine, Turkey, Iran.

12. *Myrmilla (Myrmilla) mutica* (ANDRÉ 1903)

Mutilla erythrocephala var. *mutica* ANDRÉ 1903 – Spec. Hymen. d'Eur. et d'Alg. 8: 433, ♀, type locality: "Dalmatia, Istrie, Moree, Caucase, Egypte", syntypes in Mus. Nat. d'Hist. Natur. Paris.

Synonymy: *Myrmilla ecornuta* SKORIKOV 1927, *M. corniculata* var. *hamata* SKORIKOV 1927.

Distribution: Romania, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Greece, Italy, Egypt.

13. *Myrmilla (Pseudomutilla) capitata* (LUCAS 1849)

Mutilla capitata LUCAS 1849 – Explor. sci. de l'Alg. 3: 290, ♂, type locality: "Lacalle" (Algeria), syntypes in Mus. Nat. d'Hist. Natur. Paris.

S y n o n y m y : *Mutilla parvicollis* COSTA 1860, *Pseudomutilla sardiniensis* COSTA 1885, *M. olcese* TOURNIER 1895.

D i s t r i b u t i o n : Hungary, Austria, Serbia-Montenegro, Bulgaria, Greece, Italy, France (south), Spain, Portugal, Syria, Morocco, Algeria, Tunisia, Lybia, Egypt.

14. *Myrmilla (Pseudomutilla) glabrata* (FABRICIUS 1775)

Mutilla glabrata FABRICIUS 1775 – Systema entomologicae: 398, ♂, type locality: "Habitat in Oriente" (? Egypt), holotype in Copenhagen Univ. Zool. Mus.

S y n o n y m y : *Mutilla ciliata* FABRICIUS 1793, *M. fraterna* BAER 1848, *M. cephalica* SICHEL et RADOSZKOWSKI 1869, *Myrmilla sarmatica* SKORIKOV 1927, *M. sarmatica* var. *beljgovskii* SKORIKOV 1927.

M a t e r i a l : Greece, Platania, Volos: 20.9.2002, 1♂, leg. L. STANDFUSS.

D i s t r i b u t i o n : Austria, Hungary, Romania, Bulgaria, Serbia-Montenegro, Macedonia, Greece, Ukraine, Russia (South European territory), Kazakhstan, Uzbekistan, Turkey, Syria.

15. *Myrmilla (Pseudomutilla) vutshetitshi* SKORIKOV 1927

Myrmilla vutshetitshi SKORIKOV 1927 – Ezhegodnik Zool. Mus. AN SSSR 28(1): 41, ♀, type locality: Cape Menganam near Tokluk, Crimea (Ukraine), lectotype in St. Petersburg Zool. Inst. (designated by LELEJ 1985: 107).

S y n o n y m y : *Myrmilla capitata kudsasi* INVREA 1965.

M a t e r i a l : Greece, Platania, Volos: 2.5.2002, 1♀; 28.8.2002, 1♂, leg. K. STANDFUSS.

D i s t r i b u t i o n : Austria, Romania, Bulgaria, Greece, Ukraine, Turkey, Syria.

VI. Genus *Platymyrmilla* ANDRÉ 1900

16. *Platymyrmilla quinquefasciata* (OLIVIER 1811)

Mutilla quinquefasciata OLIVIER 1811 – Encyclopedie methodique 8: 60, ♀, type locality: "en Arabie en Perse" (Iran), syntypes in Mus. Nat. d'Hist. Natur. Paris.

M a t e r i a l : Greece, Platania, Volos: 6.7.2002, 1♂; 7.7.2002, 1♀, leg. L. STANDFUSS. Bulgaria: Kovatzite, 24.5-2.6.1967, 1♀, leg. Schultze [NKE].

D i s t r i b u t i o n : Hungary, Romania, *Bulgaria, Macedonia, Greece, Moldova, Georgia, Armenia, Azerbaijan, Palestine, Syria, Turkey, Iran, Iraq.

Subfamily Mutilinae LATREILLE 1802

Tribe Mutillini LATREILLE 1802

VII. Genus *Ctenotilla* BISCHOFF 1920

17. *Ctenotilla caeca* (RADOSZKOWSKI 1879)

Mutilla caeca RADOSZKOWSKI 1879 – Horae Soc. Ent. Ross. 15: 150, ♂, type locality: "Caucasus", holotype in Krakow Inst. Syst. Exper. Zool.

Synonymy: *Mutilla pectinifera* ANDRÉ 1893, *Ctenotilla pectinifera* var. *obscura* NONVEILLER 1959.

Material: Greece, Platania, Volos: 29.6.2002, 2♂♂; 26, 28.8.2002, 2♀♀, leg. L.& K. STANDFUSS.

Distribution: Ukraine (Crimea), Romania, Bulgaria, Greece, Croatia, Serbia-Montenegro, Macedonia, Armenia, Azerbaijan, Turkey, Iran, Syria.

VIII. Genus *Mutilla* LINNAEUS 1758

18. *Mutilla quinquemaculata* CYRILLO 1787

Mutilla quinquemaculata CYRILLO 1787 – Entomologiae neapolitanae: tab. 7, fig. 2, ♀, type locality: "Apulia, Nicodemus" (Italy), syntypes unknown.

Synonymy: *Mutilla quinquepunctata* OLIVIER 1811, *M. quadrinotata* KLUG 1829.

Material: Greece, Platania, Volos: 28.5.2001, 1♀; 15.5.2002, 1♀, leg. L.& K. STANDFUSS.

Distribution: Spain, France, Italy, Malta, Croatia, Greece, Ukraine (Crimea), Cyprus, Syria, Palestine, Algeria, Egypt.

IX. Genus *Ronisia* COSTA 1858

19a. *Ronisia brutia brutia* (PETAGNA 1787)

Mutilla brutia PETAGNA 1787 – Specimen insectorum: 33, fig. 37, ♀, type locality: "in planis Silvae nobilis vulgo Aspromonte" (Italy), syntypes unknown.

