

Last updated: 22 October, 2018

EDITHA

Editha J. Parker, 1929:17. Type species: *Monedula magnifica* Perty, 1833, by original designation.

The genus was named after Edith E. Parker, the author's youngest daughter. Source:

<http://wc.rootsweb.ancestry.com/cgi-bin/igm.cgi?op=GET&db=knoxcooh&id=I21753>

Revision: R. Araújo, 1939.

Biology: Evans, 2002a:5 (four species are known to use Lepidoptera as prey).

1. *adonis* (Handlirsch)

Monedula adonis Handlirsch, 1890:130, ♀ (as *Adonis*, incorrect original capitalization). Syntypes: ♀, Brazil: Ipanema, part of Rio de Janeiro (NHMW) and origin unknown (Hamburg). – Handlirsch, 1895:969 (Colombia: Cauca, description of ♂); Dalla Torre, 1897:496 (in catalog of world Sphecidae); Poulton, 1918:xxxviii (Brazil, hesperiid prey). – **As *Stictia adonis***: Bondar, 1930:181 (new combination, prey: small Lepidoptera) – **As *Editha adonis***: J. Parker, 1929:18 (new combination, in revision of Stizini and Bembicini); R. Araújo, 1939:507 (in revision of *Editha*); Lohrmann, 1948:462 (in review of *Editha*); Fritz, 1958:55 (Bolivia); Evans, 1966d:265 (synopsis of known behavioral information); R. Bohart and Menke, 1976:542 (in checklist of world Sphecidae); Fritz, 1982:13 (Bolivia: Botanical Garden in Santa Cruz de la Sierra), 14 (Argentina: Corrientes: Ituzaingo); Tschuch and Brothers, 2000:324 (five large setae on male sternum VI are unlikely to be stridulatory organs); Amarante, 2002:9 (in catalog of Neotropical Crabronidae); Buys, 2012b:74 (Brazil: previously recorded from Rio de Janeiro State by Handlirsch, 1890).

Monedula stridulans Strand, 1910a:147, ♀. Syntypes: Paraguay: Asunción: Asunción and Villa Morra (ZMHU). Synonymized with *Editha adonis* by J. Parker, 1929:18. – Strand, 1927:254 (in list of species described by the author). – **As *Rubrica stridulans***: R. Bohart and Menke, 1976:541 (new combination, in checklist of world Sphecidae). – **As *Editha stridulans***: Lohrmann, 1948:462 (is a synonym of *Editha adonis*); Fritz, 1982:13 (new combination, Paraguay; Argentina: Corrientes: Ituzaingo).

2. *caesarea* (Handlirsch)

Monedula caesarea Handlirsch, 1890:124, ♀. Holotype: ♀, Brazil: São Paulo: Santos (ZMHU). – Dalla Torre, 1897:496 (in catalog of world Sphecidae). – **As *Editha caesarea***: R. Araújo, 1939:507 (new combination, in revision of *Editha*, description of ♂); Lohrmann, 1948:462 (in review of *Editha*); Fritz, 1982:13 (Paraguay: no specific locality), 14 (Argentina: Corrientes: Ituzaingo); Amarante, 2002:9 (in catalog of Neotropical Crabronidae). – **As *Rubrica caesarea***: Bohart and Menke, 1976:541 (new combination, in checklist of world Sphecidae, misspelled *caesaria*).

3. *fuscipennis* (Lepelletier de Saint Fargeau)

Monedula fuscipennis Lepelletier de Saint Fargeau, 1845:286, ♀. Holotype or syntypes: Brazil: no specific locality (M. Spinola coll., Torino). – F. Smith, 1856:332 (in catalog of Hymenoptera in British Museum); Handlirsch, 1890:128 (in revision of world Bembicinae); Dalla Torre, 1897:497 (in catalog of world Sphecidae); Casolari and Casolari Moreno, 1980:115 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:117 (specimens in M. Spinola collection, Torino, are *Editha fuscipennis*). – **As *Editha fuscipennis***: J. Parker, 1929:19 (new combination, in revision of Stizini and Bembicini); R. Araújo, 1939:508 (in revision of *Editha*); Lohrmann, 1948:426 (illustration of head in frontal view), 427 (illustration of male tergum VII), 429 (illustration of male sternum VIII), 462 (in review of *Editha*); Fritz, 1958:55 (Paraguay); R. Bohart and Menke, 1976:543 (in checklist of world Sphecidae);

Amarante, 2002:9 (in catalog of Neotropical Crabronidae); Evans and O'Neil, 2007:143 (preys on adult butterflies according to Martins, 1993); Buys, 2012b:74 (Brazil: Rio de Janeiro State: Itatiaia).

