

Last updated: 9 May 2025

## PODIUM

*Podium* Fabricius, 1804:183. Type species: *Podium rufipes* Fabricius, 1804, designated by Latreille, 1810:438.

*Talhythibus* Rafinesque-Schmaltz, 1815:125. Substitute name for *Podium* Fabricius, 1804.

*Ammophilus* Perty, 1833:141, junior homonym of *Ammophilus* Latreille, 1829, possibly a lapsus for *Ammophila* W. Kirby, 1798. Type species: *Ammophilus fumigatus* Perty, 1833, designated by Pate, 1837c:7.

*Parapodium* Taschenberg, 1869:423. Type species: *Parapodium biguttatum* Taschenberg, 1869 [= *Podium rufipes* Fabricius, 1804], by monotypy.

Key: Menke, 1974a:152 (*agile* group).

Phylogenetic relationships: Ohl, 1996b.

### 1. *agile* Kohl

*Podium agile* Kohl, 1902:43, ♀. Lectotype: French Guyana: no specific locality (NHMW), designated by Menke, 1974a:150. – Menke, 1974a:150 (in revision of *agile* group of *Podium*); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Dollfuss, 1989:11 (lectotype in NHMW); Ohl, 1996b:216 (in checklist of world *Podium*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); dos Santos, Grandinete, and Noll, 2015:37 (first record from Peru: Ucayali: Pucallpa).

### 2. *angustifrons* Kohl

*Podium angustifrons* Kohl, 1902:51, ♀. Holotype: ♀, “Cayenne” [may be entire French Guyana, or department of Cayenne, or city of Cayenne] (ZMHU). – Richards, 1928a:105 (Guyana), 1937a:105 (Guyana); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Ohl, 1996b:215 (in checklist of world *Podium*; Brazil, Bolivia); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Buschini and Woiski, 2008:355 (Brazil: Parana: Parque Municipal das Araucárias in municipality of Guarapuava); Buschini and Buss, 2014:493 (nesting habits); Buys and Rodrigues, 2014:39 (Brazil: first record from State of Espírito Santo: Santa Teresa).

### 3. *aureosericeum* Kohl

*Podium fumigatum* varietas *aureosericeum* Kohl, 1902:58, sex not stated (as *aureo-sericeum*, incorrect original hyphenation). Holotype or syntypes: Suriname: Paramaribo (ZSBS). – As *Podium fumigatum aureosericeum*: Richards, 1937a:106 (new status, Guiana, as *aurosericeum*); R. Bohart and Menke, 1976:96 (new status, in checklist of world Sphecidae); Ohl, 1996b:216 (in checklist of world *Podium*; British Guiana, French Guiana, Surinam). – As *Podium aureosericeum*: F. Williams, 1928a:127 (new status, Ecuador, gathering mud); Amarante, 2002:70 (in catalog of Neotropical Sphecidae, restored species status), 2005a:8 (in addendum to his 2002 catalog of Neotropical Crabronidae and Sphecidae, reason for species status); Buys, Morato, and Garófalo, 2004:76 (description of larva and prepupa).

### 4. *batesianum* W. Schulz

*Podium batesianum* W. Schulz, 1904c:772, ♂ (as *Batesianum*, incorrect original capitalization). Holotype: ♂, Brazil: Amazon region: no specific locality (ZSBS). – W. Schulz, 1894c:777 (in key to selected *Podium*); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Ohl, 1996b:215 (in checklist of world *Podium*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae).

### 5. *bugabense* Cameron

*Podium bugabense* Cameron, 1888a:27, ♀ (as *Bugabense*, incorrect original capitalization). Holotype or syntypes: ♀, Panama: Bugaba (BMNH or OXUM). – Ashmead, 1899d:355 (in checklist of North American Sphecidae, as

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*bugalense*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae, restored species status); Amarante, 2005a:8 (in addendum to his 2002 catalog of Neotropical Crabronidae and Sphecidae, reason for species status). – **As *Sceliphron bugabense***: Dalla Torre, 1897:379 (new combination, in catalog of world Hymenoptera). – **As *Podium fumigatum* varietas *bugabense***: Kohl, 1902:58 (new status, redescription). – **As *Podium fumigatum bugabense***: W. Schulz, 1904c:777 (new status; Brazil: Amazonas); R. Bohart and Menke, 1976:9 (in checklist of world Sphecidae); Callan, 1990b:19 (in checklist of Trinidad Sphecidae); Ohl, 1996b:216 (in checklist of world *Podium*; Brazil, Colombia, French Guiana, Panama, Surinam); Fernández, 2000:142 (Colombia).

