

Last updated: 1 June, 2025

STICTIA

Monedula Latreille, 1802b:345, junior homonym of *Monedula* Moehring, 1758 (Aves). Type species: *Bembex signata* of Fabricius, 1781 [= *Vespa signata* Linnaeus, 1758], designated by Latreille, 1810:438.

Stictia Illiger, 1807b:131. Substitute name for *Monedula* Latreille, 1802b. See also Illiger, 1807b:195, and W. Fox, 1901b:269.

1. *andrei* (Handlirsch)

Monedula andrei Handlirsch, 1890:94, ♀, ♂ (as *Andréi*, incorrect original capitalization and diacritic mark). Syntypes: Peru: no specific locality (NHMW). – Dalla Torre, 1897:496 (in catalog of world Sphecidae). – **As *Stictia andrei***: J. Parker, 1929:36 (new generic assignment, in revision of Stizini and Bembicini); Richards, 1937a:115 (Guyana); Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*, as *anderi*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru).

2. *antiopa* (Handlirsch)

Monedula antiopa Handlirsch, 1890:109, ♀. Origin unknown but certainly South America (MHNG). – **As *Stictia antiopa***: J. Parker, 1929:26 (new generic assignment, in revision of Stizini and Bembicini); Lohrmann, 1948:427 (illustration of male tergum VII), 461 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae).

3. *arcuata* (Taschenberg)

Monedula punctata Gruppe *arcuata* Taschenberg, 1870:22, ♀, ♂. Syntypes: South America: no specific locality (Halle). – **As *Monedula arcuata***: Burmeister, 1874:112 (new status, in revision of Argentinean Bembicini); Handlirsch, 1890:104 (in revision of world Bembicinae), 1895:968 (Uruguay: Montevideo; as *arcuata* Burm.); Dalla Torre, 1897:496 (in catalog of world Sphecidae, authorship attributed to Burmeister); W. Fox, 1899:200 (Brazil: Rio Grande do Sul); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay). – **As *Stictia arcuata***: Schrottky, 1913a:232 (new generic assignment, Argentina, Uruguay); J. Parker, 1929:34 (in revision of Stizini and Bembicini); Willink, 1947:619 (in revision of Argentinean Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*; as *arcuata* Burmeister); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Genise, 1981a:15 (nesting habits); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Evans and O'Neil, 2007:136 (summary of information on nesting habits).

4. *belizensis* (Cameron)

Monedula belizensis Cameron, 1907c:317, ♀. Holotype or syntypes: ♀, Belize: Belize (BMNH). – **As *Stictia belizensis***: Lohrmann, 1948:424 (new generic assignment, in checklist of recently described *Stictia*), 460 (in review of *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae).

5. *caribana* Fritz

Stictia caribana Fritz, 1971b:183, ♀, ♂. Holotype: ♂, Venezuela: Puerto Cabello (ETH Zurich). – R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae, dated 1972); Amarante, 2002:11 (in catalog of Neotropical Crabronidae), 2005a:9 (correction to his 2002 catalog).

6. *carolina* (Fabricius)

Bembix carolina Fabricius, 1793:249, sex not stated. Lectotype: ♂, USA: Carolina (North or South?): no specific locality (MNHN), designated by van der Vecht, 1961a:56. – Fabricius, 1796:18 (in Index to his Entomologia Systematica, 1793); Coquebert, 1799:24 (illustration of Fabrician type), pl. VI Fig.2 (illustration of Fabrician type); Jurine, 1807:175 (in reclassification of Hymenoptera); Cresson, 1863:316 (in catalog of North American Hymenoptera); Burks in Muesebeck, Krombein, and Townes, 1951:998 (in catalog of North American Hymenoptera); Krombein, 1953a:295 (visiting foliage of *Pinus serotina* Michx., Pinaceae), 298 (visiting flowers of *Monarda punctata* L., Lamiaceae, and *Cephalanthus occidentalis* L., Rubiaceae), 336 (North Carolina), 1953b:125 (attracted to a grass), 133 (North Carolina: Kill Devil Hills); L. Davis, 1978:216 (North Carolina: Kill Devil Hills, data from Krombein, 1953a). – **As *Monedula carolina***: Latreille, [1805]:302 (new generic assignment, redescription); Dahlbom, 1844:183 (in revision of Sphecidae and Pompilidae), 1845:494 (in key to *Monedula*); Lepeletier de Saint Fargeau, 1845:281 (in revision of world Hymenoptera); F. Smith, 1856:335 (in catalog of Hymenoptera in British Museum); Taschenberg, 1870:21 (North America); Cresson, 1873:220 (Texas), 1887:278 (in catalog of North American Hymenoptera); Handlirsch, 1890:110 (in revision of world Bembecinae); C. Robertson, 1892:106 (visiting flowers of *Pycnanthemum muticum* Pers., Lamiaceae); W. Fox, 1895d:366 (in synopsis of North American Bembicini); Dalla Torre, 1897:497 (in catalog of world Sphecidae); Ashmead, 1899d:240 (in checklist of North American Crabronidae); J. Smith, 1900:517 (in list of insects of New Jersey); Hartman, 1905:26 (nesting habits); Hine, 1907:13 (nesting habits); Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:116 (specimens in M. Spinola collection, Torino, are *Stictia carolina*). – **As *Stictia carolina***: Hart, 1907:256 (new generic assignment, Illinois); J. Smith, 1910:679 (in new list of insects of New Jersey); J. Parker, 1917:20 (in revision of North American Bembicini), 132 (nesting habits); J.Ch. Bradley, 1928:1018 (in catalog of New York Sphecidae); J. Parker, 1929:28 (in revision of Stizini and Bembicini); Cartwright, 1931:269 (South Carolina: Jocassee); Brimley, 1938:449 (North Carolina: Guilford and Moore counties, east and south); MacCreary, 1940:24 (preying on *Tabanus nigrovittatus* Macquart and *T. lineola* Fabricius, Tabanidae); Lohrmann, 1948:460 (in review of *Stictia*); Evans and Lin, 1956b:53 (description of larva); Krombein, 1958c:106 (nest, prey), 1958f:196 (in supplement to catalog of North American Hymenoptera: description of larva by Evans and Lin, 1956b, reported), 1959e:196 (nest, prey); Evans, 1963a:148 (known as "horse guard"), 1964b:268 (description of larva), 1966d:223 (nesting habits); Chandler, 1966:144 (in revision of Bembicini and Stizini of Indiana); Roberts and Wilson, 1967:412 (population density of two or more wasps per cattle head significantly reduced tabanid population); C. Lin, 1971:275 (nesting habits); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae), Krombein, 1979b:1707 (in catalog of North American Hymenoptera, nesting sites, list of prey); Hook, 1981b:202 (preying on hesperiids in addition to Diptera); Radović, 1985:66 (sting apparatus analyzed); Piek and Spanjer, 1986:190 (in list of Sphecidae with known prey); Steiner, 1986:110 (references to publications on nesting habits); Spofford, Kurczewski, and Downes, 1989:259, 260, 261 (summary of previous records for nest parasites *Senotainia trilineata* (Wulp), *Senotainia* sp. near *trilineata* (Wulp), *Senotainia* sp., miltogrammine flies, and undetermined species of Miltogrammini); Ahlstrom, 1995:112 (in checklist of insects of North Carolina); Evans, 2002a:3 (preying mainly on Diptera, occasionally on non-Diptera); Buck, 2004:27 (Canada: in checklist of Crabronidae of Ontario), 31 (distribution within Ontario), 69 (first record from Canada: Ontario: Point Pelee National Park); Buck, Paiero, and Marshall, 2006:41 (Canada: Ontario: Kent County: Rondeau Provincial Park); Evans and O'Neil, 2007:136 (summary of information on nesting habits); Nemkov, 2012b:123 (review of known prey); Buck and Bennett, 2025:208 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Ontario: no specific locality).

