

Last updated: 7 March, 2025

ENCOPOGNATHUS

Encopognathus Kohl, 1897a:486. Type species: *Crabro baueri* Kohl, 1896, by monotypy.

Karossia Arnold, 1929:409. Type species: *Karossia hessei* Arnold, 1929, by original designation and monotypy.

Synonymized with *Encopognathus* Kohl by H. Court in Bohart and Menke, 1976:46.

Rhectognathus Pate, 1936b:147. Type species: *Encopognathus pectinatus* Pate, 1936, by original designation.

Tsaishuma Pate, 1943e:57. Type species: *Lindenius wenonah* Banks, 1921, by original designation.

Aryana Pate, 1943e:68. Type species: *Encopognathus oxybeloides* Pate, 1943 [= *Oxybelus bellulus* Dalla Torre, 1897], by original designation.

Bihargnathus Leclercq, 1977a:452, as subgenus of *Encopognathus*. Type species: *Encopognathus itinerus* Leclercq, 1977, by original designation.

Key: Leclercq, 1977a (Asia), 1986b (Africa and Arabia).

1. *acanthomerus* Pate

Encopognathus acanthomerus Pate, 1948:150, ♀, ♂. Holotype: ♂, Nigeria: Lagos: Oloke-Meji to Ibadan (USNM). – Pate, 1948c:150 (in key to subgenus *Encopognathus*); Leclercq, 1954c:207 (in catalog of world Crabronini); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:509 (in key to African and Arabian *Encopognathus*), 514 (Nigeria, Ivory Coast).

2. *africanus* Leclercq

Encopognathus africanus Leclercq, 1955j:246, ♀. Holotype: Tanzania: Tanga (BMNH). – R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:512 (in key to African and Arabian *Encopognathus*), 514 (Tanzania, Kenya, South Africa: Kwazulu-Natal); S. Gess and F. Gess, 2003:102 (Namibia: visiting flowers of *Deverra denudata* (Viv.) Pfisterer and Podl., Apiaceae)

3. *alcatae* Leclercq

Encopognathus alcatae Leclercq, 1963:40, ♀ (subgenus *Encopognathus*). Holotype: ♀, Philippines: Mindoro: Alcate (AEI). – Baltazar, 1966:357 (in catalog of Hymenoptera of Philippines); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:450 (in key to Asian *Encopognathus*), 454 (bibliographic reference); Tsuneki, 1984f:2 (Philippines), 29 (in key to Crabronini of Philippines).

4. *argentatus* (Lepeletier and Brullé)

Lindenius argentatus Lepeletier and Brullé, 1835:792, ♀. Holotype or syntypes: ♀, India: no specific locality (M. Spinola collection, Torino). – Dahlbom, 1844:300 (original description copied), 1845:516 (in key to *Crabro*); Lepeletier de Saint Fargeau, 1845:195 (in revision of world Hymenoptera); Casolari and Casolari Moreno, 1980:117 (specimens in M. Spinola collection, Torino); Pagliano, 2011:140 (specimen in M. Spinola collection, Torino, is *Encopognathus argentatus*). – **As *Crabro argentatus***: F. Smith, 1856:423 (new combination, in catalog of Hymenoptera in British Museum), 1871a:369 (in catalog of Oriental Aculeata); Cameron, 1890b:270 (in list of Oriental Hymenoptera; bibliographic references); Bingham, 1897:328 (redescription); Dalla Torre, 1897:583 (in catalog of world Sphecidae); Rothney, 1903:106 (India: West Bengal: Barrackpore); Yasumatsu, 1942a:90 (China: Chekiang: Tienmushan; subgenus *Entomognathus*); Bradley, 1957:45 (Lepeletier's specimens in M. Spinola collection, Turin). – **As *Encopognathus argentatus***: Leclercq, 1954c:207 (new combination, in catalog of world Crabronini); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:447 (in key to Asian *Encopognathus*), 453 (bibliographic references); Krombein, 1991:38 (Sri Lanka, nesting site); Yue, Du, Ma, and Q. Li, 2018:765 (in key to *Encopognathus* of China).

Oxybelus argenteolineatus Cameron, 1890b:282, sex not indicated. Holotype or syntypes: India: West Bengal: Barrackpore (OXUM). Synonymized with *Encopognathus argentatus* by Bingham, 1897:328. – Cameron, 1890:275 (India: Barrackpore); Dalla Torre, 1897:638 (in catalog of world Sphecidae).