Synonymy: *Mutilla sexmaculata* CYRILLO 1787, *M. hungarica* FABRICIUS 1793, *M. confusa* LEPELETIER 1845, *M. monspeliensis* LEPELETIER 1845, *M. sexmaculata* BAER 1848, *M. robusta* SMITH, 1855, *Ronisia torosa* COSTA 1858, *M. sericeiventris* COSTA 1864, *M. taurica* RADOSZKOWSKI 1865, *M. discoidalis* RADOSZKOWSKI 1865, *M. morawitzii* DALLA TORRE 1897.

Material: Greece, Platania, Volos: 18.5.2001, 1♀; 5.6.2002, 1♀; 28.8.2002, 1♂ 2♀♀; 2.9.2002, 1♂, leg. L.& K. STANDFUSS.

Distribution: Austria, Czechia, Slovakia, Germany (south), France, Italy, Malta, Croatia, Serbia-Montenegro, Macedonia, Greece, Bulgaria, Turkey, Ukraine, Russia (South European territory, South Ural), Turkey, Kazakhstan (west).

19b. *Ronisia brutia minoensis* NONVEILLER 1972

Ronisia barbara minoensis NONVEILLER 1972 – Acta entom. Jugosl. 7(2): 5, ♀, type locality: "Iraklion, Crete" (Greece), holotype in Nonveiller's coll., Zemun.

D i s t r i b u t i o n : Greece (Crete, Karpatos).

X. Genus *Tropidotilla* BISCHOFF 1920

20. *Tropidotilla griseescens* (LEPELETIER 1845)

Mutilla griseescens LEPELETIER 1845 – Hist. nat. ins. Hymen. 3: 626, ♂, type locality: "Saint-Germain-en-Laye" (France), syntypes in Mus. Nat. d'Hist. Natur. Paris.

S y n o n y m y : *Mutilla vulnericeps* COSTA 1860, *M. striligata* SICHEL et RADOSZKOWSKI 1870.

M a t e r i a l : Greece, Platania, Volos: 4.5.2002, 1 ♀; 21.8.2002, 1 ♂, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : Ukraine (Crimea), Greece, Croatia, Serbia-Montenegro, Macedonia, Italy, France, Algeria.

21. *Tropidotilla litoralis* (PETAGNA 1787)

Mutilla litoralis PETAGNA 1787 – Specimen insectorum: 33, ♀, type locality: Calabria, Brancaleone (Italy); syntypes unknown.

S y n o n y m y : *Mutilla italica* FABRICIUS 1793, *M. indigena* ILLIGER 1807, *M. graeca* LEPELETIER 1845, *M. iberica* KOLENATI 1846, *M. salentina* COSTA 1858, *M. simplica* RADOSZKOWSKI 1865, *M. pauperata* SICHEL et RADOSZKOWSKI 1870, *Tropidotilla litoralis* f. *bimaculata* INVREA 1965, *T. litoralis* f. *verticichroma* INVREA, 1965.

M a t e r i a l : Greece, Platania, Volos: 16.4.2000, 1 ♀; 2.6.2000, 1 ♂; 17.7.2001, 1 ♀; 24.4.2002, 1 ♀; 9.5.2002, 1 ♀; 11.5.2002, 1 ♀; 21.6.2002, 1 ♂, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : Spain, Portugal, France, Belgium, Switzerland, Austria, Hungary, Czechia, Romania, Bulgaria, Croatia, Serbia-Montenegro, Macedonia, Albania, Greece, Italy, Ukraine, Russia (South European territory), Georgia, Armenia, Azerbaijan, Turkmenistan (Kopet-Dag), Iran (north), Turkey, Syria, Palestine, Morocco, Algeria, Egypt.

22. *Tropidotilla sareptana* (ANDRÉ 1901)

Mutilla sareptana ANDRÉ, 1901 – Spec. Hymen. d'Eur. et d'Alg. 8: 246, ♀, type locality: "Sarepta" (=Volgograd) (Russia), holotype in Mus. Nat. d'Hist. Natur. Paris.

M a t e r i a l : Greece, Platania, Volos: 18.8.2002, 2 ♀ ♀; 25.8.2002, 1 ♂, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : Macedonia, Greece, Russia (South European territory), Armenia, Azerbaijan.

Tribe *Smicromyrmini* BISCHOFF 1920

XI. Genus *Dentilla* LELEJ 1980

23. *Dentilla curtiventris* (ANDRÉ 1901)

Mutilla curtiventris ANDRÉ 1901 – Spec. Hymen. d'Eur. et d'Alg. 8: 269, ♀, type locality: "Adampol" (Turkey), holotype in Naturhist. Mus. Wien.

Smicromyrme erronea cretica NONVEILLER 1972 – Acta entom. Jugosl. 7(2): 7, ♂, type locality: "Creta, Iraklion" (Greece), holotype in Nonveiller's coll. Zemun, syn. n.

Synonymy: *Mutilla viduata* var. *rubescens* ANDRÉ 1901, *Smicromyrme errana* NONVEILLER 1958, *S. errana* var. *nigrescens* NONVEILLER 1958, *S. errana* f. *rutilans* NONVEILLER 1972.

Material: Greece, Platania, Volos: 17.5.2001, 1♂; 30.6.2001, 1♂; 7.7.2001, 1♀; 6.9.2001, 1♀; 5, 10.6.2002, 2♂♂; 18, 25.8.2002, 2♂♂; 26.8.2002, 2♀♀, leg. L. & K. STANDFUSS; Rhodos, Ixia, 1-4.9.1962, 2♂♂, leg. PMF Verhoeff, "*Smicromyrme erronea* (ANDRÉ), J. SUÁREZ det., 1963" [IBSS]; Lakonia, 5 km S Monemvasia, 22.8.1983, 1♂, leg. G. CHRISTENSEN [IBSS]; the same place, 26-31.8.1983, 1♂, leg. Zool. Mus. Copenh. Exped. "*Smicromyrme erronea* (ANDRÉ), B. PETERSEN det., 1984" [IBSS].