7. *croceata* (Lepeletier de Saint Fargeau)

Monedula punctata subvar. *croceata* Lepeletier de Saint Fargeau, 1845:285, ♀, ♂. Syntypes: French Guyana: Cayenne, or Brazil: no specific locality (M. Spinola collection, Torino). – **As *Monedula croceata***: Pagliano, 2011a:116 (specimens in M. Spinola collection, Torino, are *Stictia croceata*). – **As *Stictia croceata***: R. Bohart and Menke,

1976:542 (new generic assignment, new status, in checklist of world Sphecidae); Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Torino); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru).

Monedula proserpina Handlirsch, 1890:99, ♀, ♂ (as *Proserpina*, incorrect original capitalization). Syntypes: Peru: Iquitos: Nauta (A. André coll. and TMB). Not available: described as synonym of *Monedula punctata* subvar. *croceata* Lepelletier de Saint Fargeau, 1845:285 (Article 11.6). – Dalla Torre, 1897:499 (in catalog of world Sphecidae). – **As *Stictia proserpina***: J. Parker, 1929:35 (new generic assignment, in revision of Stizini and Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*).

8. *decemmaculata* (Packard)

Monedula decemmaculata Packard, 1869:60, ♀. Holotype: ♀, Brazil: “route on the Napo and Marañon rivers” (depository?). – Handlirsch, 1890:154 (original description translated into German); Dalla Torre, 1897:497 (in catalog of world Sphecidae); Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection); Pagliano, 2011a:118 (specimens in M. Spinola collection, Torino, are *Stictia decemmaculata*). – **As *Stictia decemmaculata***: Lohrmann, 1948:461 (new generic assignment, in review of *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae).

9. *decorata* (Taschenberg)

Monedula punctata Gruppe *decorata* Taschenberg, 1870:23, ♀, ♂. Syntypes: South America: no specific locality (Halle). – **As *Monedula decorata***: Burmeister, 1874:114 (in revision of Argentinean Bembicini); Handlirsch, 1890:105 (in revision of world Bembicinae), 1895:968 (Argentina: Mendoza; diagnostic characters; as *decorata* Burm.); Dalla Torre, 1897:497 (in catalog of world Sphecidae, authorship attributed to Burmeister); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); Bischoff and von Schulthess, 1937:169 (Bolivia: Fortín Esteros). – **As *Stictia decorata***: Jörgensen, 1912:289 (new generic assignment, Argentina: Mendoza Province, floral records); Schrottky, 1913a:232 (Argentina); J. Parker, 1929:27 (in revision of Stizini and Bembicini); Willink, 1947:616 (in revision of Argentinean Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*; as *decorata* Burmeister); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Sielfeld, 1980b:75 (in checklist of Chilean Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru).

10. *dives* (Handlirsch)

Monedula dives Handlirsch, 1890:106, ♀, ♂. Syntypes: Mexico: no specific locality (MHNG and TMB). – Cameron, 1890a:100 (in list of Central American Sphecidae; bibliographic reference); Dalla Torre, 1897:497 (in catalog of world Sphecidae); Ashmead, 1899d:240 (in checklist of North American Crabronidae). – **As *Stictia dives***: J. Parker, 1929:28 (new generic assignment, in revision of Stizini and Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae).