5. *bellulus* (Dalla Torre)

Oxybelus bellus Cameron, 1890b:280, ♂, junior primary homonym of *Oxybelus bellus* Dahlbom, 1844. Holotype or syntypes: ♂, India: Maharashtra: Poona, now Pune (OXUM). – Cameron, 1890b:276 (India: Pune); Bingham, 1897:328 (redescription). – **As *Crabro bellus***: Rothney, 1903:106 (new combination, India: West Bengal: Barrackpore).

Oxybelus bellulus Dalla Torre, 1897:638. Substitute name for *Oxybelus bellus* Cameron, 1890. – **As *Crabro bellulus***: W. Schulz, 1906:210 (new combination). – **As *Encopognathus bellulus* (W. Schulz)**, authorship in error: Leclercq, 1954c:205 (new combination, in catalog of world Crabronini), 1956b:10 (Sri Lanka, India, additional description), 1963:37 (India: Coimbatore and Walayar Forest); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:447 (in key to Asian *Encopognathus*), 453 (India, Sri Lanka, Saudi Arabia, Nigeria, Cameroon), 1986b:509 (in key to African and Arabian *Encopognathus*), 519 (Burkina Faso, Mali, Senegal); Gadallah and Abu El-Ghiet, 2024:81 (Saudi Arabia: Jazan Province: Abu Arish).

Encopognathus oxybeloides Pate, 1943e:71, ♀. Holotype: ♀, India: Tamil Nadu: Nedungadu in Thanjavur District (MCZ). Synonymized with *Encopognathus bellulus* by Leclercq, 1954c:205.

6. *braueri* (Kohl)

Crabro braueri Kohl, 1897:486, ♀, (as *Braueri*, incorrect original capitalization). Holotype: ♀, "Senegambia": no specific locality (NHMW). – **As *Thyreopus braueri***: Arnold, 1926:346 (new combination, original description copied), 1930:13 (in checklist of Afrotropical Sphecidae). – **As *Encopognathus braueri***: Pate, 1943e:75 (new combination, member of subgenus *Encopognathus* s.s.), 1948c:150 (in key to subgenus *Encopognathus*, bibliographic references, diagnostic characters); Leclercq, 1954c:205 (in catalog of world Crabronini); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:513 (in key to African and Arabian *Encopognathus*), 514 (study of holotype); Dollfuss, 1989:9 (type material in NHMW), 2004b:778 (Kenya: Voi).

7. *braunsi* Mercet

Encopognathus braunsi Mercet, 1915:367, ♀, ♂ (as *Braunsi*, incorrect original capitalization). Lectotype: ♀, Spain: Madrid Province: Montarco (MNCN), designated by Gayubo, 1979:190. – Pate, 1943e:59 (member of subgenus *Tsaesima*); Leclercq, 1954c:204 (in catalog of world Crabronini), 301 (nest and prey records); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Gayubo, 1979:185 (redescription), 1984b:92 (Spain: Salamanca: Alberca), 1985c:170 (Spain: Valladolid: Hornillos), 1986d:1 (Spain: Zamora Province); Gayubo, Asís, and Tormos, 1990b:76 (Spain: Cáceres Province); Bitsch and Leclercq, 1993:186 (in revision of western European Crabroninae); Leclercq, 1993c:32 (Spain: locality records); González, Gayubo, and Torres, 1999:355 (Spain: Valladolid: Viana de Cega); Gayubo, González, Tormos, and Asís, 2008:137 (Spain: Salamanca: Parque Natural de Las Batuecas-Sierra de Francia); Baños-Picón, Asís, Gayubo, and Tormos, 2009:312 (Spain: frequency of specimens collected with hand nets and Malaise traps); González, Gayubo, Asís, and Tormos, 2009:624 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park); Cruz-Sánchez, Asís, Gayubo, Tormos, and González, 2011:499 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park: effects of wildfire), 501 (exclusive species of burned areas); Bitsch and Leclercq in Bitsch, Antropov, Gayubo, Leclercq, Schmid-Egger, K. Schmidt, and Straka, 2021:9 (in revision of Sphecidae *sensu lato* of Europe); Cross, Baldock, and Wood, 2021:33 (in catalog of Sphecidae *sensu lato* of Portugal). – **As *Crabro braunsi***: Kohl, 1915:320 (new combination, in revision of Palearctic Crabronini); Giner Marí, 1943a:250 (in Sphecid Fauna of Spain); Ceballos, 1956:392 (in catalog of Hymenoptera of Spain), 1959:230 (in supplement to catalog of Spanish Sphecidae).