Distribution: Italy, Greece, Serbia-Montenegro, Macedonia, Albania; Turkey, Syria, Azerbaijan, Armenia.

Remarks: The males and females of this species have been collected in one place during two years that permit us to synonymize *Dentilla cretica* under *D. curtiventris*.

24. *Dentilla erronea* (ANDRÉ 1902)

Mutilla erronea ANDRÉ 1902 – Spec. Hymen. d'Eur. et d'Alg. 8: 362, ♂, type locality: "Albanie, Grece, Corfou, Syra, Micamos, Genes", syntypes in Krakow Inst. Syst. Exper. Zool.

Material: Greece, Platania, Volos: 17.10.2000, 2♀♀; 28.9.2002, 1♀; 29.9.2002, 1♀, leg. L. & K. STANDFUSS; Poros, 1♂, leg. V. LEONARDI [NKE]; Bulgaria: Burgas, Arkutino, 20.6-3.7.1970, 1♂, leg. WALLIS [NKE]; Kovatzite, 6.1966, 1♂, leg. J. SCHULZE [NKE].

Distribution: *Bulgaria, Albania, Serbia-Montenegro, Greece, Italy, Turkey, Algeria.

Remarks: NAGY (1972) described the female of *Dentilla persica* from Turkey under the name of *Smicromyrme errana*. The female specimens from Greece (see above) probably is the true female of *D. erronea*. Additional evidence of such combination may be the old collection of several males and female in Corfu [Kerkira], 1867, leg. ERBER [ZIN]. By the three pale basal spots the female of *D. erronea* similar with one of *D. weidneri* (NAGY) from Iran (NAGY 1971), but differs in having more quadrangulate gastral segment 2 (with rounded lateral sides in *weidneri*), lateral basal spots of gastral tergum 2 disposed on one transversal line (behind of half medial basal spot in *weidneri*).

*25. *Dentilla persica* (SICHEL et RADOSZKOWSKI 1870)

Mutilla persica SICHEL & RADOSZKOWSKI 1870 – Horae Soc. Ent. Ross. 6(3/4): 269, ♂, type locality: "Persia" (Iran), syntypes in Krakow Inst. Syst. Exper. Zool.

Material: Greece, Platania, Volos: 5.6.2002, 1♀; 23.6.2002, 1♂; 28.6.2002, 1♀; 5.7.2002, 1♀; 18.8.2002, 1♂; 20.8.2002, 1♀; 24.9.2002, 1♀, leg. L. & K. STANDFUSS.

Distribution: *Greece, Azerbaijan, Armenia, Iran, Turkey, Palestine.

XII. Genus *Nemka* LELEJ 1985

26a. *Nemka viduata viduata* (PALLAS 1773)

Mutilla viduata PALLAS 1773 – Reisen ... Russischen Reiches 2: 730, ♂, type locality: "Lecta cun praecedenti (ad Irtin locis australioribus)" (Shulba river near Semipalatinsk, Kazakhstan), syntypes probably in Zool. Mus. Berlin.

Synonymy: *Tiphia stridula* ROSSI 1790, *Mutilla coronata* ROSSI 1792, *M. coronata* FABRICIUS 1793, *M. paedemontana* FABRICIUS 1794, *M. togata* AHRENS 1812.

Material: Greece, Platania, Volos: 12.7.2001, 1♀; 26.6.2002, 1♂; 28.6.2002, 1♂; 21.8.2002, 1♀; 29.9.2002, 1♀; 6.10.2002, 1♀, leg. L. & K. STANDFUSS.

Distribution: Ukraine, Spain, France, Italy, Malta, Greece, Slovenia, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Albania, Austria, Germany (south), Bulgaria, Hungary, Romania, Czechia, Slovakia, Russia (South European territory, South Ural, Altai), Turkey, Syria, Georgia, Azerbaijan, Armenia, Kazakhstan, Mongolia (north-west).

26b. *Nemka viduata macquarti* (LEPELETIER 1845)

Mutilla macquarti LEPELETIER 1845 – Hist. nat. ins. Hymen. 3: 633, ♂, type locality: "Probablement du Midi de la France", syntypes in Mus. Nat. d'Hist. Natur. Paris.

Distribution: Greece (Crete), France.

XIII. Genus *Physetopoda* SCHUSTER 1949

27. *Physetopoda cingulata* (COSTA 1858)

Mutilla cingulata COSTA 1858 – Fauna regno Napoli: 15, tab. 21, fig. 4, ♂, type locality: "Terra d'Otranto" (Italy), holotype in Mus. Zool. Univ. Napoli.

Synonymy: *Smicromyrme rudolfae* LELEJ 1984.

Material: Greece, Platania, Volos: 12.10.2000, 1♂; 26.9.2002, 1♂; L. & K. STANDFUSS.

Distribution: Italy, Greece, Hungary, Russia (south-east of South European territory), Kazakhstan.

28. *Physetopoda daghestanica* (RADOSZKOWSKI 1885)

Mutilla daghestanica RADOSZKOWSKI 1885 – Horae Soc. Ent. Ross. 19(1/2): 24, fig. 22, ♂, type locality: "Banat" (Hungary), lectotype in Krakow Inst. Syst. Exper. Zool. (designated by PETERSEN 1988: 169).

Smicromyrme subcomata: PETERSEN 1988 – Steenstrupia 14(6): 167, ♂ non ♀.

Smicromyrme daghestanica: SCHMID-EGGER & PETERSEN 1993 – NachrBl. bayer. Ent. 42(2): 53.

Synonymy: *Smicromyrme montata* f. *moravica* HOFFER 1936, *S. variabilis* HOFFER 1938, *S. variabilis* f. *maculata* HOFFER 1938, *S. variabilis* f. *lineata* HOFFER 1938, *S. variabilis* f. *obenbergeri* HOFFER, 1938, *S. variabilis* f. *conversa* HOFFER 1938.