11. *flexuosa* (Taschenberg)

Monedula punctata Gruppe *flexuosa* Taschenberg, 1870:22, ♀, ♂. Syntypes: South America: no specific locality (Halle). – **As *Monedula flexuosa***: Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay). – **As *Stictia flexuosa***: Schrottky, 1913a:232 (new generic assignment, Argentina, Uruguay); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Genise, 1982b:79 (nesting habits), 1982d:118 (description of mature larva); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Evans and O’Neil, 2007:137 (summary of information on nesting habits).

Monedula carbonaria Burmeister, 1874:113, ♀, ♂. Syntypes: Argentina: Corrientes: Río Guaiquiraro (MACN). Synonymized with *Stictia flexuosa* by Handlirsch, 1890:102 (but treated as valid name). – E. Lynch Arribálzaga,

1878:157 (locality records, coloration); Handlirsch, 1890:102 (in revision of world Bembicinae); Dalla Torre, 1897:497 (in catalog of world Sphecidae). – **As *Stictia carbonaria***: J. Parker, 1929:34 (new generic assignment, in revision of Stizini and Bembicini); Willink, 1947:613 (in revision of Argentinean Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); Willink, 1948b:322 (study of type material); C. Lin, 1971:284 (in list of Neotropical *Stictia*).

12. *gorgonensis* (Cheesman)

Monedula gorgonensis Cheesman, 1928b:102, ♀, ♂. Holotype: sex not stated, Colombia: Island of Gorgona (BMNH). – Cheesman, 1929:151 (Colombia: Island of Gorgona); not listed by Bohart and Menke, 1976. – **As *Stictia gorgonensis***: Lohrmann, 1948:460 (in review of *Stictia*); Amarante, 2002:11 (new generic assignment, in catalog of Neotropical Crabronidae).

13. *heros* (Fabricius)

Bembex heros Fabricius, 1804:222, sex not stated. Holotype: ♀, South America: no specific locality (ZMUC). – **As *Mondula heros***: Cameron, 1890a:98 (new generic assignment, Mexico, Nicaragua, Panama, redescription); Handlirsch, 1890:108 (in revision of world Bembicinae), 1895:968 (reference to Cameron, 1890; additional locality records); Dalla Torre, 1897:498 (in catalog of world Sphecidae); Ashmead, 1899d:240 (in checklist of North American Crabronidae); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay). – **As *Stictia heros***: Schrottky, 1913a:232 (new generic assignment, Uruguay, Paraguay); J. Parker, 1929:25 (in revision of Stizini and Bembicini); Lohrmann, 1948:461 (in review of *Stictia*); van der Vecht, 1961a:56 (study of holotype); Evans, 1964b:267 (description of larva), 1966d:252 (nesting habits); C. Lin, 1971:284 (in list of Neotropical *Stictia*), 285 (citation of Evans, 1966d); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Sheenan, 1984:377 (nesting habits); Wcislo, 1987:519 (facultative parasitic behavior within otherwise free-living species); Larsson, 1989a:1-31 (effects of weather on mating patterns and population density), 1889b:849 (males patrol nesting areas between 8.00 and 10.45 a.m., and switch to territorial hovering at fixed positions at about 10.45 a.m.); Larsson and Larsson, 1989:117 (nesting habits); Maes, 1989:97 (in catalog of Nicaraguan Sphecidae); Raymond, 1989:305 (French Guyana, hunting); Villalobos and Shelly, 1994:99 (male mating habits); Hanson and Menke, 1995:648 (known from Costa Rica); Villalobos and Shelly, 1996:105 (robbing of prey conspecific females and conspecific nest); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Evans and O'Neil, 2007:137 (summary of information on nesting habits).

14. *infracta* J. Parker

Stictia infracta J. Parker, 1929:33, ♀. Holotype: ♀, Peru: Piura (USNM). – Lohrmann, 1948:459 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru).

15. *insulana* Lohrmann

Stictia insulana Lohrmann, 1942b:211, ♀. Holotype: ♀, Venezuela: Curaçao: no specific locality (Zool. Mus. Hamburg, destroyed in World War 2). – Lohrmann, 1948:424 (in checklist of recently described *Stictia*), 460 (in review of *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae).

16. *maccus* (Handlirsch)

Monedula maccus Handlirsch, 1895:967, ♀. Syntypes: Argentina: Cordova (RMNH). – Dalla Torre, 1897:498 (in catalog of world Sphecidae); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay). – **As *Stictia maccus***: Schrottky, 1913a:232 (new generic assignment, Argentina: Córdoba); Lohrmann, 1948:425 (in checklist of recently described *Stictia*), 460 (in review of *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Buys, 2012b:74 (Brazil:

Rio de Janeiro State: Angra dos Reis), 2014b:21 (Brazil: Espírito Santo: Alegre, Santa Teresa; digging nest as late as 5:25 p.m.).

Monedula maccus Handlirsch, 1896:110, ♀. Objective synonym of *Monedula maccus* Handlirsch, 1895.

As *Monedula lineata* (misinterpretation of *Bembex lineata* Fabricius, now in *Stizus*: see van der Vecht, 1961a:51); Burmeister, 1874:111 (in revision of Argentinean Bembecini, new generic assignment); Handlirsch, 1890:100 (in revision of world Bembicinae); Dalla Torre, 1897:498 (in catalog of world Sphecidae); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay). – **As *Stictia lineata***: Schrottky, 1913a:232 (new generic assignment, Paraguay); J. Parker, 1929:32 (in revision of Stizini and Bembicini); Willink, 1947:604 (in revision of Argentinean Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); Evans and Matthews, 1974:132 (nesting habits).

