

Last updated: 20 January 2025

ENOPLOLINDENIUS

Enoplolindenius Rohwer, 1911b:562. Type species: *Lindenius clypeatus* Rohwer, 1911, by original designation.
Iskutana Pate, 1942d:390. Type species: *Enoplolindenius georgia* Pate, 1942 [= *Lindenius robertsoni* Rohwer, 1920], by original designation.

Revision: Leclercq and Terzo, 2006.

1. *bauresus* Leclercq and Terzo

Enoplolindenius bauresus Leclercq and Terzo, 2006:172, ♂. Holotype: ♂, Bolivia: Beni: Río Itenez at mouth of Río Baures (AMNH).

2. *boyaca* Pate

Enoplolindenius boyaca Pate, 1942d:406, ♀. Holotype: ♀, Colombia: Boyacá Department: Muso (MCZ). – Leclercq, 1954c:217 (in catalog of world Crabronini); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:173 (in revision of *Enoplolindenius*, comparison with *Enoplolindenius serrei*).

3. *callangae* Leclercq

Enoplolindenius callangae Leclercq, 1968c:104, ♀. Holotype: ♀, Peru: Callanga (NHMW). – Leclercq, 1968c:102 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Dollfuss, 1989:9 (holotype in NHMV, as *callengae*); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:173 (in revision of *Enoplolindenius*; Bolivia, Colombia, Peru); Rasmussen and Asenjo, 2009:8 (in checklist of Crabronidae of Peru).

Enoplolindenius hilota Leclercq, 1968c:106, ♂. Holotype: ♂, Bolivia: La Paz (FSAG). Synonymized with *Enoplolindenius callangae* by Leclercq and Terzo, 2006:173, 181. – Leclercq, 1968c:103 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq, 2007g:194 (holotype in FSAG).

4. *chibcha* Pate

Enoplolindenius chibcha Pate, 1942d:416, ♂. Holotype: ♂, Costa Rica: Cartago (ANSP). Paratypes: Colombia, Ecuador. – Leclercq, 1951a:36 (redescription), 1954c:217 (in catalog of world Crabronini, Mexico), 1968:101 (Costa Rica); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); H. Allen, 1995:15 (type in ANSP); Hanson and Menke, 1995:640 (known from Costa Rica); Melo, 2000:89 (use of nest by more than one female); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:663 (in checklist of Mexican Sphecidae); Leclercq and Terzo, 2006:174 (in revision of *Enoplolindenius*).

Enoplolindenius paria Pate, 1942d:419, ♀. Holotype: ♀, Venezuela: Carabobo: San Esteban (ANSP). Paratype: Colombia. Synonymized with *Enoplolindenius chibcha* by Leclercq, 1951a:36. – H. Allen, 1995:15 (type in ANSP).

5. *chrysis* (Lepelletier de Saint Fargeau and Brullé)

Crossocerus chrysis Lepelletier de Saint Fargeau and Brullé, 1835:770, ♀. Holotype: ♀, Brazil: Goiás: no specific locality (MNHN). – Lepelletier de Saint Fargeau, 1845:173 (in revision of world Hymenoptera). – **As *Crabro chrysis***: Dahlbom, 1845:366 (new generic assignment, original description copied), 527 (in key to *Crabro*, unknown to author); F. Smith, 1856:425 (in catalog of Hymenoptera in British Museum);

Dalla Torre, 1897:587 (in catalog of world Sphecidae). – **As *Enopolindenius chrysis***: Leclercq in R. Bohart and Menke, 1976:415 (new generic assignment, in checklist of world Sphecidae); Leclercq, 1992a:402 (study of holotype, faunal records); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:176 (in revision of *Enopolindenius*).

Enopolindenius benoisti Leclercq, 1951a:41, ♀. Holotype: ♀, Ecuador: Napo (MNHN). Synonymized with *Enopolindenius chrysis* by Leclercq and Terzo, 2006:173, 176. – Leclercq, 1954c:216 (in catalog of world Crabronini), 1968c:103 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Amarante, 2002:28 (in catalog of Neotropical Crabronidae).