Material: Greece: Peloponnes, Kermitsa near Diakopton, 500 m, 15-22.7.1994, 9♂♂, leg. J.GELBRECHT & E.SCHWABE [NKE].

Distribution: France, Italy, Germany, Czechia, Slovakia, Austria, Switzerland, Hungary, Romania, Croatia, Greece, Ukraine, Russia (South European territory, Altai), Kazakhstan.

***29. *Physetopoda halensis* (FABRICIUS 1787)**

Mutilla halensis FABRICIUS 1787 – Mantissa Insectorum 1: 312, ♀, type locality: "Halae Saxonum" (Germany), syntypes lost, neotype in Mus. Nat. d'Hist. Natur. Paris. (designated by PETERSEN 1988: 163).

Synonymy: *Mutilla ephippium* FABRICIUS 1793, *M. montana* PANZER 1805; *M. schenki* SCHMIEDEKNECHT 1907, *Smicromyrme punctata pseudomontana* HOFFER 1936, *S. montana* f. *susterai* HOFFER 1936, *S. compacta* f. *melaclena* INVREA 1958, *S. subalpina* RESSL 1960.

Material: Greece, Platania, Volos: 2.7.1998, 1♂; 28.2.2002, 1♀; 20, 25.9.2002, 2♀♀, leg. L.& K. STANDFUSS. Bulgaria: Ivanski near Schumen, 15-30.7.1969, 1♂, leg. WALLIS [NKE].

Distribution: Germany, Czechia, Slovakia, Austria, Switzerland, Italy, Romania, Slovenia, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, *Bulgaria, *Greece, Ukraine, Russia (South European territory, South Ural, Altai), Kazakhstan.

30. *Physetopoda pusilla* (KLUG 1835)

Mutilla pusilla KLUG 1835 – Reise d. Tirol 2: 91, ♀, type locality: "Andalousie Puertoreal" (Spain), syntypes in Zool. Mus. Berlin.

Material: Greece, Platania, Volos: 8.4.2001, 1♀, leg. K. STANDFUSS.

Distribution: Croatia, Albania, Greece, Spain, Cyprus, Algeria, Morocco.

31. *Physetopoda rubrocincta* (LUCAS 1849)

Mutilla rubrocincta LUCAS, 1849 – Explor. sci. de l'Alg. 3: 289, tab. 15, fig. 12, ♂, type locality: "Algeria, La Calle", lectotype in Mus. Nat. d'Hist. Natur. Paris. (designated by PETERSEN 1988: 170).

Synonymy: *Physetopoda insularis* SCHUSTER 1949, *Smicromyrme jacobi* INVREA, 1953.

Distribution: Serbia-Montenegro, Albania, Greece, Italy, France, Spain, Portugal, Algeria, Tunisia, Morocco.

32. *Physetopoda scutellaris* (LATREILLE 1792)

Mutilla scutellaris LATREILLE 1792 – Act. Soc. Hist. Nat. Paris 1: 10, ♂, type locality: "Habitat in provincia Inculismensi" (France), neotype in Copenhagen Univ. Zool. Mus. (designated by PETERSEN 1988: 192).

Synonymy: *Mutilla bimaculata* JURINE 1807, *M. subcomata* WESMAEL 1852, *Smicromyrme subcomata* f. *nigricollis* HOFFER 1936, *S. bimaculata* f. *castellaneta* PAGLIANO 1983.

M a t e r i a l : Greece, Platania, Volos: 7, 13, 17.10.2000, 3 ♀ ♀; 28.6.2002, 1 ♂; 19.8.2002, 1 ♂; 18, 23, 24, 27, 30.9.2002, 5 ♀ ♀; 14.10.2002, 1 ♀; 13.10.2002, 1 ♀, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : Spain, France, Italy, Germany, Czechia, Slovakia, Austria, Switzerland, Romania, Hungary, Slovenia, Croatia, Serbia-Montenegro, Greece, ?Russia, Armenia, Turkey, ?Algeria, ?Tunisia.

***33. *Physetopoda sericeiceps* (ANDRÉ 1901)**

Mutilla subcomata var. *sericeiceps* ANDRÉ 1901 – Spec. Hymen. d'Eur. et d'Alg. 8: 265, ♀, type locality: "Corse" (France), lectotype in Mus. d'Hist. Natur. Paris (designated by PETERSEN 1988: 167).

S y n o n y m y : *Smicromyrme moltonii* INVREA 1955.

M a t e r i a l : Greece, Platania, Volos: 9.5.2002, 1 ♀, leg. K. STANDFUSS.

D i s t r i b u t i o n : Hungary, Serbia-Montenegro, *Greece, Italy, France, Portugal, Spain.

XIV. Genus *Smicromyrme* THOMSON 1870

34. *Smicromyrme (Astomyrme) ausonia* INVREA 1950

Smicromyrme ausonia INVREA 1950 – Mem. Soc. entom. Ital. 29: 23, ♂, type locality: "Liguria, Varazze" (Italy), holotype in Genova Mus. Civ. Stor. Natur.

S y n o n y m y : *Smicromyrme sabatia* INVREA 1953.

M a t e r i a l : Greece, Platania, Volos: 16.4.2001, 1 ♀; 11.5.2002, 1 ♀, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : France (Corsica), Italy, Greece, Ukraine (Crimea), Moldova, Russia (South European territory, South Ural), Kazakhstan, Turkmenistan (Kopet-Dag), Cyprus.

35. *Smicromyrme (Astomyrme) cristinae* LO CASCIO 2000

Smicromyrme cristinae LO CASCIO 2000 – Fragm. entomol. 32(2): 305, ♀, type locality: Cyclades (Greece), holotype in Mus. Stor. Nat. Univ. Florence.

