

Last updated: 2 March, 2025

PSAMMALETES

Psammaletes Pate, 1936a:49. Type species: *Gorytes bigeloviae* Cockerell and Fox, 1897, by original designation.

Revision: R. Bohart, 2000.

In key to genera of Gorytina: R. Bohart, 2000:118; Nemkov, 2010b:502.

1. arizonicus R. Bohart

Psammaletes arizonicus R. Bohart, 2000:190, ♀, ♂. Holotype: ♀, USA: Arizona: Cochise County: 3 mi. east of Portal (UCD).

2. bigeloviae (Cockerell)

Gorytes bigeloviae Cockerell in Cockerell and W. Fox, 1897:139, ♂. Lectotype: ♂, USA: New Mexico: Mesilla Valley (ANSP), designated by Cresson, 1928:47. – Cockerell, 1899a:143 (New Mexico); Maidl and Klima, 1939:89 (in catalog of world Astatinae and Bembicinae). – *As Hoplisoides bigeloviae*: Ashmead, 1899d:328 (new generic assignment, in checklist of North American Crabronidae). – *As Psammaletes bigeloviae*: Pate, 1936a:53 (new generic assignment, in revision of *Psammaletes*); Krombein in Muesebeck, Krombein, and Townes, 1951:989 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:508 (in checklist of world Sphecidae); Krombein, 1979b:1697 (in catalog of North American Hymenoptera); R. Bohart, 2000:191 (in revision of Neotropical Gorytini); Amarante, 2002:17 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae).

3. brasiliae R. Bohart

Psammaletes brasiliae R. Bohart, 2000:191, ♀. Holotype: ♀, Brazil: Rondonia: 52 km SE Ariquemes (UCD). – Amarante, 2002:17 (in catalog of Neotropical Crabronidae), 2005a:9 (correction to his 2002 catalog).

4. costaricae R. Bohart

Psammaletes costaricae R. Bohart, 2000:192, ♀, ♂. Holotype: ♀, Costa Rica: Puntarenas: Monteverde area (USNM). – Amarante, 2002:17 (in catalog of Neotropical Crabronidae).

5. crucis (Cockerell)

Gorytes crucis Cockerell in Cockerell and W. Fox, 1897:140, ♀. Lectotype: ♀, USA: New Mexico: Las Cruces (ANSP), designated by Cresson, 1928:47. – Cockerell, 1899a:143 (New Mexico); Maidl and Klima, 1939:90 (in catalog of world Astatinae and Bembicinae, in subgenus *Hoplisoides*). – *As Psammaletes crucis*: Pate, 1936a:56 (new generic assignment, in revision of *Psammaletes*); Krombein in Muesebeck, Krombein, and Townes, 1951:989 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:508 (in checklist of world Sphecidae); Krombein, 1979b:1697 (in catalog of North American Hymenoptera); R. Bohart, 2000:192 (in revision of Neotropical Gorytini); Amarante, 2002:17 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae).

Hypomellinus venustus Mickel, 1916a:403, ♂. Holotype: ♂, USA: Nebraska: Harrison (UNL). Synonymized with *Psammaletes crucis* by Pate, 1936a:56. – Mickel, 1918b:395 (in catalog of Nebraskan Sphecidae); Muma, 1952:19 (type in UNL), 26 (paratype in UNL).

Hypomellinus tricinctus Mickel, 1916a:404, ♀. Holotype: ♀, USA: Nebraska: Omaha (UNL). Synonymized with *Psammaletes crucis* by Pate, 1936a:56. – Mickel, 1918b:395 (in catalog of Nebraskan Sphecidae); Muma, 1952:19 (type in UNL), 26 (paratypes in UNL).

6. *floridicus* R. Bohart

Psammaletes floridicus R. Bohart, 2000:193, ♀, ♂. Holotype: ♀, USA: Florida: Highlands County: Archbold Biological Station (FSCA).

7. *hooki* R. Bohart

Psammaletes hooki R. Bohart, 2000:193, ♀. Holotype: ♀, Trinidad: near Mount Saint Benedict (UCD). – Amarante, 2002:17 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:18 (in catalog of Aculeata of Trinidad, West Indies).

8. *mexicanus* (Cameron)

Gorytes mexicanus Cameron, 1890a:76, ♀. Holotype or syntypes: ♀, Mexico: Yucatán: Temax (BMNH). – Handlirsch, 1895:909 (original description translated into German); Dalla Torre, 1897:546 (in catalog of world Hymenoptera); Maidl and Klima, 1939:91 (in catalog of world Astatinae and Bembicinae, in subgenus *Hoplisoides*). – *As Hoplisoides mexicanus*: Ashmead, 1899d:328 (new generic assignment, in checklist of North American Crabronidae). – *As Psammaletes mexicanus*: R. Bohart and Menke, 1976:508 (new generic assignment, in checklist of world Sphecidae); Ahlstrom, 1995:112 (in checklist of insects of North Carolina); Krombein, 1979b:1697 (in catalog of North American Hymenoptera); R. Bohart, 2000:194 (in revision of Neotropical Gorytini); Amarante, 2002:17 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Nemkov, 2012b:121 (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); Buck and Bennett, 2025:209 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: first record from Canada: Ontario: no specific locality).

Psammaletes pechumani Pate, 1936a:53, ♀. Holotype: ♀, USA: New York: New York: Bronx (ANSP). Synonymized with *Psammaletes mexicanus* by R. Bohart in R. Bohart and Menke, 1976:508. – Pate, 1946h:99 (prey: *Ormenoides venusta* Melichar, a fulgorid); Krombein, 1951a:143 (Virginia: Dunn Loring; visiting tulip-tree honeydew); Krombein in Muesebeck, Krombein, and Townes, 1951:989 (in catalog of North American Hymenoptera); Krombein 1953a:334 (North Carolina); L. Davis, 1978:217 (North Carolina: Kill Devil Hills, data from Krombein, 1953a); H. Allen, 1995:16 (type in ANSP). – *As Gorytes pechumani*: Maidl and Klima, 1939:92 (in catalog of world Astatinae and Bembicinae, in subgenus *Hoplisoides*).

9. *schlingeri* R. Bohart

Psammaletes schlingeri R. Bohart, 2000:195, ♀, ♂. Holotype: ♀, USA: California: Riverside County: Upper Palm Canyon 14 mi. southeast of Keen Camp Summit (UCD). – Amarante, 2002:17 (in catalog of Neotropical Crabronidae).

sp.

Hanson and Menke, 1995:648 (Costa Rica); Cambra and Santos, 2000:54 (Panama: Parque Nacional Coiba in Isla de Coiba, Pacific Ocean).