

Last updated: 2 March 2025

SAYGORYTES

Saygorytes Nemkov, 2007a:2. Type species: *Gorytes phaleratus* Say, 1837, by original designation.

In key to genera of Gorytina: Nemkov, 2010b:502.

1. *apicalis* (F. Smith)

Gorytes apicalis F. Smith, 1856:369, ♂. Holotype or syntypes: ♂, USA: Georgia: no specific locality (BMNH). – Cresson, 1862:235 (in catalog of North American Hymenoptera); Packard, 1867:432 (listed); Cresson, 1887:279 (in catalog of North American Hymenoptera); Krombein, 1958f:194 (in supplement to catalog of North American Hymenoptera: is a valid species). – **As *Pseudoplisus apicalis***: R. Bohart, 1969a:496 (in key to *Pseudoplisus phaleratus* species group); R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); Krombein, 1979b:1695 (in catalog of North American Hymenoptera). – **As *Saygorytes apicalis***: Nemkov, 2007a:2 (new generic assignment).

Gorytes propinquus Cresson, 1868:379, ♀. Lectotype: ♀, USA, New Mexico: no specific locality (ANSP), designated by Cresson, 1916:98. Synonymized with *Pseudoplisus apicalis* by Krombein, 1958f:194 and by R. Bohart in R. Bohart and Menke, 1976:503. – Cresson, 1887:279 (in catalog of North American Hymenoptera); Handlirsch, 1888b:510 (as new synonym of *Gorytes abdominalis*); W. Fox, 1896a:537 (in revision of North American *Gorytes*, valid species); Cockerell, 1899a:143 (New Mexico); J. Smith, 1910:680 (in new list of insects of New Jersey); Maidl and Klima, 1939:102 (in catalog of world Astatinae and Bembicinae, in subgenus *Hoplisus*); Krombein in Muesebeck, Krombein, and Townes, 1951:993 (in catalog of North American Hymenoptera). – **As *Pseudoplisus propinquus***: H. Smith, 1908b:350 (in revision of Nebraskan Sphecidae); Mickel, 1918b:357 (in catalog of Nebraskan Sphecidae).

2. *guadalajarae* (R. Bohart)

Pseudoplisus guadalajarae R. Bohart, 1969a:496, ♂. Holotype: ♂, Mexico: Jalisco: Guadalajara (UCD). – R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); Amarante, 2002:17 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae). – **As *Saygorytes guadalajarae***: Nemkov, 2007a:2 (new generic assignment).

3. *notipilis* (R. Bohart)

Pseudoplisus notipilis R. Bohart, 1969a:497, ♀, ♂. Holotype: ♂, Mexico: Oaxaca: 23 mi. south of Matias Romero (UCD). – R. Bohart, 1969a:496 (in key to *Pseudoplisus phaleratus* species group); R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae). – **As *Saygorytes notipilis***: Nemkov, 2007a:2 (new generic assignment).

4. *oraclensis* (R. Bohart)

Pseudoplisus oraclensis R. Bohart, 1969a:498, ♀, ♂. Holotype: ♂, USA: Arizona: 8 mi. northeast of Nogales (UCD). – R. Bohart, 1969a:496 (in key to *Pseudoplisus phaleratus* species group); R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); Krombein, 1979b:1695 (in catalog of North American Hymenoptera). – **As *Saygorytes oraclensis***: Nemkov, 2007a:2 (new generic assignment).

5. *phaleratus* (Say)

Gorytes phaleratus Say, 1837:367, sex not stated. Holotype or syntypes: USA: Indiana: no specific locality (lost). – Le Conte, 1859b:752 (original description copied); Cresson, 1862:235 (in catalog of North American Hymenoptera); Provancher, 1883b:638 (in revision of Canadian Hymenoptera); Cresson, 1887:279 (in catalog of