8. *bridwelli* Pate

Encopognathus bridwelli Pate, 1948c:150, ♀. Holotype: ♀, Nigeria: Lagos: Oloke-Meji to Ibadan (USNM). – Pate, 1948c:150 (in key to subgenus *Encopognathus*); Leclercq, 1954c:206 (in catalog of world Crabronini); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:513 (in key to African and Arabian *Encopognathus*), 515 (bibliographic references).

9. *brownei* R. Turner

Encopognathus brownei R. Turner, 1917a:106, ♀. Holotype or syntypes: ♀, Kenya: Tana River (BMNH). – Pate, 1943e:75 (member of subgenus *Encopognathus* s.s.), 1948:149 (in key to subgenus *Encopognathus*), 153 (bibliographic references, diagnostic characters); Leclercq, 1954c:206 (in catalog of world Crabronini, Zaire), 301 (nest and prey records), 1955:247 (Namibia, Tanzania, description of ♂); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:512, 513 (in key to African and Arabian *Encopognathus*), 515 (Kenya, South Africa, Zaire, Zimbabwe); Dollfuss, 2004b:778 (Namibia: Rundu). – **As *Thyreopus brownei*:** Arnold, 1926:345 (original description copied), 1927:122 (synonymy), 1930:13 (in checklist of Afrotropical Sphecidae).

Thyreopus egregius Arnold, 1926:345, ♀. Holotype: ♀, Zimbabwe: Sawmills or Rhodesdale (SAM). Synonymized with *Thyreopus brownei* by Arnold, 1927:122.

10. *chapraensis* (R. Turner)

Entomognathus chapraensis R. Turner, 1917e:185, ♀. Lectotype: ♀, India: Bihar: Chapra (BMNH), designated by Leclercq, 1977a:454. – **As *Encopognathus chapraensis*:** Leclercq, 1954c:206 (new combination, in catalog of world Crabronini), 1956b:10 (India, Sri Lanka, Thailand, additional description), nec 1958d:99 (♀ = *Encopognathus grivellus*, ♂ = *Encopognathus gombaki*), 1963:38 (India: Coimbatore); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:448 and 451 (in key to Asian *Encopognathus*), 454 (bibliographic references); Mawadda and Girish Kumar, 2023a:106 (in checklist of Crabroninae of Northern India).

11. *chirindensis* (Arnold)

Thyreopus chirindensis Arnold, 1932:17, ♀, ♂. Syntypes: Zimbabwe: Chirinda Forest (SAM). – Hancock, Chahwanda, and Mhlanga, 1995:40 (syntypes in Bulawayo Museum). – **As *Encopognathus chirindensis*:** Pate, 1943e:75 (new combination, member of subgenus *Encopognathus* s.s.), 1948c:153 (bibliographic references, diagnostic characters); Leclercq, 1954c:206 (in catalog of world Crabronini), 301 (nest and prey records); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:509 (in key to African and Arabian *Encopognathus*), 515 (bibliographic references).

12. *damarae* Leclercq

Encopognathus damarae Leclercq, 1986b:515, ♀, ♂. Holotype: ♀, Namibia: Okahandja (BMNH). – Leclercq, 1986b:511, 513 (in key to African and Arabian *Encopognathus*).

13. *districtus* Leclercq

Encopognathus districtus Leclercq, 1977a:454, ♀, ♂. Holotype: ♀, Sri Lanka: Ratnapura: Weddagala in Sinharaja Forest (USNM). Paratype: India: Coimbatore: Cinchona (Gembloux). – Leclercq, 1977a:448 (in key to Asian *Encopognathus*); Krombein, 1991:35 (Sri Lanka, nesting habits).

14. *esoterus* Leclercq

Encopognathus esoterus Leclercq, 1963:41, ♀ (subgenus *Encopognathus*). Holotype: ♀, Philippines: Luzon: Mount Baguio (USNM). – Baltazar, 1966:358 (in catalog of Hymenoptera of Philippines); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:450 (in key to Asian *Encopognathus*), 455 (variation); Tsuneki, 1984f:2 (Philippines), 29 (in key to Crabronini of Philippines).

