

Last updated: 18 April 2025

MONIAECERA

Moniaecera Ashmead, 1899d:220. Type species: *Crabro abdominalis* W. Fox, 1895, by original designation.

Revision: Leclercq, 2003.

1. *abdominalis* (W. Fox)

Crabro abdominalis W. Fox, 1895a:199, ♀. Holotype: ♀, USA: Texas: no specific locality (ANSP). – Dalla Torre, 1897:580 (in catalog of world Sphecidae); Cockerell, 1898:148 (New Mexico); Cresson, 1928:52 (holotype in ANSP). – **As *Rhopalum abdominale***: Hartman, 1905:43 (new combination, nesting behavior); Rohwer, 1909e:323 (comparison with *Rhopalum asperatum*, as *asperatus*); Cresson, 1928:52 (holotype in ANSP). – **As *Euphilis abdominalis*** (misspelled as *Euphilis*): Pate, 1937:47 (type species of subgenus *Moniaecera*). – **As *Moniaecera abdominalis***: Ashmead, 1899d:220 (new combination, in checklist of North American Crabronidae); Pate, 1944:353 (type of genus *Moniaecera*), 1948b:55 (in revision of *Moniaecera*); Krombein *in* Muesebeck, Krombein, and Townes, 1951:1019 (in catalog of North American Hymenoptera); Leclercq, 1954c:190 (in catalog of world Crabronini), 301 (nest and prey records); R. Bohart and Menke, 1976:395 (in checklist of world Sphecidae); Krombein, 1979b:1664 (in catalog of North American Hymenoptera); Radović, 1985:65 (sting apparatus analyzed); Leclercq, 2003:10, 11 (in key to *Moniaecera*), 12 (bibliographic references, locality records); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007:46 (Mexico: Tamaulipas).

2. *alexanderi* Leclercq

Moniaecera alexanderi Leclercq, 2003:13, ♂. Holotype: ♂, Mexico: Guerrero: 32 mi. southeast of Petatlán (Texas A & M Univ.). – Leclercq, 2003:10 (in key to *Moniaecera*).

3. *asperata* (W. Fox)

Crabro asperatus W. Fox, 1895a:199, ♂. Lectotype: ♂, USA: New Mexico: Dona Ana County: Las Cruces (ANSP), designated by Cresson, 1928:52. – **As *Moniaecera asperata***: Ashmead, 1899:220 (new combination, in checklist of North American Crabronidae, as *asperatus*); Pate, 1948b:52 (in revision of *Moniaecera*); Krombein *in* Muesebeck, Krombein, and Townes, 1951:1019 (in catalog of North American Hymenoptera); Leclercq, 1954c:190 (in catalog of world Crabronini); Cazier and Mortenson, 1964:111 (nesting habits); Evans, 1964a:71 (nesting habits, communal nesting), 1964b:293 (description of larva); R. Bohart and Menke, 1976:395 (in checklist of world Sphecidae); C. Ward et al., 1977:156 (associated with mesquite (*Prosopis glandulosa* Torr.), Fabaceae); Krombein, 1979b:1664 (in catalog of North American Hymenoptera); Melo, 2000:89 (use of nest by more than one female); Leclercq, 2003:9, 11 (in key to *Moniaecera*), 14 (bibliographic references, locality records).

4. *canelona* Leclercq

Moniaecera canelona Leclercq, 2003:15, ♂. Holotype: ♂, USA, Arizona: Santa Cruz County: 2 mi. southeast of Canelo (FSCA). – Leclercq, 2003:10 (in key to *Moniaecera*).

5. *evansi* Pate

Moniaecera evansi Pate, 1947c:239, ♂. Holotype: ♂, USA: Arizona: Pima County: Tucson (ANSP). – Pate, 1948b:55 (in revision of *Moniaecera*); Krombein *in* Muesebeck, Krombein, and Townes, 1951:1019 (in catalog of North American Hymenoptera); Leclercq, 1954c:190 (in catalog of world Crabronini); Krombein, 1961a:81 (visiting flowers of mat euphorbia, *Euphorbia albomarginata* Torr. and A. Gray, Euphorbiaceae); R. Bohart and Menke, 1976:395 (in checklist of world Sphecidae); Krombein, 1979b:1664 (in catalog of North American Hymenoptera);

H. Allen, 1995:15 (type in ANSP); Leclercq, 2003:9 (in key to *Moniaecera*), 15 (bibliographic references, locality records).

6. *foxiana* Pate

Moniaecera foxiana Pate, 1948b:49, ♀, ♂. Holotype: ♂, USA: California: Riverside County: Inyo (ANSP). – Krombein in Muesebeck, Krombein, and Townes, 1951:1019 (in catalog of North American Hymenoptera); Leclercq, 1954c:190 (in catalog of world Crabronini); R. Bohart and Menke, 1976:395 (in checklist of world Sphecidae); Krombein, 1979b:1664 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP); Leclercq, 2003:9, 12 (in key to *Moniaecera*), 16 (bibliographic references, locality records, additional description).

7. *howardi* Leclercq

Moniaecera howardi Leclercq, 2003:17, ♀, ♂. Holotype: ♂, USA: Arizona: Cochise County: 21 km south of Apache (Kansas Univ.). – Leclercq, 2003:9, 11 (in key to *Moniaecera*).

8. *masoni* Leclercq

Moniaecera masoni Leclercq, 2003:18, ♂. Holotype: ♂, USA: Texas: Brewster County: Big Bend National Park: Nine Point Draw (CNC). – Leclercq, 2003:8 (in key to *Moniaecera*).

9. *pinal* Pate

Moniaecera pinal Pate, 1947a:10, ♂. Holotype: ♂, USA: Arizona: Maricopa County: Phoenix (ANSP). – Pate, 1948b:48 (in revision of *Moniaecera*); Krombein in Muesebeck, Krombein, and Townes, 1951:1019 (in catalog of North American Hymenoptera); Leclercq, 1954c:190 (in catalog of world Crabronini); R. Bohart and Menke, 1976:395 (in checklist of world Sphecidae); Krombein, 1979b:1664 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP); Leclercq, 2003:9, 10 (in key to *Moniaecera*), 19 (bibliographic references, locality records, additional description).

10. *snellingi* Leclercq

Moniaecera snellingi Leclercq, 2003:19, ♂. Holotype: ♂, USA: California: Inyo County: 0.9 mi. northeast of Jackass Spring; Panamint Road (LACM). – Leclercq, 2003:8 (in key to *Moniaecera*).

11. *surensis* Leclercq

Moniaecera surensis Leclercq, 2003:20, ♀, ♂. Holotype: ♂, Mexico: Baja California Sur: east of Microondas and 48 km south of Loreto (LACM) – Leclercq, 2003:9, 11 (in key to *Moniaecera*).

12. *texana* Leclercq

Moniaecera texana Leclercq, 2003:20, ♀, ♂. Holotype: ♂, USA: Texas: Val Verde County: Devil's River: Dolan's Falls Ranch (Texas A & M Univ.). – Leclercq, 2003:9, 11 (in key to *Moniaecera*).

SPECIES DESCRIBED IN MONIAECERA AND TRANSFERRED TO ANOTHER GENUS

chontale Pate, 1948 = *Huavea*