North American Hymenoptera); Handlirsch, 1888b:507 (in revision of world Bembicinae); Cameron, 1890a:81 (bibliographic references); Handlirsch, 1895:926 (reference to Provancher, 1888); W. Fox, 1896a:537 (in revision of North American *Gorytes*); C. Robertson, 1896:73 (visiting flowers of *Polygonum hydropiperoides* Michx., Polygonaceae); Dalla Torre, 1897:549 (in catalog of world Sphecidae); Cockerell, 1899a:143 (New Mexico); J. Smith, 1900:521 (in list of insects of New Jersey), 1910:679 (in new list of insects of New Jersey); J.Ch. Bradley, 1928:1015 (in catalog of New York Sphecidae); Krombein, 1936:98 (New York: Buffalo; floral records); Brimley, 1938:446 (North Carolina: Bryson City, Elizabeth City, Marion, Raleigh, Washington); Maidl and Klima, 1939:112 (in catalog of world Astatinae and Bembicinae, in subgenus *Pseudoplisus*); Krombein in Muesebeck, Krombein, and Townes, 1951:993 (in catalog of North American Hymenoptera); Krombein and Evans, 1954:234 (Florida), 1955:233 (Florida); Krombein, 1963f:277 (Maryland: Plummers Island near Washington, D.C.); L. Davis, 1978:217 (North Carolina: Kill Devil Hills, data from Krombein, 1955d). – **As *Hoplisis phaleratus***: Ashmead, 1890:32 (in checklist of Hymenoptera of Colorado); Viereck, 1893e:132 (New Jersey: Delaware Water Gap); W. Fox, 1894a:501 (in revision of North American Larrinae); Rohwer, 1916b:656, 657 (in catalog of Hymenoptera of Connecticut); Britton, 1920:338 (in checklist of insects of Connecticut); J.Ch. Bradley, 1926:175 (New York: Lloyd-Cornell Reservation near McLean); Rohwer in Viereck, 1925:656 (in key to Sphecidae of Connecticut); Rau, 1926:211 (Missouri: Wickes: sheltered clay bank). – **As *Pseudoplisus phaleratus***: Ashmead, 1899d:328 (new generic assignment, in checklist of North American Crabronidae); Harrington, 1902:223 (Canada: Ontario: Ottawa); H. Smith, 1908b:348 (in revision of Nebraskan Sphecidae); Stevens, 1917:421 (North Dakota); Mickel, 1918b:357 (in catalog of Nebraskan Sphecidae); Krombein, 1955d:146 (North Carolina: Kill Devil Hills); Kurczewski and Kurczewski, 1963:147 (Pennsylvania: Presque Isle State Park); Evans, 1966d:67 (female searching for nest site); R. Bohart, 1969a:494 (in key to *Pseudoplisus phaleratus* species group); R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); Krombein, 1979b:1695 (in catalog of North American Hymenoptera); Finnermore, 1982:223 (in Sphecid Fauna of southern Quebec); Radović, 1985:66 (sting apparatus analyzed); Kurczewski and Acciavatti, 1990:61 (New York: Cayuga County); Ahlstrom, 1995:112 (in checklist of insects of North Carolina); Kurczewski, 1998d:250 (pine barrens in upstate New York); Amarante, 2002:17 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Tschuch and Brothers, 2000:322 (stridulatory organs on terga IV and V laterally); Buck, 2004:27 (in checklist of Crabronidae of Ontario, Canada); Amarante, 2005a:9 (correction to his 2002 catalog); Evans and O’Neil, 2007:57 (prey of *Philanthus sanbornii*, as reported by Stubblefield et al., 1993). – **As *Saygorytes phaleratus***: Nemkov, 2007a:2 (new generic assignment); Buck and Bennett, 2025:209 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Ontario, Quebec, first records from Alberta, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island, and Saskatchewan: no specific locality).

Odynerus flavicornis Harris, 1835:68, nomen nudum.

Gorytes fulvipennis F. Smith, 1856:367, ♀. Holotype or syntypes: North America: no specific locality (BMNH). Synonymized with *Gorytes phaleratus* by Handlirsch, 1888b:507. – Cresson, 1862:235 (in catalog of North American Hymenoptera); Packard, 1867:426 (listed); Cresson, 1887:279 (in catalog of North American Hymenoptera). – **As *Pseudoplisus fulvipennis***: Ashmead, 1899d:328 (new generic assignment, in checklist of North American Crabronidae). – **As *Hoplisis fulvipennis***: J. Smith, 1900:521 (new generic assignment, in list of insects of New Jersey: “probable in New Jersey”).

Gorytes modestus Cresson, 1865b:473, ♂. Holotype: ♂, USA: Colorado Territory: no specific locality (ANSP). Synonymized with *Gorytes phaleratus* by Handlirsch, 1888b:507. – Packard, 1867:426 (bibliographic reference, Colorado Territory); Cresson, 1887:279 (in catalog of North American Hymenoptera), 1916:98 (holotype in ANSP). – **As *Hoplisis modestus***: Ashmead, 1890:32 (in checklist of Hymenoptera of Colorado).

