

Last updated: 13 January, 2025

MICROSTICTIA

Microstictia Gillaspy, 1963b:196. Type species: *Monedula femorata* W. Fox, 1895, by original designation.

Revision: R. Bohart and Gillaspy, 1985:34 (California, with key to all species); Ohl, 2005:341 (key to all species).

1. *deserticola* R. Bohart

Microstictia deserticola R. Bohart in Bohart and Gillaspy, 1985:37, ♀, ♂. Holotype: ♂, California: Imperial County: Westmorland (CAS). – R. Bohart and Gillaspy, 1985:35 and 36 (in key to *Microstictia*); Ohl, 2005:344 (in revision of *Microstictia*).

2. *eos* Ohl

Microstictia eos Ohl, 2005:344, ♂. Holotype: ♂, USA: Florida: Lee County: Fort Myers (ZSBS).

3. *exigua* (W. Fox)

Monedula exigua W. Fox, 1895d:370, ♀. Holotype: ♀, USA: Montana: no specific locality (ANSP). – Ashmead, 1899d:240 (in checklist of North American Crabronidae); H. Smith, 1908b:384 (in revision of Nebraskan Sphecidae); Cresson, 1928:46 (holotype in ANSP). – **As *Stictia exigua***: Mickel, 1916a:419 (new generic assignment, Nebraska, description of ♂); Muma, 1952:23 (allotype in UNL). – **As *Stictiella exigua***: Mickel, 1917:285 (new generic assignment, Nebraska); J. Parker, 1917:50 (in revision of North American Bembicinae); Mickel, 1918b:437 (in catalog of Nebraskan Sphecidae); C. Fox, 1923b:434 (Mexico: Sonora); J. Parker, 1929:45 (in generic revision of Stizini and Bembicini); Burks in Muesebeck, Krombein, and Townes, 1951:996 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:551 (in checklist of world Sphecidae); Krombein, 1979b:1716 (in catalog of North American Hymenoptera); Frommer, 1988:96 (California: Riverside County: Deep Canyon). – **As *Microstictia exigua***: Gillaspy, 1963b:198 (new generic assignment); R. Bohart and Gillaspy, 1985:35 (as new synonym of *Microstictia femorata*); Ohl, 2005:346 (in revision of *Microstictia*, as valid species).

Stictiella divergens J. Parker, 1917:55, ♂. Holotype: ♂, USA: Kansas: Sheridan County: no specific locality (Kansas Univ.), see Cockerell, 1918:60. Synonymized with *Microstictia exigua* by Ohl, 2005:347. – Cockerell, 1918:60 (holotype and paratype in Kansas Univ.); Mickel, 1917:285 (Nebraska); J. Parker, 1929:46 (in generic revision of Stizini and Bembicini); Lohrmann, 1948:457, 458 (in review of *Stictiella*); Burks in Muesebeck, Krombein, and Townes, 1951:995 (in catalog of North American Hymenoptera); LaBerge, 1956:527 (holotype in Snow Entomological Museum); R. Bohart and Menke, 1976:551 (in checklist of world Sphecidae); Krombein, 1979b:1716 (in catalog of North American Hymenoptera). – **As *Microstictia divergens***: Gillaspy, 1963b:198 (new generic assignment).

As *Microstictia minutula* (corrected to *Microstictia exigua* by Ohl, 2005:347): Gillaspy, 1963b:198 (new generic assignment); R. Bohart and Gillaspy, 1985:36 (in key to *Microstictia*); Evans and O'Neil, 2007:151 (summary of information on nesting habits).

4. *femorata* (W. Fox)

Monedula femorata W. Fox, 1895d:368, ♂. Holotype or syntypes: ♂, USA: Florida: Jacksonville (USNM). – Ashmead, 1899d:240 (in checklist of North American Crabronidae). – **As *Stictiella femorata***: J. Parker, 1917:53 (new generic assignment, in revision of North American Bembicinae), 1929:46 ((in generic revision of Stizini and Bembicini); Lohrmann, 1948:457, 458 (in review of *Stictiella*); Burks in Muesebeck, Krombein, and Townes, 1951:996 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:551 (in checklist of world Sphecidae); Krombein, 1979b:1716 (in catalog of North American Hymenoptera). – **As *Microstictia femorata***:

Gillasp, 1963b:196 (new generic assignment, type species of *Microstictia*); R. Bohart and Gillasp, 1985:36 (in key to *Microstictia*); Amarante, 2002:12 (in catalog of Neotropical Crabronidae); Ohl and Linde, 2003:150 (number of ovarioles); Ohl, 2005:347 (in revision of *Microstictia*).