NOTE: Van der Vecht (1961a:51) said that *lineata* of Parker was identical to *pantherina*, whereas Bohart and Menke (1976:542) assigned *lineata* of authors to *maccus*. There are problems with both interpretations: Handlirsch recognized *lineata*, *maccus*, and *pantherina* as distinct species, hence synonymizing his *lineata* with one of the other two is not correct.

17. *maculata* (Fabricius)

Bembex maculata Fabricius, 1804:222, sex not stated. Lectotype: ♀, South America: no specific locality (ZMUC). – Dahlbom, 1845:XXII (specimens in collection Fabricius are *Monedula*). – **As *Monedula maculata***: Dahlbom, 1845:XXII (new generic assignment), 493 (in key to *Monedula*); F. Smith, 1856:332 (as synonym of *Monedula punctata*); Cameron, 1890a:99 (Honduras, Mexico, Panama); Handlirsch, 1890:92 (in revision of world Bembicinae); Dalla Torre, 1897:498 (in catalog of world Sphecidae); Ashmead, 1899d:240 (in checklist of North American Crabronidae); Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:116 (specimens in M. Spinola collection, Torino, are *Stictia maculata*). – **As *Stictia maculata***: Erichson, 1849:589 (new generic assignment, British Guyana); Schrottky, 1913a:232 (Argentina: Mendoza); Campos, 1922:65 (Ecuador: Playas del Morro, Posorja); J. Parker, 1929:31 (in revision of Stizini and Bembicini); Richards, 1937a:114 (Guyana); Lohrmann, 1948:460 (in review of *Stictia*); van der Vecht, 1961a:56 (study of holotype); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Matthews, Saunders, and Matthews, 1981:249 (nesting habits); Radović, 1985:66 (sting apparatus analyzed); Steiner, 1986:110 (references to publications on nesting habits); Raymond, 1989:304 (French Guyana, hunting); Hanson and Menke, 1995:648 (known from Costa Rica); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Evans and O'Neil, 2007:139 (summary of information on nesting habits); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru).

18. *maculitarsis* Schrottky

Stictia maculitarsis Schrottky, 1913b:705, ♀. Holotype: ♀, Brazil: San Paulo (Mus. Paulista, now Mus. Zool. Univ. São Paulo). – Lohrmann, 1948:425 (in checklist of recently described *Stictia*), 460 (in review of *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Menezes de Jesus, Onody, dos Santos Ramos, de Oliveira Andrade, Doria dos Santos, and Ferreira Brandão, 2019:2 (holotype in Mus. Zool. Univ. São Paulo).

19. *medea* (Handlirsch)

Monedula medea Handlirsch, 1890:109, ♀ (as *Medea*, incorrect original capitalization). Syntypes: Brazil: no specific locality (MHNG and TMB). – Handlirsch, 1895:968 (French Guiana: Cayenne); Dalla Torre, 1897:498 (in catalog of world Sphecidae); Ducke, 1901:242 (Brazil: Pará: Belém, description of ♂). – **As *Stictia medea***: J. Parker, 1929:25 (new generic assignment, in revision of Stizini and Bembicini); Lohrmann, 1948:425 (in checklist of recently described *Stictia*, ♂ described by Ducke, 1901), 461 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Nascimento and Overal, 1980:11 (Brazil); Amarante, 2002:11 (in catalog of Neotropical Crabronidae).

20. *mexicana* (Handlirsch)

Monedula mexicana Handlirsch, 1890:107, ♂ (as *Mexicana*, incorrect original capitalization). Syntypes: ♂, Mexico: no specific locality (TMB). – Cameron, 1890a:100 (bibliographic reference); Dalla Torre, 1897:498 (in catalog of world Sphecidae); Ashmead, 1899d:240 (in checklist of North American Crabronidae). – **As *Stictia mexicana***: J. Parker, 1929:29 (new generic assignment, in revision of Stizini and Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae).

21. *pantherina* (Handlirsch)

Monedula pantherina Handlirsch, 1890:95, ♀, ♂. Syntypes: Brazil (Hamburg and TMB), Colombia (coll. von Schulthess, now ETH Zurich), and Guyana (BMNH, Hamburg, MHNG); no specific locality. – Dalla Torre, 1897:498 (in catalog of world Sphecidae); Bodkin, 1917:122 (Guyana), 1918:314 (British Guiana, preying on Tabanidae). – **As *Stictia pantherina***: J. Parker, 1929:30 (new generic assignment, in revision of Stizini and Bembicini); Richards, 1937a:114 (Guyana); Lohrmann, 1948:460 (in review of *Stictia*); Evans, 1966d:253 (synopsis of known behavioral information); C. Lin, 1971:284 (in list of Neotropical *Stictia*), 285 (citation of Bodkin, 1918); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Nascimento and Overal, 1980:11 (Brazil); Callan, 1991a:12 (Trinidad), 1991c:136 (nest, prey); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:18 (in catalog of Aculeata of Trinidad, West Indies); Evans and O'Neil, 2007:139 (summary of information on nesting habits).

As *Bembex lineata*: Fabricius, 1804:225 (redescription), corrected to *Stictia pantherina* by van der Vecht, 1961a:51.

22. *pictithorax* (Strand)

Monedula punctata var. *pictithorax* Strand, 1910a:149, ♀. Syntypes: Paraguay: Asunción: Asunción and Villa Morra (ZMHU). – Strand, 1927:254 (in list of species described by author). – **As *Stictia pictithorax***: Lohrmann, 1948:425 (new generic assignment, new status, in checklist of recently described *Stictia*), 460 (in review of *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae, as tentative synonym of *Stictia punctata*); Fritz, 1982:14 (Argentina: Corrientes: Ituzaingo; as *pictithorax* Schrottky).

