

Last updated: 28 April 2025

ZANYSSON

Zanysson Rohwer, 1921b:404. Type species: *Nysson texanus* Cresson, 1872, by original designation.

Revision: Rohwer, 1921b (North American species).

1. *argentinus* (Brèthes)

Nysson argentinum Brèthes: Jörgensen, 1912:292, nomen nudum (Argentina: Mendoza Province, floral records).

Nysson argentinus Brèthes, 1913:136, ♀, ♂ (as *argentinum*, incorrect original termination). Lectotype: ♀, Argentina: Mendoza: no specific locality (MACN), designated by Fritz, 1968a:153. – Maidl and Klima, 1939:135 (in catalog of world Astatinae and Bembicinae); Genise, 1990:26 (type material in MACN). – **As *Zanysson argentinus***: Fritz, 1968a:153 (new generic assignment, diagnostic characters); R. Bohart and Menke, 1976:475 (in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

2. *armatus* (Cresson)

Nysson armatus Cresson, 1865a:145, ♂, ♀. Lectotype: ♀, Cuba: no specific locality (ANSP), designated by Cresson, 1916:97. – Gerstaecker, 1867b:115 (original description translated into German); Packard, 1867:441 (listed); Cresson, 1882b:273 (in revision of North American Nyssonini); Gundlach, 1886:137 (Cuba); Handlirsch, 1887:308 (Cresson's description translated into German); Dalla Torre, 1897:567 (in catalog of world Sphecidae); Ashmead, 1900:307 (in checklist of Caribbean Hymenoptera); Maidl and Klima, 1939:147 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Paranysson armatus***: Ashmead, 1899d:329 (new generic assignment, in checklist of North American Crabronidae); Patton, 1909:444 (morphological characteristics). – **As *Zanysson armatus***: Alayo Dalmau, 1969:6 (new generic assignment, in revision of Cuban Bembicinae), 1973:186 (in catalog of Cuban Hymenoptera), 1976:28 (in checklist of Cuban Sphecidae); R. Bohart and Menke, 1976:475 (in checklist of world Sphecidae); de Zayas, 1981:78 (occurs in Cuba); Genaro, 1995b:12 (Dominican Republic: Estación Experimental Agrícola 5 km northwest of Barahona); Fernández, Garcés, Portuondo, Valdés and Expósito, 2001:1022 (Cuba: collected on weed flowers in Botanical Garden of Santiago de Cuba); Amarante, 2002:21 (in catalog of Neotropical Crabronidae); Fernández, Sariol, Vega, Ricardo, González, and Portuondo, 2002:46 (Cuba: Provincia Granma); Portuondo and Fernández, 2004:135 (Cuba: Sierra Maestra); Genaro, 2006:52 (in checklist of Cuban Sphecidae and Crabronidae; also: Isla de la Juventud); Evans and O'Neil, 2007:71 (possible host is *Hoplisoides ater* according to Sánchez and Genaro, 1992b); Perez-Gelabert, 2008:240 (in list of arthropods of island of Hispaniola).

3. *caonao* Genaro

Zanysson caonao Genaro, 2007:53, ♀, ♂. Holotype: ♂, Dominican Republic: Provincia Pedernales: Los Olivares at 18°01'N 71°42'W (FSCA). – Perez-Gelabert, 2008:240 (in list of arthropods of island of Hispaniola).

4. *changuina* Pate

Zanysson changuina Pate, 1938c:166, ♂. Holotype: ♂, Panama: Changuinola District: Bocas del Toro (Cornell Univ.). – R. Bohart and Menke, 1976:475 (in checklist of world Sphecidae); Hanson and Menke, 1995:644 (first record from Costa Rica); Amarante, 2002:21 (in catalog of Neotropical Crabronidae). – **As *Nysson changuina***: Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*).

5. *croesus* (Handlirsch)

Nysson croesus Handlirsch, 1895:807, ♀ (as *Croesus*, incorrect original capitalization). Holotype: ♀, Brazil: no specific locality (NHMW). – Dalla Torre, 1897:568 (in catalog of world Sphecidae); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Zanysson croesus***: R. Bohart and Menke,

1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

6. *dives* (Handlirsch)

Nysson dives Handlirsch, 1887:309, ♀, ♂. Syntypes: Mexico: Orizaba volcano (NHMW or MHNG). – Cameron, 1890a:71 (citation of Handlirsch, 1887); Dalla Torre, 1897:569 (in catalog of world Sphecidae); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Paranysson dives***: Ashmead, 1899d:329 (new generic assignment, in checklist of North American Crabronidae). – **As *Zanysson dives***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Callan, 1991a:12 (Trinidad), 1993:42 (probable nest parasite of *Tachytes fraternus*); Amarante, 2002:21 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae); Starr and Hook, 2003:18 (in catalog of Aculeata of Trinidad, West Indies).