Enopolindenius fiebrigi Leclercq, 1968c:106, ♂. Holotype: ♂, Paraguay: San Bernardino (NHMW). Synonymized with *Enopolindenius chrysis* by Leclercq and Terzo, 2006:176, 179. – Leclercq, 1968c:103 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Dollfuss, 1989:9 (holotype in NHMW); Amarante, 2002:28 (in catalog of Neotropical Crabronidae).

6. **cicaro Leclercq and Terzo**

Enopolindenius cicaro Leclercq and Terzo, 2006:178, ♀. Holotype: ♀, Ecuador: Morona Santiago: Cordillera de Cutucú 6 km east of Macas (BMNH). Paratypes: Colombia.

7. **colonus Leclercq and Terzo**

Enopolindenius colonus Leclercq and Terzo, 2006:179, ♀, ♂. Holotype: ♂, Argentina: Entre Ríos: Palmar Colón (FSAG). – Leclercq, 2007g:194 (holotype in FSAG).

8. **cytosus Leclercq and Terzo**

Enopolindenius cytosus Leclercq and Terzo, 2006:179, ♀. Holotype: ♀, Brazil: São Paulo: Campinas (Bishop Mus.).

9. **haubrugei Leclercq and Terzo**

Enopolindenius haubrugei Leclercq and Terzo, 2006:179, ♀, ♂. Holotype: ♂, Panama: Coclé: El Copé National Park (Museo de Invertebrados, Univ. Panama). Paratypes: Bolivia, Brazil, Colombia, Costa Rica.

10. **hispidus Leclercq and Terzo**

Enopolindenius hispidus Leclercq and Terzo, 2006:181, ♂. Holotype: ♂, Colombia: Bogotá(ZMHU).

11. **humahuaca Pate**

Enopolindenius humahuaca Pate, 1942d:399, ♂. Holotype: ♂, Argentina: Jujuy (Cornell Univ.). – Leclercq, 1954c:216 (in catalog of world Crabronini), 1968c:104 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:182 (in revision of *Enopolindenius*).

12. **hylas Leclercq and Terzo**

Enopolindenius hylas Leclercq and Terzo, 2006:183, ♀, ♂. Holotype: ♂, Ecuador: Morona Santiago: Macas (BMNH). Paratypes: Colombia, Peru.

13. **itaumus Leclercq and Terzo**

Enopolindenius itaumus Leclercq and Terzo, 2006:186, ♂. Holotype: ♂, Brazil: Mato Grosso do Sul: Itaum: Dourado (AMNH).

14. **jaragua Pate**

Enopolindenius jaragua Pate, 1942d:401, ♀. Holotype: ♀, Brazil: Santa Catarina: São Bento Municipio (ANSP). – Leclercq, 1954c:216 (in catalog of world Crabronini), 1968c:103 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); H. Allen, 1995:15 (type in ANSP);

Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:186 (in revision of *Enoplolindenius*).

15. *lermanus* Leclercq and Terzo

Enoplolindenius lermanus Leclercq and Terzo, 2006:186, ♀, ♂. Holotype: ♂, Argentina: Salta: Rosario Lerma (FSAG). – Leclercq, 2007g:194 (holotype in FSAG).

16. *manabinus* Leclercq and Terzo

Enoplolindenius manabinus Leclercq and Terzo, 2006:188, ♀, ♂. Holotype: ♂, Ecuador: Manabi: Puerto Lopez (BMNH). Paratypes: Peru.

17. *meridanus* Leclercq and Terzo

Enoplolindenius meridanus Leclercq and Terzo, 2006:190, ♀. Holotype: ♀, Mexico: Yucatan: Merida: San Bulha Cave (USNM). – Vanoye-Eligio, Meléndez-Ramírez, Ayala, Navarro-Alberto, and Delfin-González, 2015:993 (Mexico: in list of Sphecidae s.l. of Yucatán).

18. *muyonus* Leclercq and Terzo

Enoplolindenius muyonus Leclercq and Terzo, 2006:190, ♂. Holotype: ♂, Argentina: Santiago del Estero: Lago Muyo (IML).

