

Last updated: 1 January 2009

## **PROSOPIGASTRA**

*Prosopigastra* A. Costa, 1867b:88. Type species: *Prosopigastra punctatissima* A. Costa, 1867, by monotypy.

*Prosopigastra* A. Costa, 1867c:32. Objective synonym of *Prosopigastra* A. Costa, 1867b:88

*Homogambrus* Kohl, 1889b:191. Type species: *Tachysphex globiceps* F. Morawitz, 1889, by monotypy.

*Hologambrus* Morice, 1897:309. Lapsus or emendation of *Homogambrus* Kohl.

Review of biology: Kazenas, 2001b:162.

### **1. ahrensiana Pulawski**

*Prosopigastra ahrensiana* Pulawski, 1979a:128, ♂ Holotype: ♂, Turkmenistan: Shassenem 75km SW Tashauz (ZIN).  
– Kazenas, 2002a:77 (geographic distribution, Kazakhstan: 20 km S Yany-Kurgan)

### **2. aralensis Pulawski**

*Prosopigastra aralensis* Pulawski, 1979:120, ♂ Holotype: ♂, Kazakhstan: Karatau Mts near Dzhulek (ZIN). – Kazenas, 2001b:31 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:77 (geographic distribution, collecting localities in Kazakhstan).

### **3. bulgarica Pulawski**

*Prosopigastra bulgarica* Pulawski, 1958a:182, ♀, ♂ Holotype: ♀, Kniazhevo near Sofia (originally W. Pulawski coll., now CAS). – de Beaumont, 1967a:331 (Turkey); Balthasar, 1972:296 (in Sphecidae Fauna of Czechoslovakia: may be expected in the country); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1978:224 (in key to Sphecidae of European part of former USSR), 1979a:67 (in revision of world *Prosopigastra*); Dollfuss, 1989:12 (paratype in NHMW); Shkuratov, 1998:97 (Russia: Rostov Oblast'); Kazenas, 2001b:31 (in checklist of Sphecidae of Kazakhstan and Central Asia), 163 (review of known biology); Kazenas and Esenbekova, 2001:134 (Kazakhstan: Almatinskiy Nature Reserve); K. Schmidt and Bitsch *in* Bitsch et al., 2001:281 (in Sphecidae Fauna of Western Europe); Kazenas, 2002a:78 (geographic distribution, collecting localities in Kazakhstan), 2004b:104 (Kazakhstan: western Tien Shan); Ljubomirov and Yildirim, 2008:197 (in catalog of Crabronidae of Turkey).

### **4. capensis Brauns**

*Prosopigastra capensis* Brauns, 1906:55, ♀, ♂. Lectotype: ♀, South Africa: Willowmore (TMP), designated by Pulawski, 1979a:85. – Brauns, 1911a:239 (South Africa, perching habits); Arnold, 1922:132 (revision), 1930:2 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:85 (in revision of world *Prosopigastra*).

### **5. crassepunctata Pulawski**

As *Prosopigastra falsa*: Gussakovskij, 1933a:164 (♀ only), corrected to *Prosopigastra crassepunctata* by Pulawski, 1979a:61.

*Prosopigastra crassepunctata* Pulawski, 1979a:60, ♀, ♂ Holotype: ♂, Uzbekistan: Kuropatkino 50 km NE Samarkand (ZIN); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:77 (geographic distribution, collecting localities in Kazakhstan).

### **6. creon (Nurse)**

*Homogambrus creon* Nurse, 1903b:2, ♂. Lectotype: ♂, India: Gujarat: Deesa (BMNH), designated by Pulawski, 1975a:313. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897, as *ce-ron*). – As *Prosopigastra creon*: Pulawski, 1975a:313 (synonymy), 1979a:43 (in revision of world *Prosopigastra*); Guichard, 1980:228 (Oman); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia),

2002a:78 (geographic distribution, collecting localities in Kazakhstan), 2004b:104 (Kazakhstan: western Tien Shan).

*Prosopigastra mocsaryi* Brauns, 1906:53, ♂ (as *Mocsaryi*, incorrect original capitalization). Lectotype: ♂, South Africa: Willowmore (TMP), designated by Pulawski, 1979a:43. Synonymized with *Prosopigastra creon* by Pulawski, 1979a:43. – Brauns, 1911a:239 (South Africa, perching habits); Arnold, 1922:128 (revision), 1930:2 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:285 (listed); Dollfuss, 1989:12 (paratype in NHMW).

*Prosopigastra cimicivora* Ferton, 1912a:406 (nesting habits, egg). Holotype or syntypes (egg): Algeria: La Calle (lost?). Synonymized with *Prosopigastra creon* by Pulawski, 1979a:43. – de Beaumont, 1947b:402, footnote (Cyprus); Pittioni, 1950:25 (Cyprus); de Beaumont, 1955a:191 (Morocco).