Zanysson chichimeca Pate, 1938c:165, ♀. Holotype: ♀, Mexico: Jalisco: Guadalajara (ANSP). Synonymized with *Zanysson dives* by R. Bohart in R. Bohart and Menke, 1976:475. – H. Allen, 1995:16 (type in ANSP); Amarante, 2002:21 (in catalog of Neotropical Crabronidae). – **As *Nysson chichimeca***: Maidl and Klima, 1939:148 (new generic assignment, in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*).

7. *fasciatus* (Olivier)

Nysson fasciatus Olivier, 1812:408, sex not stated. Holotype or syntypes: South America: no specific locality (lost). – Handlirsch, 1887:408 (original description translated into German); Dalla Torre, 1897:569 (in catalog of world Sphecidae); Maidl and Klima, 1939:136 (in catalog of world Astatinae and Bembicinae). – **As *Zanysson fasciatus***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

8. *foveiscutis* (Gerstaecker)

Nysson foveiscutis Gerstaecker, 1867b:116, ♀. Holotype: ♀, Brazil: no specific locality (ZMHU). – Handlirsch, 1887:313 (original description copied), 1895:807 (type studied); Dalla Torre, 1897:569 (in catalog of world Sphecidae); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Zanysson foveiscutis***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

9. *gayi* (Spinola)

Nysson gayi Spinola, 1851a:347, ♀, ♂ (as *Gayi*, incorrect original capitalization). Syntypes: Chile: central provinces: no specific locality (M. Spinola collection, Torino). – F. Smith, 1856:356 (in catalog of Hymenoptera in British Museum); Gerstaecker, 1866b:120 (in revision of world Nyssonini); Handlirsch, 1887:312 (original description translated into German), 1895:806 (redescription of ♀); Reed, 1894:640 (in revision of Chilean aculeates); Dalla Torre, 1897:570 (in catalog of world Sphecidae); Gazulla and Ruiz Pereira, 1929:299 (Chile: Hacienda de "Las Mercedes"); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Zanysson gayi***: Fritz, 1968a:154 (new generic assignment, bibliographic references, locality records); R. Bohart and Menke, 1976:475 (in checklist of world Sphecidae); Nascimento and Overal, 1980:13 (Chile); Sielfeld, 1980b:74 (in checklist of Chilean Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

10. *gemmatus* Ohl and Krause

Zanysson gemmatus Ohl and Krause, 2007:45, ♀, ♂. Holotype: ♀, Colombia: 15 km north of Bahía Solano (Staatliches Museum für Naturkunde, Stuttgart).

11. *luteipennis* (Gerstaecker)

Nysson luteipennis Gerstaecker, 1866b:120, ♀. Syntypes: ♀, Brazil: San João del Rey (ZMHU). – Handlirsch, 1887:305 (original description copied), 1895:806 (types examined); Dalla Torre, 1897:571 (in catalog of world

Sphecidae); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – ***As Zanysson luteipennis***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

12. *luxuriosus* (Schrottky)

Paranysson luxuriosus Schrottky, 1910b:70, ♀. Holotype or syntypes: ♀, Argentina: Catamarca: no specific locality (depository?). – Schrottky, 1913a:227 (Argentina: Catamarca); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – ***As Zanysson luxuriosus***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

13. *macuxi* Pate

Zanysson macuxi Pate, 1938c:168, ♀. Holotype: ♀, Brazil: Amazonas: Vista Alegre at about 1°44'N 61°8'W (MCZ). – R. Bohart and Menke, 1976:475 (in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae). – ***As Nysson macuxi***: Maidl and Klima, 1939:148 (new generic assignment, in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*).