## 6. *chalybaeum* Kohl

*Podium chalybaeum* Kohl, 1902:56, ♀. Syntypes: Mexico: Orizaba: no specific locality (NHMW). – R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Dollfuss, 1989:12 (type series in NHMW); Ohl, 1996b:215 (in checklist of world *Podium*; Colombia, Venezuela); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:669 (in checklist of Mexican Sphecidae).

## 7. *denticulatum* F. Smith

*Podium denticulatum* F. Smith, 1856:236, ♀. Lectotype: ♀, Brazil: no specific locality (BMNH), designated by Menke in R. Bohart and Menke, 1976:96. – Kohl, 1902:92 (original description copied); Bodkin, 1918:315 (Guyana); Richards, 1937a:106 (Guyana); R. Bohart and Menke, 1963:108 (as synonym of *Podium rufipes*), 1976:96 (in checklist of world Sphecidae, as valid species); Camillo, Garófalo, Serrano, and Muccillo, 1995:466 (Brazil, highest nesting frequency in September to April); Camillo et al., 1996:439 (nesting habits); Hanson and Menke, 1995:637 (known from Costa Rica); Ohl, 1996b:215 (in checklist of world *Podium*; Bolivia, Brazil, Ecuador, Panama, Peru, Venezuela); Assis and Camillo, 1997:338-344 (observations in trap nests); Camillo, 2001:1009 (inquiline in unused nests of *Brachymenes dyscherus* de Saussure, Vespidae); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:669 (in checklist of Mexican Sphecidae); Buys, Morato, and Garófalo, 2004:73 (description of larva, cocoon); Rasmussen and Asenjo, 2009:15 (in checklist of Crabronidae of Peru); Ribeiro and Garófalo, 2010:885 (nesting habits); dos Santos, Grandinete, and Noll, 2015:37 (Peru: Ucayali: Pucallpa); Dollfuss, 2016:1152 (locality records from Ecuador); Buys, 2020b:80 (in cladistic analysis of larvae of Sphecidae s.s.); Shibata, Santoni, Oliveira e Silva, and del Lama, 2020:572 (nesting habits, sexual dimorphism, and morphometric variation). – **As *Sceliphron denticulatum***: Dalla Torre, 1897:383 (new combination, in catalog of world Hymenoptera); W. Fox, 1897b:373 (Brazil: Chapada and Santarém).

*Podium brevicolle* Kohl, 1902:62, ♀, ♂. Lectotype: ♀, Brazil: Bahia: Bahia, now Salvador (MNHN), designated by Menke in R. Bohart and Menke, 1976:96. Synonymized with *Podium denticulatum* by Richards, 1937a:106 and by Menke in R. Bohart and Menke, 1976:96 (as new synonym). – W. Schulz, 1904c:778 (Brazil: São Paulo d'Oliveira); Ducke, 1907b:90 (Brazil: Maranhão State: São Luiz de Maranhão); F. Williams, 1928a:127 (Ecuador, gathering mud); Rau, 1933:183 (Panama: Island of Barro Colorado); Fernald, 1942:30 (Guyana: Kartabo, determination tentative); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Dollfuss, 1989:12 (type series in NHMW).

*Podium longipilosellum* Cameron, 1912a:427, ♀. Holotype or syntypes: ♀, Guiana: Demerara: no specific locality (BMNH). Synonymized with *Podium denticulatum* by Richards, 1937a:106 and by Menke in R. Bohart and Menke, 1976:96 (as new synonym).

## 8. *eurycephalum* Ohl

*Podium eurycephalum* Ohl, 1996b:217, ♀. Holotype: ♀, Paraguay: Villarrica (RMNH). – Ohl, 1996b:215 (in checklist of world *Podium*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae).

### 9. *foxii* Kohl

*Podium foxii* Kohl, 1902:53, ♀ (as *Foxii*, incorrect original capitalization). Holotype or syntypes: ♀, Brazil: no specific locality (NHMW). – R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Ohl, 1996b:216 (in checklist of world *Podium*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae).