*Homogambrus cimicivorus* Ferton, 1912b:186, ♀, ♂. Lectotype: ♂, Algeria: La Calle (MNHN), designated by Pulawski, 1979a:43. – As *Prosopigastra cimicivora*: de Beaumont, 1954d:156 (listed). – As *Prosopigastra creon cimicivora*: Pulawski, 1975a:314 (new status).

As *Prosopigastra neavei*: Turner, 1917b:325 (♂ only), corrected to *Prosopigastra creon* by Pulawski, 1979a:43.

*Prosopigastra carinata* Arnold, 1922:129, ♂. Holotype: ♂, Sawmills (SAMC). – Arnold, 1929:384 (description of ♀), 1930:2 (in checklist of Afrotropical Sphecidae). – As *Prosopigastra creon carinata*: Pulawski, 1975a:314 (new status); R. Bohart and Menke, 1976:285 (listed).

*Prosopigastra acanthophora* Gussakovskij, 1933a:159, ♂. Holotype: ♂, Turkmenistan: Komarovskiy village E Ashgabad (ZIN). Synonymized with *Prosopigastra creon* by Pulawski, 1975a:313. – de Beaumont, 1947b:394 (Cyprus); Kazenas, 1978b:135 (in key to Sphecidae of Kazakhstan and Central Asia). – As *Prosopigastra cimicivora acanthophora*: Pulawski, 1965c:574 (new status); de Beaumont, Bytinski-Salz, and Pulawski, 1973:15 (Israel).

*Prosopigastra cimicivora cypriaca* de Beaumont, 1954d:154, ♀, ♂. Holotype: ♂, Cyprus: Zakaki (LAUSANNE). Synonymized with *Prosopigastra cimicivora acanthophora* by Pulawski, 1965c:574.

*Prosopigastra pilosa* Arnold, 1959:326, ♂. Holotype: ♂, Tanzania: Itumba in Rukwa valley (BMNH). Synonymized with *Prosopigastra creon* by Pulawski, 1979a:44.

### 7. *durga* Pulawski

*Prosopigastra durga* Pulawski, 1979a:100, ♀, ♂. Holotype: ♀, India: Tamil Nadu: Karikal (RMNH).

### 8. *falsa* (F. Morawitz)

*Tachysphex falsus* F. Morawitz, 1893b:413, ♂. Holotype: ♂, Tadjikistan: Iskander-kul in Zeravshan River valley (ZIN). – Dalla Torre, 1897:679 (in catalog of world Sphecidae). – As *Prosopigastra falsa*: Kuznetsov-Ugamskij, 1927:248 (Uzbekistan: Aktash Mts. 55 km NE Tashkent); Gussakovskij, 1933a:164 (new combination, in revision of Palearctic *Prosopigastra*; ♂ only, ♀ = *Prosopigastra crassepunctata*); R. Bohart and Menke, 1976:285 (listed); Kazenas, 1978b:136 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1979a:64 (in revision of world *Prosopigastra*); Islamov, 1986:527 (Uzbekistan: Tashkent Oblast); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 163 (nest structure, pentatomid prey), 2002a:78 (geographic distribution, collecting localities in Kazakhstan), 2004b:105 (Kazakhstan: western Tien Shan).

### 9. *fumipennis* Gussakovskij

*Prosopigastra fumipennis* Gussakovskij, 1952:252, ♀, ♂. Lectotype: ♀, Tajikistan: Koy-Pyaz-Tau Mts near Kabadian (ZIN), designated by Pulawski, 1979a:104. – R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:104 (in revision of world *Prosopigastra*); Islamov, 1986:527 (Uzbekistan: Tashkent Oblast); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia); Ljubomirov and Yildirim, 2008:197 (in catalog of Crabronidae of Turkey).

*Prosopigastra* sp. No. 3: de Beaumont, 1967a:331, corrected to *Prosopigastra fumipennis* by Pulawski, 1979a:104.

*Prosopigastra lissipes* Pulawski in de Beaumont, Bytinski-Salz, and Pulawski, 1973:14, ♀, ♂ Holotype: ♂, Egypt: Maadi near Cairo (WJP). Synonymized with *Prosopigastra fumipennis* by Pulawski, 1979a:104. – R. Bohart and Menke, 1976:285 (listed).

### 10. *gaetula* de Beaumont

*Prosopigastra gaetula* de Beaumont, 1950f:408, ♂ Holotype: ♂, Algeria: Laghouat (BMNH). – de Beaumont, 1954d:153 (included in subgenus *Prosopigastra* s.s.); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:118 (in revision of world *Prosopigastra*).

### 11. *gigantea* Gussakovskij

*Prosopigastra gigantea* Gussakovskij, 1935:427, ♀, ♂. Lectotype: ♀, Tajikistan: Pugus (ZIN), designated by Pulawski, 1979a:110. – R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:110 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia).