15. gombaki Leclercq

As *Encopognathus chapraensis* (♂): Leclercq, 1958d:100 (Malaysia: Pahang and Selangor), corrected to *Encopognathus gombaki* by Leclercq, 1963:39 and 1977a:454.

Encopognathus gombaki Leclercq, 1963:39, ♀, ♂ (♀ = *Encopognathus grivellus*). Holotype: ♂, Malaysia: Selangor: Gombak Valley (BMNH). – R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:449 and 451 (in key to Asian *Encopognathus*), 455 (bibliographic references, *Encopognathus thaianus* is possibly a synonym); Dollfuss, 2004b:778 (Laos: 17 km east-northeast of Oudom xai).

16. granulatus (Arnold)

Thyreopus granulatus Arnold, 1926:348, ♀. Holotype: ♀, Zaire: Pengo (MRAC). – Arnold, 1930:13 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:94 (Zaire). – As *Encopognathus granulatus*: Pate, 1943:76 (member of subgenus *Encopognathus* s.s.), 1948c:149 (in key to subgenus *Encopognathus*, as *granulata*), 153 (bibliographic references, diagnostic characters, as *granulata*); Leclercq, 1954c:207 (in catalog of world Crabronini), 1958a:6 (Zaire), 1969:1054 (Congo Brazzaville); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:510 (in key to African and Arabian *Encopognathus*), 516 (correction to original description, Gabon, Zaire).

17. grivellus Leclercq

As *Encopognathus chapraensis* (♀): Leclercq, 1958d:99 (Malaysia), corrected to *Encopognathus grivellus* by Leclercq, 1977a:454.

Encopognathus grivellus Leclercq, 1977a:455, ♀, ♂. Holotype: ♂, Malaysia: Selangor: Kuala Sleh (BMNH). – Leclercq, 1977a:449 and 452 (in key to Asian *Encopognathus*); Dollfuss, 2004b:778 (Malaysia: Pahang: Lata Lembik 30 km northeast of Raaub).

18. hessei (Arnold)

Karossia hessei Arnold, 1929c:410, ♀ (as *Hessei*, incorrect original capitalization). Holotype: ♀, Namibia: Outjo District: Kaross Farm at 19°23'S 14°40'E (SAM). – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae), 1940:137 (description of ♂, Namibia). – As *Encopognathus hessei*: R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:508 (in key to African and Arabian *Encopognathus*), 519 (Namibia).

19. isolatus (R. Turner)

Entomognathus isolatus R. Turner, 1917e:186, ♀. Holotype: ♀, India: Bihar: Pusa (BMNH). – As *Encopognathus isolatus*: Leclercq, 1954c:204 (new combination, in catalog of world Crabronini, redescription); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:446 (in key to Asian *Encopognathus*), 452 (bibliographic references, belongs to subgenus *Bihargnathus*); Mawadda and Girish Kumar, 2023a:106 (in checklist of Crabroninae of Northern India).

20. itinerus Leclercq

Encopognathus itinerus Leclercq, 1977a:452, ♂. Holotype: ♂, Sri Lanka: Monaragala: 13 mi east of Uda Walawe (USNM). – Leclercq, 1977a:446 (in key to Asian *Encopognathus*); Krombein, 1991:37 (Sri Lanka, nesting habits).

21. kinabalensis Tsuneki

Encopognathus kinabalensis Tsuneki, 1974b:649, ♀, ♂. Holotype: ♂, Malaysia (East) = Borneo: Mount Kinabalu (T. Tano coll., Fukui). – R. Bohart and Menke, 1976:629 (in checklist of world Sphecidae); Leclercq, 1977a:449 and 451 (in key to Asian *Encopognathus*), 456 (bibliographic references).

22. lankanus Leclercq

Encopognathus lankanus Leclercq, 1977:456, ♀, ♂. Holotype: ♀, Sri Lanka: Colombo: Colombo (USNM). – Leclercq, 1977a:448 and 451 (in key to Asian *Encopognathus*); Krombein, 1991:36 (Sri Lanka, nesting habits).