5. *flavida* Gillasp

Microstictia flavida Gillasp, 1983:280, ♀, ♂. Holotype: ♂, Arizona: 3 mi. east of Pearce (USNM). – R. Bohart and Gillasp, 1985:36 (in key to *Microstictia*); Amarante, 2002:12 (in catalog of Neotropical Crabronidae); Ohl, 2005:347 (in revision of *Microstictia*).

6. *hurdi* Gillasp

Microstictia hurdi Gillasp, 1983:281, ♀, ♂. Holotype: ♂, Arizona: 3 mi. east of Pearce (USNM). – R. Bohart and Gillasp, 1985:36 (in key to *Microstictia*); Amarante, 2002:12 (in catalog of Neotropical Crabronidae); Ohl, 2005:349 (in revision of *Microstictia*).

7. *lobata* R. Bohart

Microstictia lobata R. Bohart in Bohart and Gillasp, 1985:37, ♀, ♂. Holotype: ♂, California: Riverside County: Magnesia Canyon (UCD). – R. Bohart and Gillasp, 1985:35 and 36 (in key to *Microstictia*); Ohl, 2005:349 (in revision of *Microstictia*).

8. *minutula* (Handlirsch)

Monedula minutula Handlirsch, 1890:148, ♀. Holotype: ♀, USA: Texas: no specific locality but Dallas according to M. Ohl, 2005:350 (originally Wüstnei collection, now ZMUC). – Dalla Torre, 1897:498 (in catalog of world Sphecidae); W. Fox, 1895d:366 (as new synonym of *Monedula pulchella*). – *As Stictiella minutula*: J. Parker, 1917:40 and 1929:42 (new generic assignment, as synonym of *Stictiella pulchella*). – *As Microstictia minutula*: R. Bohart and Menke, 1976:551 (new generic assignment, in checklist of world Sphecidae); Krombein, 1979b:1716 (in catalog of North American Hymenoptera); Ohl, 2005:350 (in revision of *Microstictia*). – Nec *Microstictia minutula* (= *Microstictia exigua*): Gillasp, 1963b:198; R. Bohart and Gillasp, 1985:36, Evans and O'Neil, 2007:151.

Microstictia texensis Gillasp, 1983:282, ♀, ♂. Holotype: ♂, Texas: Brooks County: 8 mi. east of Falfurrias (USNM). Synonymized with *Microstictia minutula* by Ohl, 2005:350 – R. Bohart and Gillasp, 1985:36 (in key to *Microstictia*); Evans, 2002a:5 (known to prey on Lepidoptera).

9. *nova* Gillasp

Microstictia nova Gillasp, 1983:285, ♀. Holotype: ♀, Arizona: Maricopa County: 8 mi. north of Stewart Mountain Dam (USNM). – R. Bohart and Gillasp, 1985:36 (in key to *Microstictia*); Ohl, 2005:350 (in revision of *Microstictia*).

10. *ocellata* R. Bohart

Microstictia ocellata R. Bohart in Bohart and Gillasp, 1985:38, ♀, ♂. Holotype: ♂, Nevada: Lyon County: Weeks (UCD). – R. Bohart and Gillasp, 1985:35 and 36 (in key to *Microstictia*); Ohl, 2005:351 (in revision of *Microstictia*).

11. *pimensis* Ohl

Microstictia pimensis Ohl, 2005:351, ♂. Holotype: ♂, USA: Arizona: Pima County: 12 mi. south-southwest of Ajo (UCD).

12. *rufescens* Gillasp

Microstictia rufescens Gillasp, 1983:284, ♀, ♂. Holotype: ♂, Texas: Brewster County: Lajitas (USNM). – R. Bohart and Gillasp, 1985:35 and 36 (in key to *Microstictia*), 39 (in revision of Californian Stictiellina); Amarante,

2002:12 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Ohl, 2005:352 (in revision of *Microstictia*).