### 10. *friesei* Kohl

*Podium friesei* Kohl, 1902:96, ♂ (as *Friesei*, incorrect original capitalization). Holotype: ♂, Ecuador: Guayaquil (NHMW). – W. Schulz, 1904c:776 (in key to selected *Podium*); Menke, 1974a:150 (in revision of *agile* group of *Podium*); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Dollfuss, 1989:12 (holotype in NHMW, as *friesei*); Callan, 1990b:19 (in checklist of Trinidad Sphecidae); Hanson and Menke, 1995:637 (known from Costa Rica); Ohl, 1996b:216 (in checklist of world *Podium*; Ecuador, Surinam); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:669 (in checklist of Mexican Sphecidae); Starr and Hook, 2003:22 (in catalog of Aculeata of Trinidad, West Indies); Ohl and Spahn, 2010:52 (in cladistic analysis of Ampulicidae).

### 11. *fulvipes* Cresson

*Podium fulvipes* Cresson, 1865a:136, ♀. Lectotype: ♀, Cuba: no specific locality (ANSP), designated by Cresson, 1916:94. – Ashmead, 1899d:355 (in checklist of North American Sphecidae), 1900:309 (in checklist of Caribbean Hymenoptera); Kohl, 1902:92 (original description copied); W. Schulz, 1903:470 (redescription), 1906:192 (1903 redescription confirmed); Fernald, 1943d:251 (first record from Florida); Alayo Dalmau, 1973:182 (in catalog of Cuban Hymenoptera), 1976:25 (in checklist of Cuban Sphecidae); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); de Zayas, 1981:78 (Cuba); Genaro and Sanchez, 1990a:23 (prey: *Orocharis grylloides* (Pallas), a gryllid); Genaro, 1994a:268 (inquiline in nests of *Sceliphron assimile*, list of prey); Ohl, 1996b:216 (in checklist of world *Podium*; Cuba, Haiti, Mexico); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Portuondo and Fernández, 2004:135 (Cuba: Sierra Maestra); Genaro, 2006:50 (in Catalog of Cuban Sphecidae and Crabronidae: Cuba, Isla de Juventud, first record from Hispaniola, and Mexico); Perez-Gelabert, 2008:241 (in list of arthropods of island of Hispaniola). – **As *Sceliphron fulvipes***: Dalla Torre, 1897:386 (new combination, in catalog of world Hymenoptera); Ashmead, 1900:309 (in checklist of Caribbean Hymenoptera, listed for second time under different generic name).

### 12. *fumigatum* (Perty)

*Ammophilus fumigatus* Perty, 1833:141, ♀. Holotype: ♀, Brazil: Bahia: Bahia, now Salvador (ZSBS). – Diller, 1990:74 (type not located in Zool. Staatssamml. München). – **As *Sceliphron fumigatum***: Dalla Torre, 1897:386 (new combination, in catalog of world Hymenoptera). – **As *Podium fumigatum***: Kohl, 1902:57 (new combination, in revision of *Podium*); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Hanson and Menke, 1995:637 (known from Costa Rica); Ohl, 1996b:216 (in checklist of world *Podium*; Brazil, Ecuador, as *fumigatum fumigatum*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Starr and Hook, 2003:22 (in catalog of Aculeata of Trinidad, West Indies); Buys, Morato, and Garófalo, 2004:76 (prepupa, cocoon); Amarante, 2005a:8 (in addendum to his 2002 catalog of Neotropical Crabronidae and Sphecidae, reason for species status); Buys, 2020b:80 (in cladistic analysis of larvae of Sphecidae s.s.).

### 13. *intermissum* Kohl

*Podium intermissum* Kohl, 1902:64, ♂. Holotype: ♂, Brazil: Rio Grande do Sul: no specific locality (NHMW). – R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Ohl, 1996b:216 (in checklist of world *Podium*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae), 2005a:14 (correction to his 2002 catalog).