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

36. *Smicromyrme (Eremotilla) nigriceps* NONVEILLER 1959

Smicromyrme orientalis var. *nigriceps* NONVEILLER 1959 – Zastita bilja 54: 115, ♀, type locality: "Thessalonique" (Greece), holotype in Nonveiller's coll., Zemun.

S y n o n y m y : *Smicromyrme orientalis* NONVEILLER 1959, *S. orientalis* var. *maculata* NONVEILLER 1959, *S. orientalis* f. *afasciata* NONVEILLER 1972, *S. pseudoorientalis* NONVEILLER 1979.

M a t e r i a l : Greece, Platania, Volos: 28.8.2002, 1 ♀; 22, 23, 30.9.2002, 3 ♀ ♀; 10.10.2002, 1 ♀, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : Ukraine (Crimea), Greece, Serbia-Montenegro, Macedonia, Russia (South European territory), Georgia, Armenia, Azerbaijan, Turkmenistan (Kopet-Dag), Iran (north).

37. *Smicromyrme (Eremotilla) nonveilleri* INVREA 1954

Smicromyrme nonveilleri INVREA 1954 – Mem. Soc. entom. Ital. 32: 154, ♀, type locality: "Montenegro" (Serbia-Montenegro), syntypes in Genova Mus. Civ. Stor. Natur. and Nonveiller's coll., Zemun.

M a t e r i a l : Greece, Platania, Volos: 19.5.2001, 1♀; 9, 29.6.2002, 2♀♀; 20.8.2002, 1♀; 26.8.2002, 1♀; 22.9.2002, 1♀, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : Romania, Croatia, Greece.

***38. *Smicromyrme (Eremotilla) schwarzi* SUÁREZ 1975**

Smicromyrme schwarzi SUÁREZ 1975 – Arch. Inst. Aclimat. 20: 165, fig. 3, 7, 10, ♂, type locality: "Antakya" (Turkey), holotype in Suárez's coll. Almeria.

M a t e r i a l : Greece, Peloponisos, 5 km S Monemvasia, 25-31.8.1983, 1♂, leg. Zool. Muz. Copenh. Exped., "*Smicromyrme schwarzi* SUÁREZ, B. PETERSEN det. 1984"; the same place, 10.8.1983, 1♂, leg. G. CHISTENSEN, "*Smicromyrme schwarzi* SUÁREZ, B. PETERSEN det. 1984" [both in IBSS].

D i s t r i b u t i o n : *Greece, Ukraine (south), Georgia, Azerbaijan, Turkey.

39. *Smicromyrme (Eremotilla) vladani* NONVEILLER 1972

Smicromyrme vladani NONVEILLER 1972 – Acta entom. Jugosl. 7(2): 8, ♀, type locality: Crete, Iraklion (Greece), holotype in Nonveiller's coll., Zemun.

S y n o n y m y : *Smicromyrme vladani* f. *infuscata* NONVEILLER 1972, *S. vladani* f. *deminuta* NONVEILLER 1972.

D i s t r i b u t i o n : Greece (Crete).

40. *Smicromyrme (Erimyrme) pulawskii* SUÁREZ 1975

Smicromyrme pulawskii SUÁREZ 1975 – Arch. Inst. Aclimat. 20: 159, figs 2, 6, 9, ♂, type locality: "Aitos" (Bulgaria), holotype in Suárez's coll., Almeria.

S y n o n y m y : *Smicromyrme rufipes* var. *ambigua* INVREA 1954.

M a t e r i a l : Greece, Platania, Volos: 30.8.2001, 1♂; 30.8.2002, 1♂, leg. L. STANDFUSS; Peloponisos, 5 km S Monemvasia, 11.7.1983, 1♂, leg. G. CHRISTENSEN, "*Smicromyrme pulawskii* SUÁREZ, B. PETERSEN det. 1984"; the same place, 26-31.8.1983, 1♂, leg. Zool. Muz. Copenh. Exped., "*Smicromyrme pulawskii* SUÁREZ, B. PETERSEN det. 1984" [IBSS].

D i s t r i b u t i o n : Bulgaria, Greece (Rhodes), Turkey.

R e m a r k s : Quite possible that *Smicromyrme pulawskii* is the opposite sex of *S. nonveilleri* INVREA.

41. *Smicromyrme (Erimyrme) sicana* (DE STEFANI 1887)

Mutilla ephippium var. *sicana* DE STEFANI 1887 – Natural. Sicil. 6: 62, ♂, type locality: Sicily (Italy), lectotype in Mus. Nat. d'Hist. Natur., Paris. (designated by PETERSEN 1988: 194).

S y n o n y m y : *Smicromyrme pusilla septentrionalis* HOFFER 1936, *S. pusilla septentrionalis* f. *gregory* HOFFER 1936, *S. rufipes* var. *lutescens* INVREA 1954.

Distribution: France, Italy, Serbia-Montenegro, Croatia, Albania, Greece, Hungary, Austria, Ukraine, Czechia, Slovakia, Romania, Turkey, Russia (South European territory, South Ural, Altai), Turkey, Syria.

42. *Smicromyrme (Smicromyrme) ruficollis ruficollis* (FABRICIUS 1793)

Mutilla ruficollis FABRICIUS 1793 – *Entomologia systematica* 2: 371, ♂, type locality: "In Italia" (Italy), lectotype in Copenhagen Univ. Zool. Mus. (designated by PETERSEN 1988: 188).

Synonymy: *Smicromyrme kiritshenkoae* SKORIKOV 1935.

Material: Greece, Platania, Volos: 11.5.2002, 1 ♀; 30.6.2002, 1 ♀, leg. L.STANDFUSS.

Distribution: Austria, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Greece, Bulgaria Italy,, Spain, France, Malta, Ukraine, Russia (Altai), Kazakhstan, Turkey.

43. *Smicromyrme partita partita* (KLUG 1835)

Mutilla partita KLUG 1835 – *Reise d. Tirol* 2: 91, ♀, type locality: "Andalousie, Puertoreal" (Spain), syntypes in Zool. Mus. Berlin.