Monedula punctata var. *pictithorax* ab. *rubrimaculata* Strand, 1910a:149, ♀. Not available: proposed as infrasubspecific name (Articles 10.2 and 45.5). Holotype: Paraguay: Asunción: Asunción or Villa Morra (ZMHU). – Strand, 1927:254 (in list of species described by author).

23. *punctata* (Fabricius)

Bembyx punctata Fabricius, 1775:361, sex not stated. Holotype: ♀, Brazil: no specific locality (BMNH, Banks, coll.). – **As *Vespa punctata***: Christ, 1791:220 (new generic assignment, redescription). – **As *Bembex punctata***: Fabricius, 1781:458 (redescription), 1787:285 (redescription); Olivier, 1789:290 (redescription, Cayenne); Fabricius, 1793:248 (redescription), 1796:18 (in Index to his Entomologia Systematica, 1793), 1804:223 (redescription); Jurine, 1807:175 (in list of *Bembex*); Dahlbom, 1845:XXII (specimens in collection Fabricius are *Monedula*). – **As *Monedula punctata***: Dahlbom, 1844:184 (new generic assignment, in revision of Sphecidae and Pompilidae), 1845:493 (in key to *Monedula*); Lepeletier de Saint Fargeau, 1845:284 (in revision of world Hymenoptera); F. Smith, 1856:332 (in catalog of Hymenoptera in British Museum); Taschenberg, 1870:22 (redescription); Burmeister, 1874:111 (in revision of Argentinean Bembicini); Cameron, 1890a:99 (Guatemala, Mexico, Panama); Handlirsch, 1890:97 (in revision of world Bembicinae), 1895:967 (additional bibliography and locality records); Dalla Torre, 1897:499 (in catalog of world Sphecidae); G. Peckham and E. Peckham, 1898:69 (nesting habits after W. Hudson, 1895); Ashmead, 1899d:240 (in checklist of North American Crabronidae); W. Fox, 1899:200 (Brazil: Iguape); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); Cameron, 1912a:431 (Guyana); Bodkin, 1918:316 (British Guiana); E. Nielsen, 1933:298 (summary of nesting habits); Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:116 (spec-

imens in M. Spinola collection, Torino, are *Stictia punctata* and *Stictia* sp.). – **As *Stictia punctata***: W. Fox, 1897b:383 (new generic assignment, Brazil: Mato Grosso: Chapada de Guimaraes); Jörgensen, 1912:289 (Argentina: Mendoza Province) Schrottky, 1913a:232 (Argentina, Paraguay, Uruguay); Bodkin, 1917:122 (Guyana; as *punctata* Lep.); J. Parker, 1929:32 (in revision of Stizini and Bembicini); Willink, 1947:607 (in revision of Argentinean Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); van der Vecht, 1961a:57 (discussion of type material); Evans, 1966d:253 (specimens observed by Hudson, 1892, were probably *Rubrica gravida*); C. Lin, 1971:284 (in list of Neotropical *Stictia*), 285 (citation of Hudson, 1892); Evans and Matthews, 1974:131 (nesting habits); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Nascimento and Overal, 1980:11 (Brazil); Steiner, 1986:110 (references to publications on nesting habits); F. Fernández, 1990:24 (Colombia: Meta: Parque Nacional Natural La Macarena); Amarante, 1996:9 (hunting tactics, as *punctuata*); Tschuch and Brothers, 2000:324 (large setae on male sternum VI are unlikely to be stridulatory organs); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Evans and O'Neil, 2007:140 (summary of information on nesting habits); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru); Buys, 2012b:74 (Brazil: Rio de Janeiro State: several localities); Guimarães, Buys, Vivallo, Guimarães Júnior, Storti Rodrigues, Guimarães, dos Santos Seppa, and de Carvalho, 2014:81 (Brazil: Rio de Janeiro: Ilha de Marambaia); Silvestre, Demétrio, Trad, de Oliveira Lima, Auko, and de Souza, 2014:69 (Brazil: Mato Grosso do Sul: dry forests in Bodoquena Mountain Range and Brazilian Chaco); Guimarães, Guimarães, Jr., Buys, Rodrigues Storti, Guimarães, Wermelinger, and Carvalho, 2016:29 (Brazil: Rio de Janeiro: Ilha de Marambaia, preying on tabanids that attack horses); Trad and Silvestre, 2017:4 (Brazil: Mato Grosso do Sul).

24. *signata* (Linnaeus)