### 14. *iridescens* Kohl

*Podium iridescens* Kohl, 1902:60, ♀, ♂. Lectotype: ♀, Mexico: Oaxaca: no specific locality (ZMHU), designated by Menke in R. Bohart and Menke, 1976:96. – Rau, 1943:648 (Mexico: Tamaulipas: Limón); R. Bohart and Menke,

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1976:96 (in checklist of world Sphecidae); Dollfuss, 1989:12 (type series in NHMW); Ohl, 1996b:216 (in checklist of world *Podium*, Mexico); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:669 (in checklist of Mexican Sphecidae).

### 15. *kohlui* Zavattari

*Podium kohlui* Zavattari, 1908:4, ♀ (as *Kohlui*, incorrect original capitalization). Holotype: ♀, Ecuador: Río Santiago valley: no specific locality (Univ. Torino). – R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae, possibly a synonym of *Podium batesianum*); Ohl, 1996b:216 (in checklist of world *Podium*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Rasmussen and Asenjo, 2009:15 (in checklist of Crabronidae of Peru); dos Santos, Grandinette, and Noll, 2015:37 (Peru: Ucayali: Pucallpa).

### 16. *krombeini* Bohart and Menke

*Podium krombeini* Bohart and Menke, 1963:106, ♀, ♂. Holotype: ♂, USA: Texas: Big Bend National Park (USNM). – R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Krombein, 1979b:1576 (in catalog of North American Hymenoptera); Ohl, 1996b:216 (in checklist of world *Podium*, Texas); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:669 (in checklist of Mexican Sphecidae).

### 17. *luctuosum* F. Smith

*Podium luctuosum* F. Smith, 1856:235, ♀. Holotype or syntypes: ♀, USA: North Carolina: no specific locality (BMNH). – Cresson, 1863:319 (in catalog of North American Hymenoptera), 1887:275 (in catalog of North American Hymenoptera); Ashmead, 1899d:355 (in checklist of North American Sphecidae); Kohl, 1902:54 (in revision of *Podium*); Pate, 1949:174 (New York State: Ithaca, prey: *Parcoblatta virginica* (Brunner), an ectobiid cockroach); Murray in Muesebeck, Krombein, and Townes, 1951:980 (in catalog of North American Hymenoptera); Krombein, 1964b:118 (sealing nest with mud), 1976:255 (nesting habits); R. Bohart and Menke, 1963:107 (in revision of Nearctic Sceliphriini); Krombein, 1963f:276 (Maryland: Plimmers Island near Washington, D.C.); Evans, 1964b:244 (description of larva); Krombein, 1967b:255 (nesting habits observed in artificial nests); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Krombein, 1979b:1576 (in catalog of North American Hymenoptera); Radović, 1985:64 (sting apparatus analyzed); Steiner, 1986:95 (references to papers on nesting habits); O'Brien, 1989b:202 (distribution in Michigan); nec Cowan, 1991:183, title (= *Podium rufipes*); Ahlstrom, 1995:106 (in checklist of insects of North Carolina); Ohl, 1996b:216 (in checklist of world *Podium*; District of Columbia, Louisiana, Texas); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario), 29 (distribution within Ontario), 32 (first record from Canada: locality records); McCravy, Bara, Hessler, Luxmore, Stinebaker, and Jenkins, 2009:113 (Illinois: Hancock County: Alice L. Kibbe Life Science Station); Vanoye-Eligio, Meléndez-Ramírez, Ayala, Navarro-Alberto, and Delfín-González, 2015:995 (Mexico: in list of Sphecidae *sensu lato* of Yucatán); Buck and Bennett, 2025:224 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Ontario: no specific locality). – *As Sceliphron luctuosum*: Dalla Torre, 1897:387 (new combination, in catalog of world Hymenoptera).

### 18. *opalinum* F. Smith

*Podium opalinum* F. Smith, 1856:236, ♀. Lectotype: ♀, Jamaica: no specific locality (BMNH), designated by Menke in R. Bohart and Menke, 1976:96. – Cresson, 1863:319 (in catalog of North American Hymenoptera); Ashmead, 1899d:355 (in checklist of North American Sphecidae), 1900:309 (in checklist of Caribbean Hymenoptera, as *opilinum*); Kohl, 1902:94 (original description copied); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Ohl, 1996b:216 (in checklist of world *Podium*; Jamaica); Amarante, 2002:70 (in catalog of Neotropical Sphecidae). – *As Sceliphron opalinum*: Dalla Torre, 1897:388 (new combination, in catalog of world Hymenoptera).