Synonymy: *Mutilla unimaculata* LUCAS 1849, *M. hispanica* SICHEL et RADOSZKOWSKI 1870.

Distribution: Spain, Portugal, France (south), Italy, Malta, Greece, Serbia-Montenegro, Tunisia, Algeria, Morocco.

44. *Smicromyrme terricola* NAGY 1972

Smicromyrme terricola NAGY 1972 – *Biol. Gallo-Hellenica* 4(1): 29, fig. 3, ♀, type locality: "Nea Peramos" (Greece), holotype in Nagy's coll.

Distribution: Greece.

45. *Smicromyrme tumidula* NAGY 1972

Smicromyrme tumidula NAGY 1972 – *Biol. Gallo-Hellenica* 4(1): 27, fig. 1, ♀, type locality: "Parnals" (Greece), holotype in Nagy's coll.

Distribution: Greece.

46. *Smicromyrme turanica* (MORAWITZ 1893)

Mutilla turanica MORAWITZ 1893 – *Horae Soc. Ent. Ross.* 27(3/4): 392, ♀ non ♂, type locality: "Nuratau" (Uzbekistan), lectotype ♀ in St. Petersburg Zool. Inst. (designated by LELEJ & KABAKOV, 1980: 194).

Synonymy: *Mutilla arameana* ANDRÉ 1902, *M. arameana* var. *atrithorax* ANDRÉ 1902.

Material: Greece, Platania, Volos: 19.3.2001, 1 ♀; 13.7.2001, 1 ♀; 6, 22.3.2002, 2 ♀ ♀; 23, 24.4.2002, 2 ♀ ♀; 9.5.2002, 1 ♀; 26, 28, 30.8.2002, 4 ♂ ♂; 18, 29.9.2002, 2 ♀ ♀; 3, 7.10.2002, 2 ♀ ♀, leg. L. & K. STANDFUSS.

Distribution: Greece (Crete), Syria, Turkey, Armenia, Azerbaijan, Uzbekistan, Tajikistan, Afghanistan.

Tribe Petersenidiini LELEJ 1996

XV. Genus *Artiotilla* INVREA 1950

47. *Artiotilla biguttata* (COSTA 1858)

Mutilla biguttata COSTA 1858 – Fauna regno Napoli: 23, tab. 23, fig. 3, ♀, type locality: "Calabria, Sicilia" (Italy), syntypes in Mus. Zool. Univ. Napoli.

Synonymy: *Mutilla dalmatica* ANDRÉ 1893, *M. mervensis* RADOSZKOWSKI 1893, *Smicromyrme fertoni* INVREA 1953, *Artiotilla biguttata* f. *palestinensis* INVREA 1965.

Material: Greece, Platania, Volos: 7.6.2002, 1♀, leg. L.STANDFUSS.

Distribution: Italy, Croatia, Serbia-Montenegro, Macedonia, Greece, Albania, Azerbaijan, Turkmenistan, Iran, Turkey, Cyprus, Palestine.

Tribe Trogaspidiini BISCHOFF 1920

XVI. Genus *Neotrogaspidia* LELEJ 1996

***48. *Neotrogaspidia hammeri* (SUÁREZ 1959)**

Trogaspidia hammeri SUÁREZ 1959 – Eos 35(3): 289, ♂, type locality: "Chipre, Cherkes" (Cyprus), holotype in SUÁREZ'S coll. Almeria.

Material: Greece, Aefolia, Messolongion, Evinos-Mündungsgeb., 4.1990, 1♀, leg. SCHMIDT [NKE].

Distribution: *Greece, Armenia, Azerbaijan, Turkmenistan (south-west), Cyprus, Palestine.

XVII. Genus *Trogaspidia* ASHMEAD 1903

***49. *Trogaspidia catanensis* (ROSSI 1794)**

Mutilla catanensis ROSSI 1794 – Mantissa Insectorum 2: 126, tab. 3, fig. B, ♀, type locality: "Catania" (Italy), syntypes unknown.

Synonymy: *Mutilla ballioni* RADOSZKOWSKI 1866, *M. paripunctata* SICHEL et RADOSZKOWSKI 1870.

Material: Greece, Platania, Volos: 4.5.2002, 1♂; 30.8.2002, 1♀, leg. L.STANDFUSS.

Distribution: Hungary, Romania, Croatia, Serbia-Montenegro, Macedonia, *Greece, Italy, Ukraine (Crimea), Russia (South European territory), Armenia, Kazakhstan (west), Algeria.

Subfamily Sphaerophthalminae SCHUSTER 1949(1903)

XVIII. Genus *Cystomutilla* ANDRÉ 1896

***50. *Cystomutilla ruficeps* (SMITH 1855)**

Mutilla ruficeps SMITH 1855 – Cat. Hymen. 3: 15. New name for *Mutilla erythrocephala* Lucas, 1849.

Synonymy: *Mutilla erythrocephala* LUCAS 1849, *Mutilla parvula* KRIECHBAUMER 1896

Material: Greece, Platania, Volos: 18.6.2001, 1♀, leg. K. STANDFUSS.

Distribution: United Kingdom, France, Spain, Italy, Switzerland, Slovakia, Austria, Hungary, Romania, Croatia, Albania, *Greece, Ukraine, Russia (South European territory), Algeria.

Subfamily Dasylabrinae SKORIKOV 1935

XIX. Genus *Dasylabris* RADOSZKOWSKI 1885

51. *Dasylabris (Craspedopyda) manderstiernii cypria* (SICHEL et RADOSZKOWSKI 1870)

Mutilla cypria SICHEL & RADOSZKOWSKI 1870 – Horae Soc. Ent. Ross. 6(4): 273, ♂, type locality: Cyprus, lectotype in Mus. Nat. d'Hist. Natur. Paris (designated by PETERSEN 1988: 183).

Distribution: Greece, Cyprus, Turkey, Syria.