Vespa signata Linnaeus, 1758:574, sex not stated. Lectotype: ♀, America = Surinam: no specific locality (Museum Ludovicae Ulricae, Uppsala), designated by Day, 1979:72. – Sulzer, 1776a:195 (redescription), 1776b:plate XXVII, Fig 9 (color illustration of imago); Christ, 1791:219 (redescription); Day and Fitton, 1978:194 (recuration of Linnean type material). – **As *Apis signata***: Thunberg, 1791:126 (new generic assignment, specimens donated to Academia Upsaliensis, in *Bembix* according to Fabricius). – **As *Bembex signata***: Fabricius, 1775:361 (new generic assignment, redescription, as *Bembyx*), 1781:457 (redescription); Olivier, 1789:290 (redescription, Cayenne); Fabricius, 1793:247 (redescription), 1796:19 (in Index to his Entomologia Systematica, 1793); Lichtenstein, 1796:205, 206 (in auction catalog); Jurine, 1807:175 (in list of *Bembex*); Dahlbom, 1845:XXII (specimens in collection Fabricius are *Monedula*). – **As *Bembix signata***: Burks in Muesebeck, Krombein, and Townes, 1951:998 (in catalog of North American Hymenoptera); Krombein, 1953c:18 (Bahama Islands: Island of South Bimini). – **As *Monedula signata***: Panzer, 1906:introduction (redescription); Dahlbom, 1844:185 (new generic assignment, in revision of Sphecidae and Pompilidae), 1845:494 (in key to *Monedula*); Lepeletier de Saint Fargeau, 1845:283 (in revision of world Hymenoptera); Kirchner, 1854:312 (Czechoslovakia: Kaplitz in Budweiser District, now České Budějovice; as *signata* Latr., obviously in error); F. Smith, 1856:331 (in catalog of Hymenoptera in British Museum), 1862a:37 (Panama); A. Costa, 1864a:61 (two specimens from Mexico in Museo Zoologico di Napoli), 1864b:112 (two specimens from South America in Museo Zoologico di Napoli); Cresson, 1865a:143 (Cuba); A. Costa, 1866:24 (two specimens from Martinique in Museo Zoologico di Napoli); Taschenberg, 1870:24 (Venezuela); Burmeister, 1874:115 (in revision of Argentinean Bembicini); Dewitz, 1881:203 (Puerto Rico); W.F. Kirby, 1884a:407 (Brazil: Bahia); Gundlach, 1886:133 (Cuba); Cameron, 1890a:99 (Belize, Costa Rica, Guatemala, Honduras, Mexico); Handlirsch, 1890:86 (in revision of world Bembicinae); W.F. Kirby, 1890:540 (Island of Fernando de Noronha); W. Fox, 1891d:342 (Jamaica); Radoszkowski, 1892:578 (male genitalia); W. Fox, 1895d:365 (in synopsis of North American Bembicini; California: Napa County); Handlirsch, 1895:966 (additional bibliography and locality records); Ashmead, 1896b:30 (Bahama Islands: Island of Eleuthera); Dalla Torre, 1897:499 (in catalog of world Sphecidae); W. Fox, 1897b:383 (Brazil: Mato Grosso: Chapada de Guimaraes); G. Peckham and E. Peckham, 1898:70 (preying on single unnamed fly species); Ashmead, 1899d:240 (in checklist of North Ameri-

can Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); W. Fox, 1899:200 (Brazil: Rio Grande do Sul); Ashmead, 1900:224 (Lesser Antilles: Saint Vincent and Grenada Islands), 305 (in checklist of Caribbean Hymenoptera); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); W. Schulz, 1903:477 (Caribbeans: Haiti and Saint Kitts); Ducke, 1907b:91 (Brazil: Maranhão State: common everywhere); Schrottky, 1907:273 (first record from Paraguay: Villa Encarnación); Ducke, 1908b:83 (Brazil: not found in Ceará State); Schrottky, 1908:25, 51 (visiting flowers of *Mimosa asperata* L., Fabaceae), 1909c:210, 212 (occurring on dry sand); Strand, 1910a:147 (Paraguay), 1910b:15 (Peru: Lima); Bodkin, 1917:122 (Guyana; as *signata* Latr.), 1918:316 (British Guiana, preying and nesting); Cheesman, 1929:151 (Panama: Islas de Las Perlas); G. Carpenter, 1930b:300 (nest closure); Bischoff and von Schulthess, 1937:169 (Bolivia); Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:117 (specimens in coll. Spinola, Torino, are *Stictia signata*). – **As *Stictia signata***: Erichson, 1849:589 (new generic assignment, British Guyana); Schrottky, 1913a:232 (Argentina, Paraguay); J. Parker, 1917:18 (in revision of North American Bembicini); Holland, 1917:295 (Cuba: Isla de Pinos, now Isla de la Juventud: Nueva Gerona); Campos, 1922:65 (Ecuador: Bucay, El Morro, Playas del Morro); C. Fox, 1926:219 (Mexico: Golf of California: Revillagigedo Islands); J. Parker, 1929:26 (in revision of Stizini and Bembicini); Bondar, 1930:181 (prey: Diptera; as *signeta*); Richards, 1937a:113 (Guyana); Soukup, 1943:266 (Peru); Willink, 1947:610 (in revision of Argentinean Bembicini); Lohrmann, 1948:426 (illustration of ocellar scars), 429 (illustration of male sternum VIII), 459 (in review of *Stictia*); Wolcott, 1951:846 (in review of insects of Puerto Rico); Evans, 1964b:267 (description of larva); Alayo Dalmau, 1969:23 (Cuba, revision); C. Lin, 1971:284 (in list of Neotropical *Stictia*), 285 (publications on nesting habits listed); Pérez D'Angello, Rojas A., and Gaultier A., 1971:112 (wing venation and cells); Evans, 1972b:18 (Caribbeans: Island of Dominica); Alayo Dalmau, 1973:189 (in catalog of Cuban Hymenoptera); Medina Gaud and Martorell, 1974:271 (Puerto Rico: island of Caja de Muertos at 17°54'N 66°32'W); Aguilar, 1976:59 (Peru: coastal hills); Alayo Dalmau, 1976:30 (in checklist of Cuban Sphecidae); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Elliott, Kurczewski, Claflin, and Salbert, 1979:357 (Bahama Islands: Island of San Salvador, nesting and predatory habits); Krombein, 1979b:1708 (in catalog of North American Hymenoptera, nesting sites, list of prey); Nascimento and Overal, 1980:12 (Brazil); de Zayas, 1981:79 (Cuba), 80 (illustration of habitus); Post, 1981:105 (nesting habits); Sielfeld, 1980b:75 (in checklist of Chilean Sphecidae); Alayo Soto, 1982:2 (nesting habits); Simon Thomas, 1984:97 (Caribbean: islands of Saint Martin, Saba, and Saint Eustatius); Fritz, 1982:14 (Argentina: Corrientes: Ituzaingo); Philippi and Eberhard, 1986:604 (foraging habits); Steiner, 1986:110 (references to publications on nesting habits); Ch. Porter, 1987:47 (Chile: Tarapaca Region); Posey, 1987:192, 187 (Kalapalo Indian myths include preying on tabanids); Maes, 1989:97 (in catalog of Nicaraguan Sphecidae); Raymond, 1989:303 (French Guyana, hunting); F. Fernández, 1990:24 (Colombia: Meta: Parque Nacional Natural La Macarena); W. Martin and R. Martin, 1990:71 (nesting habits; Mexico: Quintana Roo State); Callan, 1991a:12 (Trinidad), 1991c:137 (nest, prey); Elliott, 1992:45 (in list of wasps of Bahama Islands: occurring on Islands of Bimini, Long Island, and San Salvador); Snelling, 1992:14 (Virgin Islands: Islands of Guana and Mona); Cabrera La Rosa, 1993:72 (Peru: La Molina); Snelling, 1993:18 (British Virgin Islands: Island of Guana), 19 (same: Island of Mona); Genaro, 1999:535 (habits of nest parasites *Liohippelates* sp. near *collusor*, a chloropid, and its hyperparasite, *Hexacola* sp., a eucoilid); Tschuch and Brothers, 2000:324 (large setae on male sternum VI are unlikely to be stridulatory organs); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Fernández, Saríol, Vega, Ricardo, González, and Portuondo, 2002:46 (Cuba: Provincia Granma); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Starr and Hook, 2003:18 (West Indies: in catalog of Aculeata of Trinidad); Portuondo and Fernández, 2004:135 (Cuba: Sierra Maestra and Nipe-Sagua-Baracoa mountains); Snelling, 2005:291 (British Virgin Islands: Island of Guana); Genaro, 2006:53 (in checklist of Cuban Sphecidae and Crabronidae; other countries: Florida to Argentina, Isla de Juventud, Cayman Island, Bahamas, Jamaica, Hispaniola, Island of Mona, Puerto Rico, Island of Guana, Saint Vincent, Saint Kitts, Grenada, Dominica, Guadalupe, Trinidad); Evans and O'Neil, 2007:140 (summary of information on nesting habits); Perez-