Gorytes rufoluteus Packard, 1867:425, ♀, ♂ (as *rufo-luteus*, incorrect original hyphenation). Lectotype: ♀, USA: Illinois: no specific locality (ANSP), designated by Cresson, 1928:48. Synonymized with *Gorytes phaleratus* by Handlirsch, 1888b:507. – Snow, 1881:96 (in checklist of Hymenoptera of Kansas: Douglas County: no specific locality); Cresson, 1887:280 (in catalog of North American Hymenoptera).

Gorytes flavicornis Packard, 1867:429, ♀, ♂. Lectotype: ♀, USA: Massachusetts: no specific locality (ANSP), designated by Cresson, 1928:47. Synonymized with *Gorytes phaleratus* by Handlirsch, 1888b:507. – J. Smith, 1900:521 (in list of insects of New Jersey). – **As *Hoplisis flavicornis***: Cresson, 1887:279 (new generic assignment, in catalog of North American Hymenoptera).

Gorytes alpestris Cameron, 1890a:83, ♀, ♂. Syntypes: Mexico: Guerrero: Chilpancingo (BMNH). Synonymized with *Pseudoplisus phaleratus* by R. Bohart in R. Bohart and Menke, 1976:503. – Handlirsch, 1895:938 (original description translated into German); Dalla Torre, 1897:536 (in catalog of world Sphecidae); Maidl and Klima, 1939:111 (in catalog of world Astatinae and Bembicinae, in subgenus *Pseudoplisus*). – **As *Pseudoplisus alpestris***: Ashmead, 1899d:328 (new generic assignment, in checklist of North American Crabronidae).

Gorytes alticola Cameron, 1890a:81, ♀, ♂. Syntypes: Mexico: Guerrero: Chilpancingo (BMNH). Synonymized with *Pseudoplisus phaleratus* by R. Bohart in R. Bohart and Menke, 1976:503. – Handlirsch, 1895:936 (original description translated into German); Dalla Torre, 1897:536 (in catalog of world Sphecidae); Maidl and Klima, 1939:111 (in catalog of world Astatinae and Bembicinae, in subgenus *Pseudoplisus*). – **As *Pseudoplisus alticola***: Ashmead, 1899d:328 (new generic assignment, in checklist of North American Crabronidae).

Gorytes papagorum Viereck, 1908:400, ♀, ♂. Syntypes: USA: Arizona: Coconino County: Oak Creek Canyon 20 mi. southwest of Flagstaff (Kansas Univ.). Synonymized with *Pseudoplisus phaleratus* by R. Bohart in R. Bohart and Menke, 1976:503. – Maidl and Klima, 1939:102 (in catalog of world Astatinae and Bembicinae, in subgenus *Hoplisis*); Krombein in Muesebeck, Krombein, and Townes, 1951:992 (in catalog of North American Hymenoptera); LaBerge, 1956:526 (syntypes in Snow Entomological Museum).

Gorytes subaustralis Viereck, 1908:398, ♀. Holotype: ♀, USA: Arizona: Coconino County: Oak Creek Canyon 20 mi. southwest of Flagstaff (Kansas Univ.). Synonymized with *Pseudoplisus phaleratus* by R. Bohart in R. Bohart and Menke, 1976:503. – Maidl and Klima, 1939:114 (in catalog of world Astatinae and Bembicinae, in subgenus *Pseudoplisus*); Krombein in Muesebeck, Krombein, and Townes, 1951:993 (in catalog of North American Hymenoptera).

6. *tritospilus* (R. Bohart)

Pseudoplisus tritospilus R. Bohart, 1969a:499, ♀, ♂. Holotype: ♂, El Salvador: Quezaltepeque (UCD). – R. Bohart, 1969a:494 (in key to *Pseudoplisus phaleratus* species group); R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); Hanson and Menke, 1995:648 (known from Costa Rica); R. Bohart, 2000:196 (in revision of Neotropical Gorytini); Amarante, 2002:17 (in catalog of Neotropical Crabronidae). – **As *Saygorytes tritospilus***: Nemkov, 2007a:2 (new generic assignment).

7. *weneri* (R. Bohart)

Pseudoplisus weneri R. Bohart, 1969a:500, ♀, ♂. Holotype: ♀, USA: Arizona: Cochise County: Rustlers Park in Chiricahua Mountains (UCD). – R. Bohart, 1969a:496 (in key to *Pseudoplisus phaleratus* species group); R. Bohart and Menke, 1976:503 (in checklist of world Sphecidae); Krombein, 1979b:1696 (in catalog of North American Hymenoptera). – **As *Saygorytes weneri***: Nemkov, 2007a:2 (new generic assignment).