### 12. *globiceps* (F. Morawitz)

*Tachysphex* ? *globiceps* F. Morawitz, 1889a:132, ♂ Holotype: ♂, China: Nei Menggu = Inner Mongolian Autonomous Region: Tsagan Buryuk (ZIN). – **As *Homogambrus globiceps***: Kohl, 1889:192 (new combination), 1897a:372 (generic characteristics); Dalla Torre, 1897:660 (in catalog of world Sphecidae); Honoré, 1943:37 (type species of *Homogambrus*). – **As *Prosopigastra globiceps***: Gussakovskij, 1933a:157 (new combination, in revision of Palearctic *Prosopigastra*); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:33 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:78 (geographic distribution, collecting localities in Kazakhstan); Hua, 2006:282 (in list of Chinese insects, geographic distribution).

*Homogambrus weneri* Maidl, 1924:235, ♂ Holotype: ♂, Sudan: Sennar (NHMW). Synonymized with *Prosopigastra globiceps* by Pulawski, 1979a:33. – Honoré, 1942:53 (Egypt: Gebel Asfar near Cairo). – **As *Prosopigastra weneri***: de Beaumont, 1954d:156 (new combination; Egypt); R. Bohart and Menke, 1976:286 (listed); Dollfuss, 1989:12 (holotype in NHMW).

*Prosopigastra boops* Gussakovskij, 1933a:158, ♀, ♂. Lectotype: ♂, Turkmenistan: Askhabad (ZIN), designated by Pulawski, 1979a:33. Synonymized with *Prosopigastra globiceps* by Pulawski, 1979a:33. – R. Bohart and Menke, 1976:285 (listed); Kazenas, 1978b:135, 136 (in key to Sphecidae of Kazakhstan and Central Asia), 2001b:31 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004b:104 (Kazakhstan: western Tien Shan).

*Prosopigastra oasicola* Tsuneki, 1972:398, ♂, ♀ Holotype: ♂, Mongolia: Bayanhongor Aymag: Ehingol oasis (TMB). Synonymized with *Prosopigastra globiceps* by Pulawski, 1979a:34. – R. Bohart and Menke, 1976:285 (listed).

### 13. *handlirschi* Morice

*Prosopigastra handlirschi* Morice, 1897:309, ♀ Holotype: ♀, Egypt: Nakhle near Cairo (OXUM). – Mercet, 1907:301 (revision); von Schulthess, 1926b:215 (Tunisia); Guiglia, 1929:398 (Libya: Porto Bardia); Gussakovskij, 1933a:170 (Mercet's redescription copied); Nadig, 1933:78 (Morocco: Agadir); Guiglia, 1934b:303 (Libya: bibliography and summary of locality records); Honoré, 1942:54 (Egypt); de Beaumont, 1954d:155 (synonymy, diagnostic characters), 1955a:189 (Morocco), 1956a:200 (Libya); Ceballos, 1959:229 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1960b:242 (Libya); Ceballos, 1964:90 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1966:212 (Egypt: Alexandria area); de Beaumont, Bytinski-Salz, and Pulawski, 1973:14 (Israel); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:77 (in revision of world *Prosopigastra*); Guichard, 1980:228 (Oman); Gayubo, 1984b:87 (Spain: Salamanca Province), 1984c:367 (Portugal: El Algarve Province); Gayubo and Mingo, 1988:83 (Spain: Segovia and Zaragoza Provinces); Dollfuss, 1989:12 (type material in NHMW); Guichard, 1991a:339 (Jordan); Gayubo, García, Torres, and González, 1999:90 (Spain: Soria Province); Gonzáles, Gayubo, and Torres, 1999:355 (Spain: Valladolid: Viana de Cega); K. Schmidt and Bitsch in Bitsch et al., 2001:282 (in Sphecid Fauna of Western Europe); González, Gayubo, Asís, Tormos, and

García, 2003:61 (Spain: Soria: Chavaler); Ljubomirov and Yildirim, 2008:198 (in catalog of Crabronidae of Turkey).

*Prosopigastra crosi* Ferton, 1912b:190, ♀ (as *Crosi*, incorrect original capitalization). Lectotype: ♀, Algeria: La Calle (MNHN), designated by Pulawski, 1979a:77. Synonymized with *Prosopigastra handlirschi* by de Beaumont, 1954d:155. – Honoré, 1942:54 (listed).

*Prosopigatsra* [sic] *tunetana* Gussakovskij, 1933a:172, ♀, ♂. Lectotype: ♀, Tunisia: no specific locality (ZIN), designated by Pulawski, 1979a:77. Synonymized with *Prosopigastra handlirschi* by de Beaumont, 1954d:155.