Gelabert, 2008:240 (in list of arthropods of island of Hispaniola); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru, as *signata signata*); Buys, 2011a:411 (Brazil: Ilha de Fernando de Noronha), 2012b:76 (Brazil: Rio de Janeiro State: several localities; as *signata signata*); Chiappa, 2012:9 (Chile: Región de Valparaíso: no specific locality); Guimarães, Buys, Vivallo, Guimarães Júnior, Storti Rodrigues, Guimarães, dos Santos Seppa, and de Carvalho, 2014:81 (Brazil: Rio de Janeiro: Ilha de Marambaia, as *signata signata*); Trad and Silvestre, 2017:4 (Brazil: Mato Grosso do Sul); Klein, 2025:130 (Leeward Antilles: Bonaire Island).

Apis vespiformis De Geer, 1773:570, sex not stated. Holotype or syntypes: Surinam: no specific locality (NRS?). Synonymized with *Bembex signata* by Olivier, 1789:290. – As *Monedula vespiformis*: Guérin-Ménéville, 1827a:84 (new generic assignment, in Dictionnaire classique d'histoire naturelle).

Monedula insularis Dahlbom, 1844:186, ♀. Syntypes: ♀, Guadeloupe: Island of Saint Barthélemy; and Virgin Islands: Island of Saint Thomas: no specific localities (Lund). Synonymized with *Monedula signata* by ... – Dahlbom, 1845:494 (in key to *Monedula*); F. Smith, 1856:333 (in catalog of Hymenoptera in British Museum); Cresson, 1863:316 (in catalog of North American Hymenoptera), 1865a:143 (Cuba, redescription), 1869 (Cuba, variation); Gundlach, 1886:134 (Cuba). – As *Bembex insularis*: Handlirsch, 1893:826 (new generic assignment, in revision of world Bembicinae); J. Parker, 1929:95 (in revision of Stizini and Bembicini); Ashmead, 1900:306 (in checklist of Caribbean Hymenoptera). – As *Epibembex insularis*: Krombein, 1953c:18 (new generic assignment; Bahama Islands: South Bimini Island); Alayo Dalmau, 1969:25 (Cuba, revision).

ssp. *aricana* Lohrmann

Stictia signata form *aricana* Lohrmann, 1948:459, ♀, ♂. Syntypes: Chile: Arica (NHMW). – As *Stictia signata aricana*: R. Bohart and Menke, 1976:542 (new status, in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru).

25. *sombrana* J. Parker

Stictia sombrana J. Parker, 1929:30, ♂. Holotype: ♂, Peru: Loreto: La Sombra to El Encapto in Putumayo District (Cornell Univ.). – Lohrmann, 1948:460 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Rasmussen and Asenjo, 2009:7 (in checklist of Crabronidae of Peru).

26. *trifasciata* J. Parker

Stictia trifasciata J. Parker, 1929:24, ♂. Holotype: ♂, Paraguay: Sapucaí (USNM). – Lohrmann, 1948:461 (in review of *Stictia*); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Fritz, 1982:14 (Argentina: Corrientes: Ituzaingo); Amarante, 2002:11 (in catalog of Neotropical Crabronidae).

