

Last updated: 13 March 2025

PARAMMOPLANUS

Parammoplanus Pate, 1939:391. Type species: *Ammoplanus apache* Pate, 1937, by original designation. Treated as subgenus of *Ammoplanellus* by R. Bohart in Bohart and Menke, 1976:42, synonymized with subgenus *Ammoplanellus* by Marshakov, 1979b:374, recognized as genus by N. Smith, 2010.

Key: N. Smith, 2010, 2012b:220, and 2021:172.

1. apache (Pate)

Ammoplanus apache Pate, 1937b:106, ♂. Holotype: ♂, USA: New Mexico: Otero County: Alamogordo (ANSP). – Pate, 1943b:159 (Arizona, California); Krombein in Muesebeck, Krombein, and Townes, 1951:969 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP). – **As *Ammoplanellus apache***: R. Bohart and Menke, 1976:199 (new generic assignment, in checklist of world Sphecidae); Krombein, 1979b:1611 (in catalog of North American Hymenoptera); nec G. Scudder, 1994:75 (in checklist of rare and endangered invertebrates of British Columbia); Blades and Maier, 1996:72 (Canada: British Columbia: Osoyoos - Mount Kobau area at 119°40'W 49°05'N). – **As *Parammoplanus apache***: N. Smith, 2010:119 (new generic assignment, in revision of *Parammoplanus*); Ratzlaff, 2016:27 (Canada: British Columbia: from Blades and Maier, 1992 and Scudder, 1994); N. Smith, 2021:173 (in key to females of *Parammoplanus*).

2. brooksi N. Smith

Parammoplanus brooksi N. Smith, 2010:134, ♀, ♂. Holotype: ♂, USA: Utah: Washington County: Oak Grove in Pine Valley Mountains (UCD). – N. Smith, 2021:173 (in key to females of *Parammoplanus*).

3. cavifrons N. Smith

Parammoplanus cavifrons N. Smith, 2010:136, ♀, ♂. Holotype: ♂, USA: California: Fresno County: Courtright Lake (UCD). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

4. flavidus N. Smith

Parammoplanus flavidus N. Smith, 2010:138, ♀, ♂. Holotype: ♂, USA: Texas: Brewster County: Hot Springs in Big Bend National Park (USU). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

5. foveatus N. Smith

Parammoplanus foveatus N. Smith, 2010:139, ♀. Holotype: ♀, Mexico: Guerrero: 6 mi. east of Xochipala (Texas A & M Univ.). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

6. griswoldi N. Smith

Parammoplanus griswoldi N. Smith, 2010:121, ♀, ♂. Holotype: ♂, USA: California: Trinity County: Forest Peak (USU). – N. Smith, 2021:173 (in key to females of *Parammoplanus*).

7. heydoni N. Smith

Parammoplanus heydoni N. Smith, 2010:123, ♀, ♂. Holotype: ♂, USA: California: Inyo County: Joshua Flat in Eureka Valley (UCD). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

8. hiatus N. Smith

Parammoplanus hiatus N. Smith, 2010:140, ♀, ♂. Holotype: ♂, USA: California: Alpine County: Winnemucca Lake (UCD). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

9. irwini N. Smith

Parammoplanus irwini N. Smith, 2010:124, ♀, ♂. Holotype: ♂, USA: California: Fresno County: 0-5 mi. east of Barton Flat (UCD). – N. Smith, 2021:172 (in key to females of *Parammoplanus*); Buck and Bennett, 2025:206

(in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: first record from Canada: Alberta and Saskatchewan: no specific locality).

As *Ammoplanellus apache*: G. Scudder, 1994:75 (in checklist of rare and endangered invertebrates of British Columbia), corrected to *Parammoplanus irwini* and *P. verrucosus* by Buck and Bennett, 2025:206.

