

Last updated: 13 January, 2025

## MEGISTOMMUM

*Megalomma* Shuckard, 1840:181. Nomen nudum.

*Megalomma* F. Smith, 1873c:405, junior homonym of *Megalomma* Westwood, 1841 (Carabidae). Type species: *Megalomma elegans* F. Smith, 1873 [= *Gorytes procerus* Handlirsch, 1888], designated by Pate, 1837c:37.

*Megistommum* W. Schulz, 1906:200. Substitute name for *Megalomma* F. Smith, 1873.

In key to genera of Gorytina: Bohart, 2000:118; Nemkov, 2010b:502.

### 1. *evansi* R. Bohart

*Megistommum evansi* R. Bohart, 2000:175, ♀, ♂. Holotype: ♀, Costa Rica, Alajuela: La Fortuna (Colorado State Univ., Fort Collins). – Amarante, 2002:16 (in catalog of Neotropical Crabronidae).

### 2. *nigriceps* (F. Smith)

*Megalomma nigriceps* F. Smith, 1873c:407, ♀. Holotype or syntypes: ♀, Brazil: no specific locality (BMNH). – **As *Gorytes nigriceps***: Handlirsch, 1888b:519 (new generic assignment, original description translated into German); Dalla Torre, 1897:548 (in catalog of world Sphecidae); Maidl and Klima, 1939:65 (in catalog of world Astatinae and Bembicinae). – **As *Megistommum nigriceps***: R. Bohart and Menke, 1976:503 (new generic assignment, in checklist of world Sphecidae); Nascimento and Overal, 1980:7 (Brazil, Peru); R. Bohart, 2000:176 (in revision of Neotropical Gorytini); Amarante, 2002:16 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:6 (in checklist of Crabronidae of Peru).

### 3. *politum* (F. Smith)

*Megalomma politum* F. Smith, 1873c:406, ♀. Holotype or syntypes: ♀, Brazil: no specific locality (BMNH). – **As *Gorytes politus***: Handlirsch, 1888b:517 (new generic assignment, in revision of world Bembicinae), 1888c:68 (mimicry with *Polybia chrysothorax* Weber, Vespidae); Dalla Torre, 1897:550 (in catalog of world Sphecidae); W. Schulz, 1906:200 (mimicry with *Polybia cassununga* Ihering, Vespidae); Maidl and Klima, 1939:65 (in catalog of world Astatinae and Bembicinae). – **As *Megistommum politum***: Schrottky, 1913a:227 (new generic assignment, Paraguay); R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); R. Bohart, 2000:177 (in revision of Neotropical Gorytini); Amarante, 2002:16 (in catalog of Neotropical Crabronidae).

*Hoplisus petiolatus* Taschenberg, 1875:369, ♀. Syntypes: Brazil: Rio de Janeiro (Halle). Synonymized with *Gorytes politus* by Handlirsch, 1888b:517.

### 4. *procerus* (Handlirsch)

*Megalomma elegans* F. Smith, 1873c:406, ♀. Holotype or syntypes: ♀, Brazil: no specific locality (BMNH), junior secondary homonym in *Gorytes* of *Gorytes elegans* Lepeletier de Saint Fargeau, 1832 (now in *Harpactus*) and of *Gorytes elegans* F. Smith, 1856.

*Gorytes procerus* Handlirsch, 1888b:518. Substitute name for *Gorytes elegans* (F. Smith, 1873) Handlirsch, 1888b:203. – Handlirsch, 1888b:518 (original description translated into German). – Dalla Torre, 1897:550 (in catalog of world Sphecidae); Maidl and Klima, 1939:65 (in catalog of world Astatinae and Bembicinae). – **As *Megistommum procerum***: R. Bohart and Menke, 1976:504 (new generic assignment, in checklist of world Sphecidae); R. Bohart, 2000:177 (in revision of Neotropical Gorytini); Amarante, 2002:16 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:6 (in checklist of Crabronidae of Peru); Silvestre, Demétrio, Trad, de Oliveira Lima, Auko, and de Souza, 2014:68 (Brazil: Mato Grosso do Sul: dry forests in Bodoquena Mountain Range and Brazilian Chaco, as *procerus*); Trad and Silvestre, 2017:4 (Brazil: Mato Grosso do Sul, as *procerus*).

### 5. *splendidum* (Handlirsch)

*Gorytes splendidus* Handlirsch, 1888b:513, ♀. Holotype: ♀, Mexico: Huasteco, probably Huastec, i.e., La Huasteca Region (collection H. de Saussure, MHNG). – Cameron, 1890a:84 (listed); Dalla Torre, 1897:554 (in catalog of world Sphecidae); Maidl and Klima, 1939:60 (in catalog of world Astatinae and Bembicinae). – **As *Pseudoplisus splendidus***: Ashmead, 1899:328 (new generic assignment, in checklist of North American Crabronidae). – **As *Megistommum splendidum***: R. Bohart and Menke, 1976:504 (new generic assignment, in checklist of world Sphecidae); Hanson and Menke, 1995:647 (known from Costa Rica); R. Bohart, 2000:178 (in revision of Neotropical Gorytini); Amarante, 2002:16 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

*Gorytes centralis* Cameron, 1890a:84, ♀. Syntypes: ♀, Mexico: Vera Cruz: Atoyac; and Yucatán: Temax; Guatemala: San Gerónimo (BMNH). Synonymized with *Megistommum splendidum* by R. Bohart in R. Bohart and Menke, 1976:504. – Handlirsch, 1895:932 (original description translated into German); Dalla Torre, 1897:539 (in catalog of world Sphecidae); Maidl and Klima, 1939:57 (in catalog of world Astatinae and Bembicinae). – **As *Pseudoplisus centralis***: Ashmead, 1899:328 (new generic assignment, in checklist of North American Crabronidae).

### NOMEN NUDUM IN MEGALOMMA

*Megalomma quadricinctum* Ashmead: R. Brown, 1906:687 (in catalog of Philippine Hymenoptera).

### SPECIES RECENTLY REMOVED FROM MEGISTOMMUM

*megalommiforme* Strand, 1910, now in *Stenogorytes*

*melanogaster* Schrottky, 1911, now in *Stenogorytes*

*melanoxanthum* Schrottky, 1911 (described in *Megalomma*) = *Epigorytes proceruloides* (Strand, 1910)

*mimetes* Handlirsch, 1901, now in *Epigorytes*

*procerulides* Strand, 1910, now in *Epigorytes*