14. *marginatus* (Spinola)

Nysson marginatus Spinola, 1842:113, ♀. Holotype: ♀, French Guiana: Cayenne (M. Spinola collection, Torino). – F. Smith, 1856:356 (in catalog of Hymenoptera in British Museum); Gerstaecker, 1866b:119 (in revision of world Nyssonini); Handlirsch, 1887:304 (original description translated into German); Dalla Torre, 1897:572 (in catalog of world Sphecidae); W. Schulz, 1911b:180 (study of type); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*); Casolari and Casolari Moreno, 1980:125 (specimen in M. Spinola collection, Torino); Pagliano, 2014:121 (specimen in Spinola collection, Torino, is holotype of *Nysson marginatus*). – ***As Zanysson marginatus***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

15. *mexicanus* (Cresson)

Paranysson mexicanus Cresson, 1882b:275, ♀, ♂. Lectotype: ♀, Mexico: no specific locality (ANSP), designated by Cresson, 1916:98. – Ashmead, 1899d:329 (in checklist of North American Crabronidae). – ***As Nysson mexicanus***: Handlirsch, 1887:303 (new generic assignment, original description translated into German); Dalla Torre, 1897:572 (in catalog of world Sphecidae); Cameron, 1890a:70 (bibliographic references); Maidl and Klima, 1939:149 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – ***As Zanysson mexicanus***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Krombein, 1979b:1690 (in catalog of North American Hymenoptera); Amarante, 2002:21 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae).

Nysson longispinis Cameron, 1905l:374, ♀. Holotype or syntypes: ♀, Mexico: no specific locality (BMNH). Synonymized with *Zanysson mexicanus* by R. Bohart in Bohart and Menke, 1976:475. – Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*).

16. *pilosus* (F. Smith)

Nysson pilosus F. Smith, 1873c:404, ♂, ♀. Syntypes: Brazil: Pará: probably Belém (BMNH). – Handlirsch, 1887:409 (original description translated into German); Dalla Torre, 1897:573 (in catalog of world Sphecidae); W. Fox, 1897b:379 (Brazil: Uacarizal); Maidl and Klima, 1939:137 (in catalog of world Astatinae and Bembicinae). – ***As Zanysson pilosus***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

17. *plesius* (Rohwer)

Nysson plesius Rohwer, 1921b:406, ♀ (as *plesia*, incorrect original termination). Holotype: ♀, USA: Louisiana: no specific locality (USNM). – Brimley, 1938:447 (North Carolina: Aberdeen, Bryson City, Raleigh); Maidl and Klima, 1939:149 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Zanysson plesius***: Krombein in Muesebeck, Krombein, and Townes, 1951:985 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:475 (in checklist of world Sphecidae, as *plesia*); Krombein, 1979b:1690 (in catalog of North American Hymenoptera); Radović, 1985:65 (sting apparatus analyzed); Ahlstrom, 1995:112 (in checklist of insects of North Carolina).

Zanysson matinecoc Pate, 1938c:163, ♀, ♂. Holotype: ♂, USA: New York: Long Island: Suffolk County: Cold Spring Harbor (ANSP). Synonymized with *Zanysson plesius* by Krombein in Muesebeck, Krombein, and Townes, 1951:985. – H. Allen, 1995:16 (type in ANSP). – **As *Nysson matinecoc***: Maidl and Klima, 1939:149 (new generic assignment, in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*).

Zanysson tonto Pate, 1940d:6, ♂. Holotype: ♂, USA: Arizona: Maricopa County: west side of Roosevelt Reservoir (ANSP). Synonymized with *Zanysson plesius* by R. Bohart in Bohart and Menke, 1976:475. – Krombein in Muesebeck, Krombein, and Townes, 1951:985 (in catalog of North American Hymenoptera); Evans, 1966d:89 (association with *Tachytes*); H. Allen, 1995:16 (type in ANSP).

18. *texanus* (Cresson)