10. *lenape* (Pate)

Ammoplanus lenape Pate, 1937b:104, ♂. Holotype: ♂, USA: Pennsylvania: Northampton County: Lehigh Gap (ANSP). – Pate, 1943b:160 (subspecies *lenape lenape*); Krombein in Muesebeck, Krombein, and Townes, 1951:970 (in catalog of North American Hymenoptera); H. Allen, 1995:15 (type in ANSP); Buck, 2004:25 (Canada: in checklist of Sphecidae of Ontario), 29 (distribution within Ontario), 43 (first record from Canada: Ontario: Barrie Island in Lake Huron). – As *Ammoplanellus lenape*: R. Bohart and Menke, 1976:199 (new generic assignment, in checklist of world Sphecidae); Krombein, 1979b:1611 (in catalog of North American Hymenoptera); G. Scudder, 1994:75 (in checklist of rare and endangered invertebrates of British Columbia); Blades and Maier, 1996:72 (Canada: British Columbia: Osoyoos - Mount Kobau area at 119°40'W 49°05'N). – As *Parammoplanus lenape*: N. Smith, 2010:141 (new generic assignment, in revision of *Parammoplanus*), 2012b:217 (description of ♀); Buck and Bennett, 2025:206 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Ontario, first record from Quebec: no specific locality).

11. *montanus* N. Smith

Parammoplanus montanus N. Smith, 2010:128, ♀, ♂. Holotype: ♂, USA: California: Fresno County: Wishon Reservoir (UCD). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

12. *olamentke* (Pate)

Ammoplanus lenape olamentke Pate, 1943b:160, ♀, ♂. Holotype: ♂, USA: California: Marin County: Mount Tamalpais (ANSP). Paratype: Montana. – Krombein in Muesebeck, Krombein, and Townes, 1951:970 (in catalog of North American Hymenoptera); Allen, 1995:15 (type in ANSP). – As *Ammoplanellus lenape olamentke*: R. Bohart and Menke, 1976:200 (new generic assignment, in checklist of world Sphecidae); Krombein, 1979b:1611 (in catalog of North American Hymenoptera). – As *Parammoplanus olamentke*: N. Smith, 2010:142 (new generic assignment, new status, in revision of *Parammoplanus*); Ratzlaff, 2016:27 (Canada: British Columbia: from Blades and Maier, 1992 and Scudder, 1994). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

13. *parkeri* N. Smith

Parammoplanus parkeri N. Smith, 2010:130, ♀, ♂. Holotype: ♀, USA: Wyoming: Johnson County: Middlefork Clear Creek (USU). – N. Smith, 2021:173 (in key to females of *Parammoplanus*).

14. *penrosei* N. Smith

Parammoplanus penrosei N. Smith, 2012b:218, ♂. Holotype: ♂, USA: Oklahoma: Comanche County: Wichita Mountains Wildlife Refuge (University of Guelph Entomology Museum). – N. Smith, 2021:171 (description of ♀). – N. Smith, 2021:172 (in key to females of *Parammoplanus*),

15. *succinacius* N. Smith

Parammoplanus succinacius N. Smith, 2010:131, ♀, ♂. Holotype: ♂, USA: California: Inyo County: Westgard Pass (UCD). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

16. *texanus* N. Smith

Parammoplanus texanus N. Smith, 2010:143, ♂. Holotype: ♂, USA: Texas: Edwards County: 14 mi. west of Rocksprings (Texas A & M Univ.).

17. *verrucosus* N. Smith

Parammoplanus verrucosus N. Smith, 2010:132, ♀, ♂. Holotype: ♂, USA: Utah: Garfield County: Wiley Creek (USU). – N. Smith, 2021:173 (in key to females of *Parammoplanus*); Buck and Bennett, 2025:206 (in checklist of

Sphecidae *sensu lato* of Canada, Alaska, and Greenland: first record from Canada: British Columbia: no specific locality).

As *Ammoplanellus apache*: G. Scudder, 1994:75 (in checklist of rare and endangered invertebrates of British Columbia), corrected to *Parammoplanus irwini* and *P. verrucosus* by Buck and Bennett, 2025:206.

18. woolleyi N. Smith

Parammoplanus woolleyi N. Smith, 2010:144, ♀, ♂. Holotype: ♂, USA: Texas: Burnet County: Inks Lake State Park (Texas A & M Univ.). – N. Smith, 2021:172 (in key to females of *Parammoplanus*).

19. yanegai N. Smith

Parammoplanus yanegai N. Smith, 2010:145, ♂. Holotype: ♂, USA: Kansas: Douglas County: Lawrence (Kansas Univ.).

20. zolnerowichi N. Smith

Parammoplanus zolnerowichi N. Smith, 2010:147, ♀, ♂. Holotype: ♀, USA: Texas: Presidio County: Big Bend Ranch 2.8 mi. east La Sauceda (Texas A & M Univ.). – N. Smith, 2021:173 (in key to females of *Parammoplanus*).