23. *liongoi* Leclercq

Encopognathus liongoi Leclercq, 1986b:516, ♀, ♂. Holotype: ♀, Zaire: Equateur: Gemena (FSAG). Paratypes: Central African Republic, Senegal, Somalia, Saudi Arabia. – Leclercq, 1986b:510 (in key to African and Arabian *Encopognathus*); Dollfuss, 1989:9 (paratype in NHMW), 1990:122 (Central African Republic), 2004b:778 (Kenya: Voi); Leclercq, 2007g:194 (holotype in FSAG); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Gadallah, 2020b:35 (in list of aculeate wasps of Arabian Peninsula); Gadallah and Abu El-Ghiet, 2024:83 (Saudi Arabia: Jazan Province: Abu Arish).

24. *lumpuri* Leclercq

Encopognathus lumpuri Leclercq, 1958d:100, ♀, ♂ (♀ = *Encopognathus sudesticus*). Holotype: ♂, Malaysia: Kuala Lumpur (BMNH). – R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:447 (in key to Asian *Encopognathus*), 456 (bibliographic references, diagnostic characters).

25. *pauyi* Leclercq

Encopognathus pauyi Leclercq, 1986b:517, ♀, ♂. Holotype: ♂, Senegal: Kédougou (FSAG). Paratypes: Burkina Faso, Gambia, Nigeria, Zaire. – Leclercq, 1986b:510, 511 (in key to African and Arabian *Encopognathus*), 2007g:194 (holotype in FSAG).

26. *pectinatus* Pate

Encopognathus pectinatus Pate, 1936b:148, ♀, ♂. Holotype: ♂, USA: California: Los Angeles County: Claremont (Cornell Univ.). – Timberlake, 1940:168 (California); Pate, 1943e:62 (in revision of *Encopognathus*); Krombein in Muesebeck, Krombein, and Townes, 1951:1014 (in catalog of North American Hymenoptera); Leclercq, 1954c:204 (in catalog of world Crabronini); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Krombein, 1979b:1659 (in catalog of North American Hymenoptera).

27. *poringi* Leclercq

Encopognathus poringi Leclercq, 1977:456, ♂. Holotype: ♂, Malaysia: Sabah: Poring Springs (BMNH). – Leclercq, 1977a:449 (in key to Asian *Encopognathus*).

28. *rhodesianus* (Arnold)

Thyreopus rhodesianus Arnold, 1932:19, ♀, ♂. Zimbabwe: Spongweni (SAM). – As *Encopognathus rhodesianus*: Pate, 1943e:75 (new combination, member of subgenus *Encopognathus* s.s.), 1948c:150 (in key to subgenus *Encopognathus*, as *rhodesiana*), 152 (bibliographic references, diagnostic characters, as *rhodesiana*); Leclercq, 1954c:206 (in catalog of world Crabronini), 1955j:248 (Namibia: Okahandja); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:513 (in key to African and Arabian *Encopognathus*), 518 (correction to original description, Namibia); Dollfuss, 2004b:778 (Zimbabwe: Matobo, Masvingo).

29. *rochei* Leclercq

As *Encopognathus chapraensis* (specimen from Thailand): Leclercq, 1956b:10, corrected to *Encopognathus rochei* by Leclercq, 1977a:457.

Encopognathus rochei Leclercq, 1977a:456, ♀, ♂. Holotype: ♀, Malaysia: Johore: Kota Tingi (BMNH). Paratype: Thailand: Lampang. – Leclercq, 1977a:450 and 452 (in key to Asian *Encopognathus*); Yue, Du, Ma, and Q. Li, 2018:764 (first record from China, redescription in Chinese), 765 (in key to *Encopognathus* of China).

30. *rufiventris* Timberlake

Encopognathus rufiventris Timberlake, 1940:167, ♀. Holotype: ♀, USA: California: San Bernardino County: 10 mi. southwest of Victorville (USNM). – Pate, 1943e:66 (in revision of *Encopognathus*); Krombein in Muesebeck, Krombein, and Townes, 1951:1014 (in catalog of North American Hymenoptera); Leclercq, 1954c:205 (in catalog of world Crabronini); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); R. Bohart and Villegas,

1977:331 (nesting habits, description of larva); Krombein, 1979b:1659 (in catalog of North American Hymenoptera).