*Prosopigastra* sp. No. 1: de Beaumont, 1967a:331 (Turkey), corrected to *Prosopigastra handlirschi* by Pulawski, 1979a:77.

#### 14. *insignis* E. Saunders

*Prosopigastra insignis* E. Saunders, 1910:528, ♀ Holotype: ♀, Algeria: Biskra (OXUM). – Morice, 1911:106 (Algeria: Biskra); Gussakovskij, 1933a:172 (original description copied); Honoré, 1942:54 (listed); de Beaumont, 1954d:153 (synonymy), 154 (illustration of male genitalia), 1961e:5 (Iraq); Pulawski, 1964:109 (Egypt: Abu Rawash, Ghiza, Kom Osheim, Saqqara); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:107 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:78 (geographic distribution, collecting localities in Kazakhstan).

*Prosopigastra angustifrons* von Schulthess, 1928:67, ♂. Lectotype: ♂, Libya: Cyrenaica: Djarabub (Zurich), designated by Pulawski, 1979a:107. Synonymized with *Prosopigastra insignis* by de Beaumont, 1954d:153. – Honoré, 1942:54 (listed); Guiglia, 1934b:302 (Libya: bibliography and summary of locality records); Balthasar, 1954b:270 (Palestine: Wadi el Kelt near Jericho).

*Prosopigastra turcomanica* Gussakovskij, 1933a:168, ♂. Lectotype: ♂, Turkmenistan: Uch-Adzhi (ZIN), designated by Pulawski, 1979a:107. Synonymized with *Prosopigastra insignis* by Pulawski, 1979a:107. – R. Bohart and Menke, 1976:286 (listed); Kazenas, 1978b:136 (in key to Sphecidae of Kazakhstan and Central Asia); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia).

#### 15. *jaxartensis* Pulawski

*Prosopigastra jaxartensis* Pulawski, 1979a:123, ♂ Holotype: ♂, Kazakhstan: Baigakum near Dzhulek (ZIN). – Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:78 (geographic distribution, collecting localities in Kazakhstan).

#### 16. *kizilkumi* (Radoszkowski)

*Tachytes kizilkumi* Radoszkowski, 1877:26, ♀, ♂ (as *Kizilkumi*, incorrect original capitalization). Lectotype: ♂, Kazakhstan: Mount Karak near Bairakum (Moscow), designated by Pulawski, 1965c:573. – As *Tachysphex kizilkumi*: Kohl in Dalla Torre, 1897:680 (new combination, in catalog of world Sphecidae). – As *Prosopigastra kizilkumi*: Pulawski, 1965c:573 (new combination); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:124 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:79 (geographic distribution, collecting localities in Kazakhstan), 2004b:105 (Kazakhstan: western Tien Shan).

*Homogambrus roseiventris* F. Morawitz, 1894:343, ♂ Holotype: ♂, Turkmenistan: Tedzhen (ZIN). Synonymized with *Prosopigastra kizilkumi* by Pulawski, 1965c:573. – Kohl, 1897:372 (in generic characteristics); Dalla Torre, 1897:661 (in catalog of world Sphecidae). – As *Prosopigastra roseiventris*: Gussakovskij, 1933a:161 (new combination, in revision of Palearctic *Prosopigastra*); Kazenas, 1978b:136 (in key to Sphecidae of Kazakhstan and Central Asia).

#### 17. *kohli* Mercet

*Prosopigastra kohli* Mercet, 1907:299, ♂, ♀, (as *Kohli*, incorrect original capitalization). Syntypes: Spain: Madrid Province: no specific locality (IEE, Madrid). – Mercet, 1910b:166 (listed from Spain); Gussakovskij, 1933a:166 (original description copied); Giner Marí, 1934:134 (Spain); Dusmet y Alonso, 1935:46 (Spain: Madrid: Alcalá de

Henares), 51 (Spain: Madrid: Villaverde), 53 (Spain: Madrid: El Pardo, Río Alberche); Giner Mari, 1943a:145 (in Sphecidae Fauna of Spain); de Andrade, 1949:16 (Portugal); de Beaumont, 1954d:155 (listed); Ceballos, 1956:375 (in catalog of Hymenoptera of Spain), 1959:229 (in supplement to catalog of Spanish Sphecidae); Diniz, 1959:29 (Portugal: Cascais, Estoril, Lisboa), 1964a:7 (Portugal: Cascais, Estoril, Lagoa de Albufeira, Lisboa); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:72 (in revision of world *Prosopigastra*); Gayubo, 1982a:110 (N Spain: Sierra de Béjar), 1982f:254 (Spain: Cádiz Province: San Roque), 1984b:96 (Spain: previously recorded from Salamanca Province), 1986c:34 (Spain: Zamora Province), 1987a:114 (Spain: Ciudad Real Province); Dollfuss, 1989:12 (paratype in NHMW); Torregrosa, Gayubo, Tormos, and Asís, 1993:18 (Spain: Alicante Province); Gayubo, García, Torres, and González, 1999:90 (Spain: Soria Province); Gonzáles, Gayubo, and Torres, 1999:355 (Spain: Valladolid: Viana de Cega); Gayubo, González, and Torres, 2000:185 (Spain: Salamanca Province); K. Schmidt and Bitsch in Bitsch et al., 2001:282 (in Sphecidae Fauna of Western Europe); Gayubo, Nieves-Aldrey, González, Tormos, Rey del Castillo, and Asís, 2004:108 (Spain: Madrid: Monte de El Pardo).