19. *nisera* Leclercq

Enoplolindenius nisera Leclercq, 1968c:104, ♀, ♂. Holotype: ♀, Bolivia: no specific locality (NHMW). – Leclercq, 1968a:102 and 104 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Dollfuss, 1989:9 (holotype in NHMW); Amarante, 2002:29 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:191 (in revision of *Enoplolindenius*); Morato, Amarante, and Silveira, 2008:793 (Brazil: Acre: Parque Nacional da Serra do Divisor).

20. *partamona* Pate

Enoplolindenius partamona Pate, 1942d:414, ♀. Holotype: ♀, Guyana: Moraballi Creek on Essequibo River (BMNH). – Leclercq, 1954c:217 (in catalog of world Crabronini); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:191 (in revision of *Enoplolindenius*, description of ♂, Colombia, Ecuador, Peru).

21. *piuranus* Leclercq and Terzo

Enoplolindenius piuranus Leclercq and Terzo, 2006:191, ♀, ♂. Holotype: ♂, Ecuador: Guayas: Playas (BMNH). Paratypes: Peru.

22. *praetor* Leclercq and Terzo

Enoplolindenius praetor Leclercq and Terzo, 2006:193, ♂. Holotype: ♂, Ecuador: Napo: Tena (BMNH).

23. *privatus* Leclercq and Terzo

Enoplolindenius privatus Leclercq and Terzo, 2006:194, ♀. Holotype: ♀, Ecuador: Morona Santiago: Macas (BMNH).

24. *procax* Leclercq and Terzo

Enoplolindenius procax Leclercq and Terzo, 2006:194, ♀. Holotype: ♀, Peru: Tingo María: Monzón (as Monson) Valley (CAS).

25. *pugnans* (F. Smith)

Crabro pugnans F. Smith, 1873b:102, ♀. Holotype or syntypes: ♀, Brazil: Pará (BMNH). – Dalla Torre, 1897:619 (in catalog of world Sphecidae); W. Fox, 1897b:387 (Brazil: Mato Grosso: Chapada dos Guimarães). – **As *Enoplolindenius pugnans***: Leclercq, 1968c:101 (new generic assignment, Argentina to

Trinidad); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Radović, 1985:65 (sting apparatus analyzed); Callan, 1991a:12 (Trinidad); Hanson and Menke, 1995:640 (known from Costa Rica); Cambra and Santos, 2000:51 (first record from Panama: Parque Nacional Coiba in Isla de Coiba, Pacific Ocean); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:663 (in checklist of Mexican Sphecidae); Starr and Hook, 2003:19 (in catalog of Aculeata of Trinidad, West Indies); Dollfuss, 2004b:779 (Argentina: Entre Ríos: Pronunciamiento); Leclercq and Terzo, 2006:194, 195 (in revision of *Enoplolindenius*); Rasmussen and Asenjo, 2009:8 (in checklist of Crabronidae of Peru)

Crabro circumscriptus Kohl, 1892:201, ♂. Syntypes: ♂, Brazil: Bahía (NHMW). Synonymized with *Enoplolindenius pugnans* by Leclercq in R. Bohart and Menke, 1976:415. – Dalla Torre, 1897:589 (in catalog of world Sphecidae). – **As *Enoplolindenius circumscriptus***: Leclercq, 1951a:32 (new generic assignment), 1954c:218 (in catalog of world Crabronini).

Crabro stirocephalus Cameron, 1912a:436, ♀. Holotype or syntypes: ♀, Guyana: Demerara: no specific locality (BMNH). Synonymized with *Enoplolindenius pugnans* by Leclercq, 1951a:32.