Monedula zetterstedtii Dahlbom, 1845:493, ♀ (as *Zetterstedtii*, incorrect original capitalization). Holotype or syntypes: ♀, Brazil: no specific locality (LUND). Synonymized with *Monedula fuscipennis* by F. Smith, 1856:332. – Handlirsch, 1895:969 (type from ZMHU examined).

4. *integra* (Burmeister)

Monedula integra Burmeister, 1874:119, ♀. Holotype: ♀, Argentina: Corrientes: Río Guaiquiraro (MACN). – Handlirsch, 1890:153 (original description copied); Dalla Torre, 1897:498 (in catalog of world Sphecidae); Schrottky, 1903b:176 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay). – *As Stictia integra*: Schrottky, 1913a:232 (new combination, Argentina). – *As Editha integra*: Willink, 1947:622 (new combination, revision); Lohrmann, 1948:462 (in review of *Editha*); Willink, 1948b:322 (study of type material); Fritz, 1958:55 (Brazil); R. Bohart and Menke, 1976:543 (in checklist of world Sphecidae); Genise, 1982d:114 (description of mature larva); Fritz, 1982:13 (Argentina: Entre Ríos: Palmar Colón), 14 (Argentina: Corrientes: Ituzaingó); Tschuch and Brothers, 2000:324 (large setae on male sternum VI are unlikely to be stridulatory organs); Amarante, 2002:9 (in catalog of Neotropical Crabronidae); Evans and O'Neil, 2007:145 (summary of information on nesting habits).

5. *magnifica* (Perty)

Monedula magnifica Perty, 1833:144, sex not indicated. Lectotype: ♂, equatorial Brazil: no specific locality (München), designated by Menke in Bohart and Menke, 1976:543. – F. Smith, 1856:332 (in catalog of Hymenoptera in British Museum); Taschenberg, 1870:21 (Brazil); Handlirsch, 1890:122 (in revision of world Bembicinae); W. Fox, 1897b:383 (Brazil: Mato Grosso: Chapada de Guimaraes); Dalla Torre, 1897:498 (in catalog of world Sphecidae); W. Fox, 1899:200 (Brazil: Rio Grande do Sul); Ducke, 1907b:91 (Brazil: Maranhão State: Codo); Casolari and Casolari Moreno, 1980:114 (specimens in M. Spinola collection, Toino); Pagliano, 2011a:119 (specimen in M. Spinola collection, Torino, is *Editha magnifica*). – *As Stictia magnifica*: Bondar, 1930:181 (new combination, prey: Cicadellidae and Fulgoridae). – *As Editha magnifica*: J. Parker, 1929:18 (new combination, revision); R. Araújo, 1939:506 (in revision of *Editha*); Lohrmann, 1948:462 (in review of *Editha*); Richards, 1971b:112 (prey: Pieridae and Hesperidae); R. Bohart and Menke, 1976:543 (in checklist of world Sphecidae); Nascimento and Overal, 1980:5 (Brazil); Fritz, 1982:13 (Paraguay: no specific locality); Menke, 1984a:960 (Venezuela); F. Fernández, 1990:24 (Colombia: Meta: Parque Nacional Natural La Macarena); Martins, 1993:109 (nesting habits, male behavior); Amarante, 2002:9 (in catalog of Neotropical Crabronidae); Evans and O'Neil, 2007:146 (summary of information on nesting habits); Fernández and Amat-García, 2007:182 (endangered in Colombia); Trad and Silvestre, 2016:4 (Brazil: Mato Grosso do Sul).

6. *pulcherrima* J. Parker

Editha pulcherrima J. Parker, 1929:19, ♀. Holotype: ♀, Uruguay: Río Negro: Santa Isabel (CMP). – R. Araújo, 1939:509 (in revision of *Editha*); Lohrmann, 1948:462 (in review of *Editha*); R. Bohart and Menke, 1976:543 (in checklist of world Sphecidae); Amarante, 2002:9 (in catalog of Neotropical Crabronidae).

SPECIES RECENTLY REMOVED FROM *EDITHA*

diana (Handlirsch, 1890) = *Selman*