31. *rugosopunctatus* R. Turner

Encopognathus rugosopunctatus R. Turner, 1912c:419, ♀. Holotype or syntypes: ♀, South Africa: KwaZulu-Natal: Durban (BMNH). – Pate, 1943e:75 (member of subgenus *Encopognathus* s.s.), 1948c:150 (in key to subgenus *Encopognathus*, bibliographic references, diagnostic characters, as *rugosopunctata*); Leclercq, 1954c:206 (in catalog of world Crabronini); R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1986b:513 (in key to African and Arabian *Encopognathus*), 518 (Malawi); Dollfuss, 2004b:779 (Zimbabwe: Mount Selinda 40 km south of Chipinge). – As *Thyreopus rugosopunctatus*: Arnold, 1926:345 (new combination, original description copied), 1930:13 (in checklist of Afrotropical Sphecidae).

32. *saudianus* Leclercq

Encopognathus saudianus Leclercq, 1986b:518, ♀. Holotype: ♀, Saudi Arabia: Abu Arish (BMNH). – Leclercq, 1986b:512 (in key to African and Arabian *Encopognathus*); Gadallah, 2020b:35 (in list of aculeate wasps of Arabian Peninsula); Gadallah and Abu El-Ghiet, 2024:83 (Saudi Arabia: Jazan Province: Abu Arish).

33. *sudesticus* Leclercq

As *Encopognathus lumpuri* Leclercq, 1958d:100 (♀ only), corrected to *Encopognathus sudesticus* by Leclercq, 1977a:456.

Encopognathus sudesticus Leclercq, 1977a:457, ♀, ♂. Holotype: ♀, Malaysia: Kuala Lumpur (BMNH). Paratypes: Thailand (Gembloux), Sikkim (ZMHU). – Leclercq, 1977a:448, 450 (in key to Asian *Encopognathus*); Dollfuss, 2004b:779 (Malaysia: Ipoh 5 km east of Tanjong Rambutan, Thailand: Chiang Dao, Soppong); Yue, Du, Ma, and Q. Li, 2018:765 (first record from China, redescription in Chinese, in key to *Encopognathus* of China).

34. *sungainus* Leclercq

Encopognathus sungainus Leclercq, 1977a:457, ♂. Holotype: ♂, Malaysia: Cameron Highlands: Sungai Boh (BMNH). – Leclercq, 1977a:449 (in key to Asian *Encopognathus*); Dollfuss, 2004b:779 (Borneo: west of Apin in Crocker Range).

35. *tenggeri* Leclercq

Encopognathus tenggeri Leclercq, 1977a:457, ♀. Holotype: ♀, Indonesia: Java: Tengger Highlands (BMNH). – Leclercq, 1977a:452 (in key to Asian *Encopognathus*).

36. *teratus* Leclercq

Encopognathus teratus Leclercq, 1977a:457, ♀. Holotype: ♀, Malaysia: Pahang: Bertam Valley (BMNH). – Leclercq, 1977a:452 (in key to Asian *Encopognathus*).

37. *thaiianus* Tsuneki

Encopognathus thaiianus Tsuneki, 1963c:36, ♀, ♂. Holotype: ♀, Thailand: Nabon (Sasayama Univ.). – R. Bohart and Menke, 1976:380 (in checklist of world Sphecidae); Leclercq, 1977a:455 (as possible synonym of *Encopognathus gombaki*); Yue, Du, Ma, and Q. Li, 2018:765 (first record from China, redescription in Chinese, in key to *Encopognathus* of China).

38. *wenonah* (Banks)

Lindenius wenonah Banks, 1921:21, ♂. Holotype: ♂, USA: California: El Dorado County: Tallac (MCZ). – As *Encopognathus wenonah*: Pate, 1943e:59 (new combination, in revision of *Encopognathus*); Krombein in Muesebeck, Krombein, and Townes, 1951:1014 (in catalog of North American Hymenoptera); Leclercq, 1954c:204 (in catalog of world Crabronini; California, Oregon); R. Bohart and Menke, 1976:380 (in checklist of world

Sphecidae); Krombein, 1979b:1659 (in catalog of North American Hymenoptera); Radović, 1985:65 (sting apparatus analyzed); Weissmann and Kondratieff, 1999:78 (Colorado: Great Sand Dunes National Monument).

sp.

Dollfuss, 2004b:779 (Kenya: Voi; Namibia: Rundu); S. Gess and F. Gess, 2003:102 (Namibia: visiting flowers of *Deverra denudata* (Viv.) Pfisterer and Podl., Apiaceae).

SPECIES DESCRIBED IN ENCOPOGNATHUS AND TRANSFERRED TO ANOTHER GENUS

evolutionis Leclercq, 1956 = *Entomognathus*