52. *Dasylabris (Dasylabris) maura maura* (LINNAEUS 1758)

Mutilla maura LINNAEUS 1758 – Systema Nature 1: 583, ♀, type locality: "Germania" (Germany), neotype in London Linnean Society (designated by PETERSEN, 1988: 182).

Synonymy: *Mutilla austriaca* PANZER 1799, *M. rubricans* LEPELETIER 1845, *M. argenteofasciata* COSTA 1858, *M. trisinuosa* COSTA 1886, *Dasylabris maura* f. *nigrociliata* HOFFER 1938.

Material: Greece, Platania, Volos: 3.3.2002, 1♀; 24.4.2002, 2♀♀; 1.7.2002, 1♂; 24.8.2002, 1♂, leg. L. & K. STANDFUSS.

Distribution: France, Switzerland, Italy, Malta, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Albania, Greece, Bulgaria, Hungary, Turkey, Austria, Czechia, Slovakia, Germany, Poland, Ukraine (Crimea), Georgia, Armenia, Azerbaijan.

53. *Dasylabris (Inbatilla) biblica* INVREA 1950

Dasylabris italica biblica INVREA 1950 – Mem. Soc. entom. Ital. 29: 27, ♀, type locality: "Jerico", Palestine, holotype in Genova Mus. Civ. Stor. Natur.

Distribution: Greece (Crete), Palestine.

XX. Genus *Stenomutilla* ANDRÉ 1896

54. *Stenomutilla* (*Stenomutilla*) *bizonata* (SMITH 1856)

Mutilla bizonata SMITH 1856 – Cat. Hymen. 4: 478. New name for *Mutilla bifasciata* KLUG 1829.

S y n o n y m y : *Mutilla bifasciata* KLUG 1829, *Stenomutilla shelkovnikovi* SKORIKOV 1935.

M a t e r i a l : Greece, Platania, Volos: 2.10.2002, 1♂; 5.10.2002, 1♀, leg. L. & K. STANDFUSS.

D i s t r i b u t i o n : Croatia, Albania, Greece, Lebanon, Syria, Israel, Iran, Turkey, Armenia.

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References

- ANDRÉ E. (1899-1903): Spécies de Hyménoptères d'Europe & d'Algérie. 8. Les mutillides. – Paris. 1899: 1-64, 1900: 65-144, 1901: 145-304, 1902: 305-384, 1903: 385-478 + pl. 1-15.
- COSTA A. (1858-1860): Fauna del regno di Napoli. Imenotteri aculeati. Famiglia de'Mutillidei; Mutillidea. – Napoli. 1858: 1-28 + tab. 21-24; 1860: 29-36 + tab. 25.
- CYRILLO D. (1787): Entomologiae neapolitanae specimen primum. – Napoli. Tabulae 4, 7, 8.
- DE STEFANI T. (1887): Un nuovo genere di crabronidi ed altri imenotteri nuovi o poco cogniti raccolti in Sicilia. – Naturalista sicil. 6: 59-62, 85-90, 110-114, 143-147 + tab. 2. [Mutillidae - 61-63, 143-145, tab. 2, fig. 4].
- FABRICIUS J.Ch. (1775): Systema entomologiae, systems Insectorum classes, ordines, genera, species, adjectis synonymis, locis, descriptionibus, observationibus. – Flensburgi et Lipsiae. 832 pp. [Mutillidae - p. 352, 396-398].
- FABRICIUS J.Ch. (1787): Mantissa insectorum sistens eorum species nuper detecta, adjectis characteribus genericis, differentiis specificis, emendationibus, observationibus. T. 1. – Hafniae. 348 pp. [Mutillidae - p. 281, 311-313].
- FABRICIUS J.Ch. (1793): Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus. T. 2. – Hafniae. 520 pp. [Mutillidae - p. 304, 366-372].
- INVREA F. (1950): Mutillidi nuovi o notevoli del Bacino Mediterraneo (Hymenoptera, Mutillidae). – Mem. Soc. ent. ital. 29: 19-27.
- INVREA F. (1952): I Mirmosidi d'Italia (Hymenoptera: Myrmosidae). – Mem. Soc. ent. ital. 31: 5-21, 3 figs.
- INVREA F. (1954): Mutillidi della Dalmazia e del litorale Montenegrino. Nota prima. – Mem. Soc. ent. ital. 32: 143-159, 2 figs.