### 18. *latifrons* Gussakovskij

*Prosopigastra latifrons* Gussakovskij, 1933a:170, ♂. Lectotype: ♂, Turkmenistan: Uch-Adzhi (ZIN), designated by Pulawski, 1979a:98. – R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:98 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:79 (geographic distribution, collecting localities in Kazakhstan).

### 19. *morogoro* Pulawski

*Prosopigastra morogoro* Pulawski, 2003:303, ♀, ♂. Holotype: ♂, Tanzania: Morogoro Region: 48 km W Morogoro at 6°56.9'S 37°20.2'E (CAS).

### 20. *major* (F. Morawitz)

*Homogambrus major* F. Morawitz, 1890:591, ♂. Holotype: ♂, Turkmenistan: Repetek (ZIN). – Kohl, 1897:372 (in generic characteristics); Dalla Torre, 1897:661 (in catalog of world Sphecidae). – **As *Prosopigastra major***: Gussakovskij, 1933a:160 (new combination, in revision of Palearctic *Prosopigastra*); R. Bohart and Menke, 1976:285 (listed); Kazenas, 1978b:135 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1979:40 (in revision of world *Prosopigastra*); Krivokhatskiy, 1985:37 (listed from Repetek, Turkmenistan); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia).

*Prosopigastra laevior* Morice, 1897:309, ♀. Holotype: ♀, Egypt: Abbasiya near Cairo (Oxford). Synonymized with *Prosopigastra major* by Pulawski, 1979:40. – Mercet, 1907:298 (revision); Gussakovskij, 1933a:162 (Mercet's re-description copied, as *laevior*); Honoré, 1942:54 (Egypt); de Beaumont, 1954d:156 (synonymy), 1955a:191 (Morocco); Osborn and Krombein, 1969:16 (nw Sudan: Gebel 'Uweinat: Wadi Ain el Brins); de Beaumont, Bytinski-Salz, and Pulawski, 1973:15 (Israel); R. Bohart and Menke, 1976:285 (listed).

*Homogambrus sericans* Morice, 1897:309, ♂. Holotype: ♂, Egypt: Koubba near Cairo (Oxford). Synonymized with *Prosopigastra laevior* by de Beaumont, 1954d:156. – Honoré, 1942:53 (Egypt: Dahshur near Cairo).

### 21. *menelaus* (Nurse)

*Homogambrus menelaus* Nurse, 1903b:2, ♀. Lectotype: ♀, Pakistan: Peshin (BMNH), designated by Pulawski, 1979a:55. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897). – **As *Prosopigastra menelaus***: R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:55 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:79 (geographic distribution, collecting localities in Kazakhstan).

*Prosopigastra desertorum* Gussakovskij, 1933a:169, ♂. Holotype: ♂, Turkmenistan: Ashkhabad (ZIN). Synonymized with *Prosopigastra menelaus* by Pulawski, 1979a:55. – R. Bohart and Menke, 1976:285 (listed); Kazenas, 1978b:136 (in key to Sphecidae of Kazakhstan and Central Asia); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia).

*Prosopigastra minima* de Beaumont, 1956a:200, ♂. Holotype: ♂, Chad: Tibesti: Wadi Wour (BMNH). Synonymized with *Prosopigastra menelaus* by Pulawski, 1979a:55. – Pulawski, 1964:109 (Egypt: Abu Rawash, Dahshur, Ghiza, Kom Osheim, Maadi, Saqqara; description of ♀); R. Bohart and Menke, 1976:285 (listed); Dollfuss, 1989:12 (paratype in NHMW).

## 22. *moricei* Mercet

*Prosopigastra moricei* Mercet, 1907:295, ♀, (as *Moricei* incorrect original capitalization). Holotype: ♀, Algeria: Constantine (IEE, Madrid). – Morice, 1911:106 (Algeria: Constantine); von Schulthess, 1926b:215 (Algeria: Constantine); Gussakovskij, 1933a:165 (original description copied); Honoré, 1942:54 (listed); de Beaumont, 1954d:154 (illustration of female clypeus and pygidial plate), 155 (discussion of type material); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:66 (in revision of world *Prosopigastra*).

