

Last updated: 9 May 2025

AMMOPLANOPS

Ammoplanops Gussakovskij, 1931b:457. Type species: *Ammoplanops carinatus* Gussakovskij, 1931, by original designation.

Revision: R. Bohart and N. Smith, 1978 (Nearctic species).

Review of biology: Kazenas, 2001b:138.

1. *ashmeadi* Pate

Ammoplanops ashmeadi Pate, 1939:397, ♂, ♀. Holotype: ♂, USA: California: Riverside County: Palm Springs (ANSP). – Krombein in Muesebeck et al., 1951:964 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); R. Bohart and N. Smith, 1978:79 (in revision of Nearctic *Ammoplanops*); Krombein, 1979b:1610 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP).

2. *californicus* R. Bohart and N. Smith

Ammoplanops californicus R. Bohart and N. Smith, 1978:79, ♂, ♀. Holotype: ♂, USA: California: Riverside County: Thousand Palms (UCD).

3. *carinatus* Gussakovskij

Ammoplanops carinatus Gussakovskij, 1931b:459, ♀, ♂. Lectotype: ♂, Kazakhstan: Tartugay 75 km SE Kzyl Orda (ZIL), designated by Marshakov, 1976a:682. – R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); Marshakov, 1976a:681 (in key to Palearctic *Ammoplanops*), 682 (Mongolia; variation in male sterna VII and VIII); Kazenas, 1978b:161 (in key to Sphecidae of Kazakhstan and Central Asia); Esenbekova and Kazenas, 2000:23 (southeast Kazakhstan: near Bakanas); Kazenas, 2000e:170 (in Sphecid Fauna of Kazakhstan), 2001:23 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:53 (geographic distribution, collecting localities in Kazakhstan), 2008a:100 (southeastern Kazakhstan: near Bakanas and 65 km W Bakanas in Ili River valley); L. Ma, X.X. Chen, and Q. Li, 2011c:237 (first record from China: Inner Mongolia: several localities); Atbaei, Fallahzadeh, and Ljubomirov, 2015:3 (first record from Iran: Fars Province); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:71 (Iran: known from Fars Province); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:420 (Uzbekistan: distribution).

Ammoplanops laticeps Gussakovskij, 1931b:460, ♀, ♂. Lectotype: ♂, Uzbekistan: Khiva (ZIN), designated by Marshakov, 1976a:682. Synonymized with *Ammoplanops carinatus* by Marshakov, 1976a:682. – R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); Kazenas, 1978b:161 (in key to Sphecidae of Kazakhstan and Central Asia); Kazenas, 2001:23 (in checklist of Sphecidae of Kazakhstan and Central Asia).

4. *cockerelli* (Ashmead)

Ammoplanus cockerelli Ashmead, 1903:295, ♀. Holotype: ♀, USA: New Mexico: Doña Ana County: Las Cruces (USNM). – As *Ammoplanops cockerelli*: Pate, 1937b:124 (new combination, in revision of Nearctic *Ammoplanops*), 1939:400 (diagnostic characters, locality records); Krombein in Muesebeck et al., 1951:964 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); R. Bohart and N. Smith, 1978:80 (in revision of Nearctic *Ammoplanops*; western Texas to Utah and southern California); Krombein, 1979b:1610 (in catalog of North American Hymenoptera); Ohl and Linde, 2003:149 (number of ovarioles).

5. *cressoni* Pate

Ammoplanops cressoni Pate, 1939:395, ♂. Holotype: ♂, USA: California: Riverside County: 5.5 mi NW Indio (ANSP). – Krombein in Muesebeck et al., 1951:964 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); R. Bohart and N. Smith, 1978:80 (in revision of Nearctic *Ammoplanops*; New Mexico to southeastern California, Baja California Norte); Krombein, 1979b:1610 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP).

6. *milleri* R. Bohart and N. Smith

Ammoplanops milleri R. Bohart and N. Smith, 1978:82, ♂, ♀. Holotype: ♂, Mexico: Baja California Norte: Mulege (UCD). Paratypes: Baja California Sur.