27. *vivida* (Handlirsch)

Monedula vivida Handlirsch, 1890:101, ♀. Syntypes: origin unknown (NHMW) and Mexico: no specific locality (MHNG). – Dalla Torre, 1897:501 (in catalog of world Sphecidae). – As *Stictia vivida*: J. Parker, 1929:35 (new generic assignment, in revision of Stizini and Bembicini); Lohrmann, 1948:460 (in review of *Stictia*); Evans, 1957a:76 (first record from USA: southern Texas); Krombein, 1958f:196 (in supplement to catalog of North American Hymenoptera: Texas, Mexico); Evans, 1959b:153 (description of larva), 1964b:268 (additional description of larva), 1966d:247 (male territoriality, nest, prey, egg, nest parasite); C. Lin, 1971:284 (in list of Neotropical *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Krombein, 1979b:1708 (in catalog of North American Hymenoptera, nesting sites, list of prey); Spofford, Kurczewski, and Downes, 1989:261 (reference to previous publication on nest parasite: undetermined species of Miltogrammini); Amarante, 2002:11 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Ruíz Cancino, Coronado Blanco, and Horta Vega, 2005:170 (Mexico: recorded from Tamaulipas State); Nemkov, 2012b:123 (review of known prey); Vanoye-Eligio, Meléndez-Ramírez,

Ayala, Navarro, and Delfín-González, 2014:638 (Mexico: Yucatán Peninsula); Vanoye-Eligio, Meléndez-Ramírez, Ayala, Navarro-Alberto, and Delfín-González, 2015:994 (Mexico: in list of Sphecidae s.l. of Yucatán).

28. *volucris* (Handlirsch)

Monedula volucris Handlirsch, 1890:96, ♀, ♂. Syntypes: Colombia: Bogota (ZMHU) and Cartago (ZSBS). – Handlirsch, 1895:966 (Colombia: Cauca Volcano). – Dalla Torre, 1897:501 (in catalog of world Hymenoptera). – **As *Stictia volucris***: Lohrmann, 1948:460 (new generic assignment, in review of *Stictia*); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Amarante, 2002:11 (in catalog of Neotropical Crabronidae).

sp.

Maes, 1989:99 (in catalog of Nicaraguan Sphecidae).

NOMINA NUDA IN STICTIA

Monedula ornata: Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:117 (specimens in M. Spinola collection, Torino, are *Stictia* sp.).

Stictia rubricans Pérez: Campos, 1922:65 (Ecuador: Posorja).

Monedula stizoides: Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Torino).

SPECIES DESCRIBED IN STICTIA AND TRANSFERRED TO OTHER GENERA

guatemalensis Rohwer, 1914 = *Steniolia*

spinifera Mickel, 1916 = *Stictiella*

SPECIES DESCRIBED IN MONEDULA AND TRANSFERRED TO GENERA OTHER THAN STICTIA

adonis Handlirsch, 1890 = *Editha*

adumbrata Handlirsch, 1890 = *Rubrica*

caesarea Handlirsch, 1890 = *Editha*

denticornis Handlirsch, 1890 = *Rubrica*

diana Handlirsch, 1890 = *Selman*

discisa Taschenberg, 1870 = *Bicyrtes*

dissecta Dahlbom, 1844 = *Bicyrtes variegata* (Olivier, 1789)

emarginata Cresson, 1865 = *Stictiella*

exigua W. Fox, 1895 = *Stictiella*

femorata W. Fox, 1895 = *Microstictia*

formosa Cresson, 1872 = *Stictiella*

fuscipennis Lepeletier de Saint Fargeau, 1845 = *Editha*

gravidata Handlirsch, 1890 = *Rubrica*

guttata Taschenberg, 1870 = *Trichostictia*

inermis Handlirsch, 1890 = *Glenostictia pictifrons* (F. Smith, 1856)

integra Burmeister, 1874 = *Editha*

mamillata Handlirsch, 1890 = *Stictiella*

minutula Handlirsch, 1890 = *Microstictia*

neglecta Cresson, 1872 = *Bembecinus*

nigrifrons Provancher, 1888 = *Microbembex*

notata Taschenberg, 1870 = *Selman notatus*

obliqua Cresson, 1865 = *Steniolia*

odontomera Handlirsch, 1890 = ? *Zyzyx chilensis* (Eschscholz, 1822).
orbignyi Guérin-Méneville, 1844 = *Zyzyx chilensis* (Eschscholz, 1822).
parata Provancher, 1888 = *Bicyrtes ventralis* (Say, 1824)
pictifrons F. Smith, 1856 = *Glenostictia*
plana W. Fox, 1895 = *Stictiella pulchella plana*
pulchella Cresson, 1865 = *Stictiella*
pulla Handlirsch, 1890 = *Glenostictia*
quadrifasciata Say, 1824 = *Bicyrtes*
sallei Guérin-Méneville, 1844 = *Bicyrtes quadrifasciatus* (Say, 1824)
scitula W. Fox, 1895 = *Glenostictia*
serrata Handlirsch, 1890 = *Stictiella pulchella serrata*
singularis Taschenberg, 1870 = *Hemidula*
speciosa Cresson, 1865 = *Stictiella*
stridulans Strand, 1910 = *Editha adonis* (Handlirsch, 1890)
tenuicornis W. Fox, 1895 = *Glenostictia*
tuberculata W. Fox, 1895 = *Stictiella*
usitata W. Fox, 1895 = *Glenostictia*
ventralis Say, 1824 = *Bicyrtes*
villosa W. Fox, 1895 = *Glenostictia*
vulpina Handlirsch, 1895 = *Trichostictia*

UNDETERMINED MONEDULA

sp.

Pagliano, 2011:117, 119 (specimens in coll. Spinola, Torino, are *Rubrica* sp. and *Bicyrtes* sp.).