## 23. *nearctica* R. Bohart

*Prosopigastra nearctica* R. Bohart, 1958a:122, ♂, ♀ Holotype: ♂, USA: California: Placer County: Brockway Summit (CAS). – Krombein and Burks, 1967:394 (listed); R. Bohart and Menke, 1976:285 (listed); Pulawski, 1979a:30 (in revision of world *Prosopigastra*).

## 24. *neavei* R. Turner

*Prosopigastra neavei* R. Turner, 1917b:325, ♀, ♂ (♂ = *Prosopigastra creon*). Lectotype: ♀, Zambia: Mid Luangwa Valley (BMNH), designated by Pulawski, 1979a:82. – Arnold, 1922:130 (revision), 1930:2 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:91 (Zaire); R. Bohart and Menke, 1976:(listed); Pulawski, 1979a:82 (in revision of world *Prosopigastra*).

## 25. *nigra* Pulawski

*Prosopigastra nigra* Pulawski, 1979a:81, ♀ Holotype: ♀, Niger: Say (BMNH). Paratype: Mali.

## 26. *nubigera* Gussakovskij

*Prosopigastra nubigera* Gussakovskij, 1933a:162, ♂. Lectotype: ♂, Turkmenistan: Askhabad (ZIN), designated by Pulawski, 1979a:37. – Myartseva, 1963b:61 (Turkmenistan: lower Murgab River), 1965:96 (Turkmenistan: Bayram-Ali district), 1972:81 (Turkmenistan); R. Bohart and Menke, 1976:285 (listed); Kazenas, 1978b:136 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1979a:37 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia).

## 27. *nuda* (Nurse)

*Tachysphex nudus* Nurse, 1903a:515, ♀. Lectotype: ♀, India: Gujarat: Deesa (BMNH), designated by Pulawski, 1975a:314. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897). – As *Prosopigastra nuda*: Pulawski, 1975a:314 (new combination), 1979a:112 (in revision of world *Prosopigastra*); Guichard, 1980:228 (Oman).

## 28. *numida* Pulawski

*Prosopigastra numida* Pulawski, 1975b:167, ♀, ♂ Holotype: ♂, Tunisia: 10 km E Kasserine (WJP). – R. Bohart and Menke, 1976:629 (listed); Pulawski, 1979a:74 (in revision of world *Prosopigastra*).

## 29. *orientalis* de Beaumont

As *Prosopigastra punctatissima* (corrected to *Prosopigastra orientalis* by Pulawski, 1979a:88): W. Schulz, 1906:46 (Greece: Crete); Maidl, 1922:70 (Croatia), Gussakovskij, 1933a:163 (in revision of Palearctic *Prosopigastra*), 1935:427 (Tajikistan: Kulab, Dongara), Pulawski, 1958a:182 (Bulgaria: Sandanski); de Beaumont, 1965a:53 (citation of Maidl, 1922, and of Kohl, 1885); Balthasar, Hrubant, and Hrubant, 1967:172 (Bulgaria: Slanchev Bryag near Nessebar); Georghiou, 1977:191 (Cyprus), Kazenas, 1978b:136 (in key to Sphecidae of Kazakhstan and Central Asia); also Schulz, 1906:46 (Greece: Crete Island), present correction based of geographic distribution.

*Prosopigastra punctatissima orientalis* de Beaumont, 1947b:393, ♀, ♂. Holotype: ♂, Cyprus: Cherkas (Lausanne). – Pittioni, 1950:25 (Cyprus). – **As *Prosopigastra orientalis***: de Beaumont, 1954d:154 (new status, recognition), 1960a:20 (Greece: Rhodes), 1961c:50 (Greece: Crete), 1965a:54 (Greece), 1967a:331 (Turkey); de Beaumont, Bytinski-Salz, and Pulawski, 1973:14 (Israel); R. Bohart and Menke, 1976:286 (listed); Guichard, 1978:271 (Greece); Pulawski, 1978:224, 227 (in key to Sphecidae of European part of former USSR), 1979a:88 (in revision of world *Prosopigastra*); Schmidt and Westrich, 1983:123 (Greece); Islamov, 1986:527 (Uzbekistan: Tashkent Oblast'); Pagliano, 1990:102 (in catalogue of Italian Sphecidae); Negrisolino *in* Minelli, Ruffo, and La Posta, 1995b:9 (in catalog of Italian fauna); Shkuratov, 2000:58 (Russia: Rostov Oblast': Vëshenskaya village area at 49°37'N 41°45'E); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia); K. Schmidt and Bitsch *in* Bitsch et al., 2001:283 (in Sphecid Fauna of Western Europe); Kazenas, 2002a:79 (geographic distribution, collecting localities in Kazakhstan); Gayubo, Özbek, and Yıldırım, 2003:90 (Turkey: Erzincan); Kazenas, 2004b:105 (Kazakhstan: western Tien Shan); Pagliano and Negrisolino, 2005:353 (in Sphecid Fauna of Italy); Shorenko, 2005:164 (Ukraine: Crimea), 2005b:99 (Ukraine: Crimea: Karadagh Nature Reserve); Yıldırım and Ljubomirov, 2005:17969 (Turkey: Konya: Bozkır); Standfuss and Standfuss, 2006b:96 (Greece: Thessalia: Magnissia Peninsula at 39°N 23°E); Ljubomirov and Yıldırım, 2008:198 (in catalog of Crabronidae of Turkey).

