

Last updated: 19 September, 2023

LAPHYRAGOGUS

Laphyragogus Kohl, 1889b:190. Type species: *Laphyragogus pictus* Kohl, by monotypy.

Leianthrena Bingham in Kohl, 1897a:381 (before 11 March). Type species: *Leianthrena kohlii* Bingham, 1897, by original designation.

Lianthrena Bingham, 1897:212 (must be treated as published 31 December). Type species: *Lianthrena kohlii* Bingham, by original designation [= *Leianthrena kohlii* Bingham in Kohl, 1897].

Revision: de Beaumont, 1959d; Schmid-Egger, 2022.

Review of biology: Kazenas, 2001b:146.

1. *ajjer* de Beaumont

Laphyragogus ajjer de Beaumont, 1958b:63, ♂. Holotype: ♂, Algeria: Tassili des Ajjer: reg between oueds Sersouf and Issandilène (MNHN). – de Beaumont, 1959d:732 (in revision of *Laphyragogus*); R. Bohart and Menke, 1976:220 (in checklist of world Sphecidae); Prentice, 1993:7 (possibly preying on adult Lepidoptera); Schmid-Egger, 2022:305 (in key to *Laphyragogus*), 306 (in revision of *Laphyragogus*, description of ♀, Morocco: 30 km south of Zagora).

2. *gessae* Schmid-Egger

Laphyragogus gessae Schmid-Egger, 2022:308, ♀, ♂ (as *gessi*, incorrect original spelling because dedicated to Sarah Gess, a female, on p. 310). Holotype: ♂, Oman: 20 km west of Barka: Wadi Far at 57.7119°N 23.760°E (Ch. Schmid-Egger personal collection, Berlin, Germany). Paratypes: United Arab Emirates. – Schmid-Egger, 2022:7119 (in key to *Laphyragogus*).

3. *kohlii* (Bingham)

Leianthrena kohlii Bingham in Kohl, 1897:381 (before 11 March), ♀, ♂ (as *Kohlii*, incorrect original capitalization). Syntypes: Pakistan: North-West Provinces, now Khyber Pakhtunkhwa Province: no specific locality, and India or Pakistan: Punjab: no specific locality (BMNH). The designation of lectotype by Schmid-Egger, 2022:310 is invalid, because the specimen selected was not one of the syntypes (Article 74.2): it was collected posteriorly to the original description (in 1901), and from Deesa in Gujarat, India, far from the original localities. – **As *Laphyragogus kohlii***: de Beaumont, 1959d:733 (in revision of *Laphyragogus*); R. Bohart and Menke, 1976:220 (in checklist of world Sphecidae); Kazenas, 2001:25 (in checklist of Sphecidae of Kazakhstan and Central Asia); Schmid-Egger, 2022:305 (in key to *Laphyragogus*), 310 (306 (in revision of *Laphyragogus*)).

Lianthrena kohlii Bingham, 1897:213, ♀, ♂ (must be treated as published 31 December). Syntypes: India or Pakistan: Punjab: no specific locality (BMNH). Objective synonym of *Leianthrena kohlii* Bingham, 1897.

Laphyragogus turanicus Gussakovskij, 1952:227, ♀, ♂. Lectotype: ♀, Tajikistan: Ayvadj at Kafirnigan River (ZIN), designated by Kazenas, 2000a:50. Synonymized with *Laphyragogus kohlii* by Kazenas, 2000a:50. – de Beaumont, 1959d:733 (in revision of *Laphyragogus*); R. Bohart and Menke, 1976:220 (in checklist of world Sphecidae); Kazenas, 1985:17 (Tajikistan; prey: adult *Crambus*, Lepidoptera), Kazenas, 2001b:146 (review of known biology).

4. *orientalis* de Beaumont

Laphyragogus ajjer orientalis de Beaumont, 1970c:17, ♀, ♂. Holotype: ♂, Iran: Baluchistan: southwest of Iranshar (Ludwigsburg). – Bohart and Menke, 1976:220 (in checklist of world Sphecidae). – **As *Laphyragogus orientalis***: Schmid-Egger, 2022:305 (in key to *Laphyragogus*), 312 (new status, in revision of *Laphyragogus*).

5. *pectinatus* de Beaumont

Laphyragogus pectinatus de Beaumont, 1959d:728, ♀, ♂. Holotype: ♂, Israel: Revivim (Lausanne). – de Beaumont, 1960b:246 (Libya); de Beaumont, Bytinski-Salz and Pulawski, 1973:18 (Israel); R. Bohart and Menke, 1976:220 (in checklist of world Sphecidae); Roche, 2007a:61 (in checklist of Egyptian Crabronidae, redescription), 2007b:4 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2022:305 (in key to *Laphyragogus*), 313 (in revision of *Laphyragogus*).

6. *pictus* Kohl

Laphyragogus pictus Kohl, 1889:190, ♀. Holotype: Egypt: no specific locality (ZMHU). – Mochi, 1938:223 (Egypt; description of ♂); Giner Marí, 1945e:235 (Spanish Sahara); de Beaumont, 1959d:724 (in revision of western Palearctic *Laphyragogus*); de Beaumont, Bytinski-Salz and Pulawski, 1973:18 (Israel); R. Bohart and Menke, 1976:220 (in checklist of world Sphecidae); Radović, 1985:64 (sting apparatus analyzed); Al-Houty, 1989:160 (Kuwait: Al-Wafra), 1997:161 (Kuwait: no specific locality); Hua, 2006:280 (in list of Chinese insects, geographic distribution); Roche, 2007a:62 (in checklist of Egyptian Crabronidae), 2007b:4 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Gadallah, 2020b:59 (in list of aculeate wasps of Arabian Peninsula); Schmid-Egger, 2022:305, 306 (in key to *Laphyragogus*), 314 (in revision of *Laphyragogus*).

7. *strakai* Schmid-Egger

Laphyragogus strakai Schmid-Egger, 2011b:543, ♂. Holotype: ♂, United Arab Emirates: Um al-Quwain at 25°32'N 55°32'E (Ch. Schmid-Egger personal collection, Berlin). – Schmid-Egger, 2011b:544 (color photograph of male); Gadallah, 2020b:60 (in list of aculeate wasps of Arabian Peninsula); Schmid-Egger, 2022:305, 306 (in key to *Laphyragogus*), 315 (in revision of *Laphyragogus*).

8. *visnagae* de Beaumont

Laphyragogus visnagae de Beaumont, 1959d:730, ♀, ♂. Holotype: ♂, Algeria: Biskra (Lausanne). – Bohart and Menke, 1976:220 (in checklist of world Sphecidae); Gadallah, 2020b:60 (in list of aculeate wasps of Arabian Peninsula, determination tentative); Schmid-Egger, 2022:305, 306 (in key to *Laphyragogus*), 317 (in revision of *Laphyragogus*).

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de Beaumont, 1957a:143 (Morocco), 1961b:275 (Afghanistan); Roche, 1981:2 (in checklist of Sphecidae of United Arab Emirates); Schmid-Egger, 2011b:545 (United Arab Emirates, description of ♀); Dunford, Turbyville, and Leavengood, 2014:9 (listed as medically important in Afghanistan); S. Gess and Roosenschoon, 2016:106 (Dubai Desert Conservation Reserve, visiting flowers of *Calotropis procera* (Aiton) W.T. Aiton, Apocynaceae), of *Crotalaria aegyptiaca* Benth., Fabaceae, and of *Limeum arabicum* Fried., Molluginaceae); Gadallah, 2020b:60 (in list of aculeate wasps of Arabian Peninsula).