- KLUG J.C.F. (1835): Description de Mutilles. – In WALTJ J.: Reise durch Tirol, Oberitalien und Piemont nach dem sudlichen Spanien. Passau, 2: 91-95.
- LATREILLE P.A. (1792): Mutilles, Découvertes en France. – Actes Soc. Hist. nat. 1: 5-12.
- LELEJ A.S. (1985): Osy-nemki (Hymenoptera, Mutillidae) fauny SSSR i sopredel'nykh stran [The velvet ants (Hymenoptera, Mutillidae) of the USSR and neighbouring countries] – Leningrad: Nauka. 268 pp., 64 tables. (In Russian).
- LELEJ A.S. (2002): Catalogue of the Mutillidae (Hymenoptera) of the Palaearctic region. – Vladivostok, 171 pp.
- LEPELETIER A. (1845): Histoire Naturelle des Insectes. T. 3. Hyménoptères. – Paris. 646 pp. [Mutillidae - p. 517, 589-646, 5 figs].
- LINNAEUS C. (1758): Systema naturae per regna tria naturae secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. T. I. Editio X. – Holmiae. 823 pp. [Mutillidae - p. 582-583].
- LO CASCIO P. (2000): A new species of *Smicromyrme* from the Cyclades Islands (Hymenoptera: Mutillidae). – *Fragm. entom.* 32(2): 305-311.
- LUCAS P.H. (1849): Exploration scientifique de l'Algérie pendant les années 1840, 1841 et 1842 publiée par ordre du gouvernement et avec le concours d'une commission académique, Sciences physiques, Zoologie, 3. Histoire naturelle des animaux articulés, 3. Insectes. – Imprimerie Nationale, Paris. 527 pp. [Mutillidae - p. 287-299, 2 plates].
- MORAWITZ F. (1893): Catalog der von D. Glasunov in Turkestan gesammelten Hymenoptera Fossoria. – *Horae Soc. Ent. Ross.* 27: 391-428. [Mutillidae - p. 391-394].
- NAGY C.G. (1971): A new *Smicromyrme* species from Iran (Hymenoptera, Mutillidae). – *Ent. Mitt. zool. Mus. Hamb.* 4(72): 167-169, 3 figs.
- NAGY C.G. (1972): Records of the genus *Smicromyrme* THOMS. from Greece (Hym., Mutillidae). – *Biol. gallo-hellen.* 4(1): 27-31, 3 figs.
- NONVEILLER G. (1959): Une nouvelle espèce du groupe *Smicromyrme perisii* S.-R. – *Zast. Bilja* 54: 105-116, 3 plates.
- NONVEILLER G. [(1971)1972]: Mutillides de l'île de Crète, récoltées lors d'un voyage en automne 1959 (Quatrième contribution à la connaissance des mutillides, hyménoptères). – *Acta ent. Jugoslav.* 7(2): 3-23, 5 figs.
- NONVEILLER G. (1979a): La *Glossomyrme mervensis* (RADOSZKOWSKI) 1893 (Γ) (*Smicromyrme fertoni* INVREA 1953, Γ) est-elle l'autre sexe de l'*Artiotilla biguttata* (COSTA) 1858 (E) ? (Hymenoptera, Mutillidae). Neuvième contribution à la connaissance des Mutillides paléarctiques. – *Acta ent. Jugoslav.* 15(1/2): 5-18, 2 figs, 1 map.
- NONVEILLER G. [(1976)1979b]: The present status of the Mutillidae fauna of Yugoslavia with a particular reference to the fauna of Serbia (Hymenoptera, Mutillidae). – *Arh. biol. Nauka* 28(1/2): 103-117, 1 map. (In Serbo-croat.).
- OLIVIER A.G. (1811): Encyclopédie méthodique. Histoire naturelle. Insectes, 8. – Paris, 722 pp. [Mutillidae - p. 48-66, 128-131].
- PALLAS P.S. (1773): Reisen durch verschiedene Provinzen des Russischen Reichs, in den Jahren 1768-1774 – St. Petersburg, T. 2. [Mutillidae - p. 730].
- PETAGNA V. (1787): Specimen insectorum ulterioris Calabriae. – *Franofurti et Moguntiae*, 47 pp., tab. I [Mutillidae - p. 33, figs. 37, 38].
- PETERSEN B. (1988): The Palaearctic Mutillidae of I.C. Fabricius and some related material (Insecta, Hymenoptera, Aculeata). – *Steenstrupia* 14(6): 129-224, 63 figs.

- RADOSZKOWSKI O. (1879): Les Chrysidés et Sphegides du Caucase. – Horae Soc. Ent. Ross. 15: 140-156. [Mutillidae - p. 148-152].
- RADOSZKOWSKI O. (1885): Revision des armures copulatrices des mâles de la famille de Mutillidés. – Horae Soc. Ent. Ross. 19: 3-49, 9 plates.
- ROSSI P. (1792-1794): Mantissa insectorum exhibens species nuper in Etruria collectas adjectis Faunae Etruscae illustrationibus ac emendationibus. – Pisa. 1792, 1: 147-148; 1794, 2: 129-134.
- SAUNDERS S.S. (1850): Descriptions of some new aculeate Hymenoptera from Epirus. – Trans. R. ent. Soc. Lond. (2)1: 69, plate 6, fig. 1.
- SCHMID-EGGER C. & B. PETERSEN (1993): Taxonomie, Verbreitung, Bestandssituation und Bestimmungsschlüssel für die deutschen Arten der Gattung *Smicromyrme* THOMSON, 1860 (Hymenoptera, Mutillidae). – NachrBl. bayer. Ent. 42(2): 46-56, 8 figs.
- SICHEL J. & O. RADOSZKOWSKI (1869-1970): Essai d'une monographie des mutilles de l'ancien continent. – Horae Soc. Entom. Ross. 1869, 6(3): 139-172; 1870, 6(4): 173-309, tab. 6-11.
- SKORIKOV A.S. (1927): Sur la sousfam. des Myrmillini dans la region palearctique. – Ezheg. zool. Muz. 28(1): 33-47. (In Russian).
- SMITH F. (1855): Catalogue of hymenopterous insects in the collection of the British Museum. Part III. Mutillidae and Pompilidae. – London. 1-206 p., pl. 1-5. [Mutillidae - p. 1-66, pl. 1].
- SMITH F. (1856): Catalogue of hymenopterous insects in the collection of the British Museum. Part IV. Sphegidae, Larridae, and Crabronidae. – London. 207-497. [Mutillidae - p. 478].
- SUÁREZ F.J. (1959): Especies nuevas o poco conocidas de la fauna Mediterránea. II nota. – Eos Madrid 35(3): 283-300, pl. 5.
- SUÁREZ F.J. (1975): Especies nuevas o poco conocidas de la fauna Mediterránea. IV. Tres nuevas *Smicromyrme* de la zona oriental (Hymenoptera, Mutillidae). – Arch. Inst. aclim. 20: 155-171, 11 figs.
- TOURNIER H. (1889): Hyménoptères. Descriptions d'espèces nouvelles et remarques diverses. – L'Entomol. genevois 1: 11-18, 2: 35-45, 3: 56-69, 4: 93-96, 5: 102-115, 6-8: 124-140. [Mutillidae - p. 11-18, 35-41].
- VILLERS C. de. (1789): Caroli Linnaei entomologia, faunae suecicae descriptionibus aucta; etc. – Lugduni, 3: [Mutillidae - p. 340-344, 640, 641, plate 3, figs 33-36].

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