### 30. *picea* Pulawski

*Prosopigastra picea* Pulawski, 1979a:96, ♀, ♂. Holotype: ♂, Uzbekistan: Kuropatkino (ZIN). Paratypes: Israel; Kazakhstan, Uzbekistan, and Turkmenistan. – Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:79 (geographic distribution, collecting localities in Kazakhstan).

### 31. *punctatissima* A. Costa

*Prosopigastra punctatissima* A. Costa, 1867b:88, ♀, ♂. Lectotype: ♀, Italy: Puglia: Lecce (NAPOLI), designated by de Beaumont, 1953i:1. – Kohl, 1885a:345 (in revision of European Larrinae), 1897a:370 (generic description); Dalla Torre, 1897:677 (in catalog of world Sphecidae); Mantero, 1905:72 (Italy: Toscana: Isola del Giglio); Mercet, 1907:295 (revision), 1910b:166 (listed from Spain); nec W. Schulz, 1906:46 (= *Prosopigastra orientalis*); nec Ferton, 1912b:189 (= *Prosopigastra zalinda*); nec von Schulthess, 1926b:215 (= *Prosopigastra punctatissima africana*); nec Nadig, 1933:78 (= *Prosopigastra punctatissima africana*); Giner Marí, 1934:134 (Spain), 1943a:145 (in Sphecid Fauna of Spain); nec Honoré, 1942:54 (= ?); Honoré, 1943:37 (type species of *Prosopigastra*); Giner Marí, 1943a:145 (revision); Giordani Soika, 1944:10 (Italy: Lazio: Marino; Sicilia: Falcone); de Andrade, 1949:16 (Portugal); de Beaumont, 1954d:154 (in subgenus *Prosopigastra* s.s., geographic distribution), 1954e:91 (Italy: Lazio); Hertzog, 1954:101 (France: Bouches-du-Rhône: Camargue); Ceballos, 1956:375 (in catalog of Hymenoptera of Spain), 1959:229 (in supplement to catalog of Spanish Sphecidae); Diniz, 1959:29 (Portugal: Caparica, Estoril); Suárez, 1959:58 (Spain); Ceballos, 1964:90 (in supplement to catalog of Spanish Sphecidae); Diniz, 1964a:7 (Portugal: Aljustrel, Caparica); Balthasar, 1972:296 (in Sphecid Fauna of Czechoslovakia: may be expected in the country); R. Bohart and Menke, 1976:286 (listed); nec Kazenas, 1978b:136 (= *Prosopigastra orientalis*); Pulawski, 1978:224, 227 (in key to Sphecidae of European part of former USSR), 1979a:92 (in revision of world *Prosopigastra*); Gayubo, 1982a:110 (N Spain: Sierra de Béjar), 1982f:254 (Spain: Cádiz Province: Jimena de la Frontera, San Roque), 1984b:87 (Spain: Salamanca Province), 1984c:368 (Portugal: El Algarve Province), 1985c:168 (Spain: Valladolid: Valladolid), 1986c:34 (Spain: Zamora Province); Gayubo and Sanza, 1986:49 (Spain: Burgos, Segovia); Gayubo, 1987a:114 (Spain: Ciudad Real Province); Gayubo and Mingo, 1988:83 (Spain); Gayubo, Asís, and Tormos, 1990a:19 (Spain); Pagliano, 1990:102 (in catalogue of Italian Sphecidae); Torregrosa, Gayubo, Tormos, and Asís, 1993:18 (Spain: Alicante Province); Tormos, Asís, and Gayubo, 1994:188, 208 (Spain: Albacete Province); Negrisolino *in* Minelli, Ruffo, and La Posta, 1995b:9 (in catalog of Italian fauna); Gayubo, García, Torres, and González, 1999:90 (Spain: Soria Province); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia); K. Schmidt and Bitsch *in* Bitsch et al., 2001:283 (in Sphecid Fauna of Western Europe); Generani, Pagliano, Scaramozzino, and Strumia, 2003:65 (Italy: Arcipelago Toscano); González, Gayubo, Asís, Tormos, and García, 2003:61 (Spain: Soria: Chavaler); Cruz-Sánchez, Gayubo, Gon-

zález, and Torres, 2005:220 (Spain: Salamanca: San Martín del Castañar); Pagliano and Negrisolo, 2005:353 (in Sphecidae Fauna of Italy). – **Nec following authors** (= *Prosopigastra orientalis*): Schulz, 1906:46, Maidl, 1922:70, Gussakovskij, 1933a:163, 1935:427, Pulawski, 1958a:182, de Beaumont, 1965a:53, Balthasar, Hrubant, and Hrubant, 1967:172; Georghiou, 1977:191, Kazenas, 1978a:136

*Prosopigastra punctatissima* A. Costa, 1867c:32. Objective synonym of *Prosopigastra punctatissima* A. Costa, 1867b:88.