Enoplolindenius aymara Pate, 1942d:410, ♂, ♀. Holotype: ♂, Peru: Cerro: Puerto Bermudez on Río Pichis (Cornell Univ.). Paratypes: Colombia, Brazil, Guyana, Peru, Surinam. Synonymized with *Enoplolindenius pugnans* by Leclercq, 1968c:101. – Soukup, 1943:266 (Peru); Leclercq, 1951a:32 (listed, possible synonym of *Enoplolindenius circumscriptus*), 1954c:217 (in catalog of world Crabronini); Leclercq and Terzo, 2006:172 (synonym of *Enoplolindenius pugnans*, paratype from Brazil: Santa Catarina: São Bento Municipio in FSAG).

ssp. *mexicanus* (Cameron)

Crabro mexicanus Cameron, 1904i:265, ♂. Holotype or syntypes: ♂, Mexico: no specific locality (BMNH). – **As *Enoplolindenius mexicanus***: Leclercq, 1951a:32 (new generic assignment; in checklist of *Enoplolindenius*), 1954c:217 (in catalog of world Crabronini); Leclercq in R. Bohart and Menke, 1976:415 (as new synonym of *Enoplolindenius pugnans*). – **As *Enoplolindenius pugnans mexicanus***: Leclercq and Terzo, 2006:195 (new status, in revision of *Enoplolindenius*).

Crabro clypeatus Rohwer, 1911b:562, ♂. Holotype: ♂, USA: Texas: Brownsville (USNM). Synonymized with *Enoplolindenius pugnans mexicanus* by Leclercq and Terzo, 2006:179, 195. – **As *Enoplolindenius clypeatus***: Pate, 1942d:408 (new generic assignment, in revision of *Enoplolindenius*); Krombein in Muesebeck, Krombein, and Townes, 1951:1024 (in catalog of North American Hymenoptera); Leclercq, 1954c:217 (in catalog of world Crabronini); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Krombein, 1979b:1676 (in catalog of North American Hymenoptera).

26. *rasmonti* Leclercq and Terzo

Enoplolindenius rasmonti Leclercq and Terzo, 2006:197, ♀, ♂. Holotype: ♀, Brazil: Bahia: Maracas (Univ. Federal do Paraná).

27. *rigidus* Leclercq and Terzo

Enoplolindenius rigidus Leclercq and Terzo, 2006:198, ♀, ♂. Holotype: ♂, Brazil: Santa Catarina: Nova Teutônia (FSAG). – Leclercq, 2007g:194 (holotype in FSAG)

28. *risor* Leclercq and Terzo

Enoplolindenius risor Leclercq and Terzo, 2006:199, ♀, ♂. Holotype: ♀, Brazil: São Paulo: Teodoro Sampaio (FSAG). – Leclercq, 2007g:194 (holotype in FSAG).

29. *rogator* Leclercq and Terzo

Enoplolindenius rogator Leclercq and Terzo, 2006:200, ♀. Holotype: ♀, Brazil: Paraná: Curitiba (Kansas Univ.).

30. *sachanus* Leclercq and Terzo

Enoplolindenius sachanus Leclercq and Terzo, 2006:200, ♀, ♂. Holotype: ♀, Ecuador: Napo: 5 km west of Muyuna (BMNH). Paratypes: Bolivia

31. *saltae* Leclercq and Terzo

Enoplolindenius saltae Leclercq and Terzo, 2006:201, ♀, ♂. Holotype: ♂, Argentina: Salta: La Viña (FSAG). – Leclercq, 2007g:194 (holotype in FSAG).

32. *salvator* Leclercq and Terzo

Enoplolindenius salvator Leclercq and Terzo, 2006:202, ♂. Holotype: ♂, Argentina: Catamarca: San Fernando (AMNH).

33. *saranus* Leclercq and Terzo

Enoplolindenius saranus Leclercq and Terzo, 2006:202, ♂. Holotype: ♂, Argentina: Salta: Rosario Lema, correctly Rosario de Lerma (FSAG). Paratype: Bolivia. – Leclercq, 2007g:194 (holotype in FSAG).

34. *serrei* Leclercq

Enoplolindenius serrei Leclercq, 1951a:34, ♀. Holotype: ♀, Costa Rica: no specific locality (MNHN). – Leclercq, 1954c:217 (in catalog of world Crabronini); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Hanson and Menke, 1995:640 (known from Costa Rica); Amarante, 2002:28 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:203 (in revision of *Enoplolindenius*).

Enoplolindenius castronus Leclercq, manuscript name. Synonymized with *Enoplolindenius serrei* Leclercq, 1951 by Leclercq and Terzo, 2006:203.