Nysson texanus Cresson, 1873:223, ♀, ♂. Lectotype: ♀, USA: Texas: no specific locality (ANSP), designated by Cresson, 1916:99. – Snow, 1881:96 (in checklist of Hymenoptera of Kansas: Wallace County: no specific locality); Cresson, 1882b:273 (in revision of North American Nyssonini); Handlirsch, 1887:297 (in revision of world Bembicinae), 1895:806 (addition to previous description); W. Fox, 1896c:12 (in revision of American Nysson); Dalla Torre, 1897:575 (in catalog of world Sphecidae); Cockerell, 1899a:143 (New Mexico); J. Smith, 1910:680 (in new list of insects of New Jersey); Bradley, 1920:128 (USA: Georgia); Rohwer, 1921b:406 (Texas, Missouri); Rau, 1922:19 (Kansas: Lake View); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Paranysson texanus***: Cresson, 1887:280 (new generic assignment, in catalog of North American Hymenoptera); Ashmead, 1899d:329 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); Cockerell, 1905:100 (entering nests of *Tachytes exornatus*); Snow, 1906:134 (Arizona: Tucson); Patton, 1909:444 (morphological characteristics); H. Smith, 1908b:338 (in revision of Nebraskan Sphecidae); Mickel, 1918b:350 (in catalog of Nebraskan Sphecidae). – **As *Zanysson texanus***: Krombein in Muesebeck, Krombein, and Townes, 1951:985 (new generic assignment, in catalog of North American Hymenoptera); G. Bohart, Nye, and Hawthorn, 1970:49 (Utah: Logan, onion pollinator); Horning and Barr, 1970:105 (USA: Idaho: Craters of the Moon National Monument); R. Bohart and Menke, 1976:475 (in checklist of world Sphecidae); Krombein, 1979b:1690 (in catalog of North American Hymenoptera); Ahlstrom, 1995:112 (in checklist of insects of North Carolina); Ohl and Linde, 2003:150 (number of ovarioles); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007:47 (Mexico: Tamaulipas); Horta-Vega, Vanoye-Eligio, García-Gutiérrez, Coronado-Blanco, and Barrientos-Lozano, 2013:384 (Mexico: Tamaulipas: Ciudad Victoria: Cañón del Novillo); Buck and Bennett, 2025:210 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: British Columbia, first records from Alberta and Manitoba: no specific locality).

ssp. fuscipes (Cresson)

Paranysson fuscipes Cresson, 1882b:274, ♀, ♂. Lectotype: ♀, USA: Washington Territory: no specific locality (ANSP), designated by Cresson, 1916:98. – Cresson, 1887:280 (in catalog of North American Hymenoptera); Ashmead, 1899d:329 (in checklist of North American Crabronidae); Patton, 1909:444 (a variety of *Paranysson texanus*). – **As *Nysson fuscipes***: Handlirsch, 1887:301 (new generic assignment, in revision of world Bembicinae); W. Fox, 1896c:13 (in revision of American Nysson); Dalla Torre, 1897:570 (in catalog of world Sphecidae); Rohwer, 1921b:405 (California); Maidl and Klima, 1939:148 (in catalog of world Astatinae and Bembicinae).

cinae, in subgenus *Zanysson*). – **As *Zanysson fuscipes***: Krombein in Muesebeck, Krombein, and Townes, 1951:985 (new generic assignment, in catalog of North American Hymenoptera); Krombein, 1953a:295 (visiting foliage of *Pinus serotina* Michx., Pinaceae), 334 (North Carolina), 1953b:123 (visiting foliage of *Quercus virginiana* Miller, Fagaceae), 125 (attracted to a grass), 133 (North Carolina: Kill Devil Hills), 1958f:193 (in supplement to catalog of North American Hymenoptera: North Carolina); Wray, 1967:123 (North Carolina: Kill Devils Hills); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a). – **As *Zanysson texanus fuscipes***: R. Bohart in R. Bohart and Menke, 1976:475 (new status, in checklist of world Sphecidae); Krombein, 1979b:1690 (in catalog of North American Hymenoptera); Ratzlaff, 2016:24 (first record from Canada: British Columbia: Southern Interior), 33 (British Columbia: locality records).

Nysson aureobalteatus Cameron, 1901c:313, sex not stated. Holotype or syntypes: USA: New Mexico: Santa Fe Mountains: no specific locality (depository?). Synonymized with *Zanysson texanus fuscipes* by R. Bohart in R. Bohart and Menke, 1976:475. – Rohwer, 1921b:406 (Arizona, Texas); Maidl and Klima, 1939:147 (in catalog of world Astatinae and Bembicinae, in subgenus *Zanysson*). – **As *Zanysson aureobalteatus***: Krombein in Muesebeck, Krombein, and Townes, 1951:985 (new generic assignment, in catalog of North American Hymenoptera).

19. *varipilosellus* (Cameron)

Nysson varipilosellus Cameron, 1912a:430, [♀]. Holotype or syntypes: ♀, Guyana: Demerara: no specific locality (BMNH). – Maidl and Klima, 1939:138 (in catalog of world Astatinae and Bembicinae). – **As *Zanysson varipilosellus***: R. Bohart and Menke, 1976:475 (new generic assignment, in checklist of world Sphecidae); Amarante, 2002:21 (in catalog of Neotropical Crabronidae).

sp.

Cambra and Santos, 2000:57 (Panama: Parque Nacional Coiba in Isla de Coiba, Pacific Ocean); 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); Trad and Silvestre, 2017:5 (Brazil: Mato Grosso do Sul).