### **ssp. africana de Beaumont**

As *Prosopigastra punctatissima* (present correction based on geographic distribution): von Schulthess, 1926b:215 (Libya: Benghazi); Nadig, 1933:78 (Morocco: Goundafa); Guiglia, 1934b:303 (Libya: bibliography and summary of locality records); .

*Prosopigastra punctatissima africana* de Beaumont, 1955a:188, ♀, ♂. Holotype: ♂, Morocco: Goulimine (Lausanne). – de Beaumont, 1956a:200 (Libya), 1960b:242 (Libya), 1966:212 (Egypt: Alexandria area); R. Bohart and Menke, 1976:286 (listed).

### **32. riparia Gussakovskij**

*Prosopigastra riparia* Gussakovskij, 1952:251, ♀, ♂. Lectotype: ♂, Tajikistan: Dushanbe (ZIN), designated by Pulawski, 1979a:127. – R. Bohart and Menke, 1976:127 (listed); Pulawski, 1979a:127 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia).

### **33. rufiventris Gussakovskij**

*Prosopigastra rufiventris* Gussakovskij, 1933a:167, ♀, ♂ (as F. Morawitz's manuscript name). Lectotype: ♂, Turkmenistan: Mulla Kara (ZIN), designated by Pulawski, 1979a:115. – R. Bohart and Menke, 1976:286 (listed); Kazenas, 1978a:136 (in key); Pulawski, 1979a:115 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:79 (geographic distribution, collecting localities in Kazakhstan).

### **34. thalassina Gussakovskij**

*Prosopigastra thalassina* Gussakovskij, 1933a:169, ♀ Holotype: ♀, Turkmenistan: Krasnovodsk (ZIN), designated by Pulawski, 1979a:58. – R. Bohart and Menke, 1976:286 (listed); Kazenas, 1978b:136 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1979a:58 (in revision of world *Prosopigastra*); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:79 (geographic distribution, collecting localities in Kazakhstan).

### **35. zalinda de Beaumont**

As *Prosopigastra punctatissima*: Ferton, 1912b:189 (nest and prey), corrected to *Prosopigastra zalinda* by Pulawski, 1979a:51.

*Prosopigastra zalinda* de Beaumont, 1955a:189, ♀, ♂ Holotype: ♂, Morocco: Tiznit, Oued Massa (Lausanne). – de Beaumont, 1956a:200 (Libya); de Beaumont, Bytinski-Salz, and Pulawski, 1973:14 (Israel); R. Bohart and Menke, 1976:286 (listed); Pulawski, 1979a:51 (in revision of world *Prosopigastra*); Gayubo, 1984b:87 (Spain: Salamanca Province), 1986c:34 (Spain: Zamora Province); Gayubo and Sanza, 1986:50 (Spain: Burgos); Gayubo, 1987a:115 (Spain: Ciudad Real Province); Gayubo and Mingo, 1988:84 (Spain); Gayubo and Torres, 1991:Table I (Spain: Salamanca; effects of urban pressure); Torregrosa, Gayubo, Tormos, and Asís, 1993:18 (Spain: Alicante Province); González, Gayubo, and Torres, 1999:355 (Spain: Valladolid: Viana de Cega); Kazenas, 2001b:32 (in checklist of Sphecidae of Kazakhstan and Central Asia); K. Schmidt and Bitsch *in* Bitsch et al., 2001:284 (in Sphecidae Fauna of Western Europe); Kazenas, 2002a:80 (geographic distribution, collecting localities in Kazakhstan); Gayubo, Nieves-Aldrey, González, Tormos, Rey del Castillo, and Asís, 2004:108 (Spain: Madrid: Monte de El Pardo); Kazenas, 2004b:105 (Kazakhstan: western Tien Shan); Ljubomirov and Yildirim, 2008:199 (in catalog of Crabronidae of Turkey).

As *Prosopigastra* sp. (corrected to *Prosopigastra zalinda* by Pulawski, 1979a:51): de Beaumont, 1965a:54 (Greece), 1967a:331 (Turkey, sp. No. 2).

**sp.**

Giner Mari, 1934:134 (Spain); Al-Houty, 1989:162 (Kuwait: Erifjan); Guichard, 1991a:339 (Jordan).