35. *sucrensis* Leclercq

Enoplolindenius sucrensis Leclercq, 1968c:106, ♀. Holotype: ♀, Bolivia: no specific locality (NHMW). – Leclercq, 1968c:103 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Dollfuss, 1989:9 (holotype in NHMW); Amarante, 2002:29 (in catalog of Neotropical Crabronidae); Leclercq and Terzo, 2006:203 (in revision of *Enoplolindenius*).

36. *trepidus* Leclercq and Terzo

Enoplolindenius trepidus Leclercq and Terzo, 2006:204, ♀, ♂. Holotype: ♂, Brazil: Paraná: Piraquara: Mananciais da Serra (Univ. Federal do Paraná).

37. *uncifer* Leclercq and Terzo

Enoplolindenius uncifer Leclercq and Terzo, 2006:205, ♂. Holotype: ♂, Mexico: Morelos: Puente de Ixtla (MCZ).

38. *yucatanensis* (Cameron)

Crabro yucatanensis Cameron, 1891a:150, ♀. Holotype or syntypes: ♀, Mexico: northern Yucatán: no specific locality (BMNH). – Dalla Torre, 1897:637 (in catalog of world Sphecidae); Ashmead, 1899e:173 (in checklist of North American Crabronidae, misspelled *yucatanensis*). – **As *Enoplolindenius yucatanensis*:** Leclercq, 1951a:37 (new generic assignment, redescription), 1954c:216 (in catalog of world Crabronini), 1968c:102 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Amarante, 2002:29 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:663 (in checklist of Mexican Sphecidae); Leclercq and Terzo, 2006:207, 208 (in revision of *Enoplolindenius*).

ssp. *orotina* Pate

Enoplolindenius orotina Pate, 1942d:397, ♀. Holotype: ♀, Costa Rica: Bonnefil Farm on Río Surubres (ANSP). – Leclercq, 1954c:216 (in catalog of world Crabronini), 1968c:102 (in key to subgenus *Iskutana*);

R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); H. Allen, 1995:15 (type in ANSP); Hanson and Menke, 1995:640 (known from Costa Rica); Amarante, 2002:28 (in catalog of Neotropical Crabronidae). – **As *Enoplolindenius yucatanensis orotina***: Leclercq and Terzo, 2006:207 (new status, in revision of *Enoplolindenius*).

ssp. robertsoni (Rohwer)

Lindenius robertsoni Rohwer, 1920a:57, ♂. Holotype: ♂, USA: Illinois: Carlinville (USNM). – **As *Enoplolindenius robertsoni***: Krombein in Muesebeck, Krombein, and Townes, 1951:1023 (new generic assignment, in catalog of North American Hymenoptera); Leclercq, 1951a:36 (new generic assignment), 1954c:216 (in catalog of world Crabronini), 1968c:102 and 103 (in key to subgenus *Iskutana*); R. Bohart and Menke, 1976:415 (in checklist of world Sphecidae); Krombein, 1979b:1676 (in catalog of North American Hymenoptera). – **As *Enoplolindenius yucatanensis robertsoni***: Leclercq and Terzo, 2006:200, 2008 (new status, in revision of *Enoplolindenius*).

Enoplolindenius georgia Pate, 1942d:393, ♂. Holotype: ♂, USA: Georgia: Thomas County: Thomasville (ANSP). Synonymized with *Enoplolindenius robertsoni* by Krombein in Muesebeck, Krombein, and Townes, 1951:1023. – H. Allen, 1995:15 (type in ANSP); Leclercq and Terzo, 2006:179 (is a synonym of *Enoplolindenius robertsoni*).

Enoplolindenius ponca Pate, 1942d:395, ♀. Holotype: ♀, USA: Nebraska: Cuming County: West Point (ANSP). Synonymized with *Enoplolindenius robertsoni* by Krombein in Muesebeck, Krombein, and Townes, 1951:1023. – H. Allen, 1995:15 (type in ANSP).

sp.

Amarante, 1993:20 (northeastern Brazil); Starr and Hook, 2003:19 (in catalog of Aculeata of Trinidad, West Indies).