7. *moenkopi* Pate

Ammoplanops moenkopi Pate, 1939:402, ♂. Holotype: ♂ USA: Arizona: Coconino County: 11 mi E Moenkopi (ANSP). – Krombein in Muesebeck et al., 1951:964 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); R. Bohart and Smith, 1978:84 (in revision of Nearctic *Ammoplanops*; western Texas to Nebraska, Wyoming, west to Utah and Arizona); Krombein, 1979b:1610 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP); Buck and Bennett, 2025:206 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta and Saskatchewan: no specific locality).

8. *mongolicus* Tsuneki

Ammoplanops mongolicus Tsuneki, 1972a:212, ♂, ♀. Holotype: ♂, Mongolia, Khovd Aymag: Somon Bulgan (TMB). – R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); Kochetkov and Korsun, 2025:6 (Russia: Zabaikalskiy Kray: Dauriski Nature Reserve).

9. *neomexicanus* R. Bohart and N. Smith

Ammoplanops neomexicanus R. Bohart and N. Smith, 1978:84, ♂, ♀. Holotype: ♂, USA: New Mexico: Dona Ana County: 5.2 mi E Mesilla Park (CAS).

10. *powelli* R. Bohart and N. Smith

Ammoplanops powelli R. Bohart and N. Smith, 1978:85, ♂, ♀. Holotype: ♂, USA: California: Riverside County: Deep Canyon, Boyd Desert Research Center (CAS).

11. *timberlakei* Pate

Ammoplanops timberlakei Pate, 1939:404, ♂. Holotype: ♂, USA: California: Riverside County: Andreas Canyon near Palm Springs (ANSP). – Krombein in Muesebeck et al., 1951:964 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); R. Bohart and N. Smith, 1978:87 (in revision of Nearctic *Ammoplanops*; Arizona and southern California to Baja California Sur); Krombein, 1979b:1610 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP).

12. *tuberculifer* Gussakovskij

Ammoplanops tuberculifer Gussakovskij, 1931b:461, ♂. Holotype: ♂, Kazakhstan: Tartugay 75 km SE Kzyl-Orda (ZIN). – R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); Marshakov, 1976a:681 (in key to Palearctic *Ammoplanops*), 682 (bibliographic references); Kazenas, 1978b:161 (in key to Sphecidae of Kazakhstan and Central Asia), 1992c:25 (Turkmenistan: Repetek Nature Reserve), 2000e:171 (in Sphecidae Fauna of Kazakhstan), 2001:23 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:53 (geographic distribution, in Kazakhstan: Tartugay).

13. *utahensis* R. Bohart and N. Smith

Ammoplanops utahensis R. Bohart and N. Smith, 1978:88, ♂, ♀. Holotype: ♂, USA: Utah: Cache County: Cornish (UCD).

14. *vierecki* Pate

Ammoplanops vierecki Pate, 1939:406, ♀, ♂. Holotype: ♂, USA: New Mexico: Otero County: Alamogordo (ANSP). – Krombein *in* Muesebeck et al., 1951:964 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); R. Bohart and N. Smith, 1978:89 (in revision of Nearctic *Ammoplanops*; western Texas to Utah and California); Krombein, 1979b:1610 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP).

Ammoplanops foxi Pate, 1939:409, ♂. Holotype: ♂, USA: California: San Bernardino County: Clark Mountain (ANSP). Synonymized with *Ammoplanops vierecki* by R. Bohart and N. Smith, 1978:89. – Krombein *in* Muesebeck et al., 1951:964 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:197 (in checklist of world Sphecidae); Krombein, 1979b:1610 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP).

sp.

Weissmann and Kondratieff, 1999:77 (Colorado: Great Sand Dunes National Monument).

AMMOPLANOPS TRANSFERRED TO PULVERRO

irwini R. Bohart and N. Smith, 1978 = *Pulverro*