### 19. *plesiosaurus* (F. Smith)

*Trigonopsis plesiosaurus* F. Smith, 1873b:54, ♀. Holotype or syntypes: ♀, Brazil: Amazonas: Ega, now Tefé (BMNH). – **As *Sceliphron plesiosaurus***: Dalla Torre, 1897:388 (new combination, in catalog of world Hymenoptera). – **As *Podium plesiosaurus***: Kohl, 1902:94 (new combination, original description copied); Menke, 1974a:150 (in revision of *agile* group of *Podium*); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Menke, 1994a:13 (Peru: Río Tambopata Reserve 30 km southwest of Puerto Maldonado); Ohl, 1996b:216 (in checklist of world *Podium*); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Rasmussen and Asenjo, 2009:15 (in checklist of Crabronidae of Peru).

### 20. *rufipes* Fabricius

*Podium rufipes* Fabricius, 1804:183, sex not stated. Lectotype: ♀, Guiana: Essequibo (ZMUC), designated by R. Bohart and Menke, 1963:108. – Dahlbom, 1845:434 (in key to *Podium*); Spinola, 1851:51 and 1953:51 (in key to *Podium*); F. Smith, 1856:235 (in catalog of Hymenoptera in British Museum); Cresson, 1863:319 (in catalog of North American Hymenoptera); A. Costa, 1864b:112 (specimen from Mexico in Museo Zoologico di Napoli); Taschenberg, 1869:425 (Brazil: Lagoa Santa; redescription); de Saussure, 1867:36 (redescription, identification tentative); Cresson, 1873:211 (Texas), 1887:275 (in catalog of North American Hymenoptera); Cameron, 1888a:28 (description of ♂); Ashmead, 1899d:355 (in checklist of North American Sphecidae); Kohl, 1902:95 (original description copied); W. Schulz, 1911b:161 (voucher specimens missing in M. Spinola's collection, Torino), 1912:78 (study of type material); Howes, 1917:... (Tropical Wild Life in British Guiana, part 3, Entomological); F. Williams, 1928a:127 (nest sites); Richards, 1937a:105 (references to biological observations of Howes, 1919:33, and of F. Williams, 1928:127); Murray in Muesebeck, Krombein, and Townes, 1951:980 (in catalog of North American Hymenoptera); van der Vecht, 1961a:44 (study of type material, variation); Krombein, 1967b:251 (nesting habits observed in artificial nests), 1970:12 (nesting habits); R. Bohart and Menke, 1963:108 (in revision of Nearctic Sceliphronini); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Krombein, 1979b:1576 (in catalog of North American Hymenoptera); Radović, 1985:64 (sting apparatus analyzed); Steiner, 1986:95 (references to papers on nesting habits); Beyer, Miller, and Fleming, 1987:480 (Tennessee: Humphreys County); Yústiz, 1987:13 (Venezuela: Central Lara Depression); Callan, 1990b:19 (in checklist of Trinidad Sphecidae); Cowan, 1991:183 (Michigan); Amarante, 1993:19 (northeastern Brazil); E. Nielsen, 1993:10 (nesting in other species cells); Morato, 1994:13 (nest parasite: *Xystromutilla asperiventris*, Mutillidae); Ahlstrom, 1995:106 (in checklist of insects of North Carolina); Hanson and Menke, 1995:637 (known from Costa Rica); Ohl, 1996b:216 (in checklist of world *Podium*); Wcislo, 1998:181 (proportions of antennae in relations to parasitic/non-parasitic behavior); Cambra and Santos, 2000:54 (Panama: Parque Nacional Coiba in Isla de Coiba, Pacific Ocean); Morato and O. Campos, 2000:434 (Brazil: Amazonas: 90 km north of Manaus; effects of habitat fragmentation); Morato, 2001:739, 740 (Brazil: Amazonas: 90 km north of Manaus; effects of habitat fragmentation); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:669 (in checklist of Mexican Sphecidae); Starr and Hook, 2003:22 (in catalog of Aculeata of Trinidad, West Indies); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007:48 (Mexico: Tamaulipas); dos Santos, Grandinette, and Noll, 2015:37 (first record from Peru: Ucayali: Pucallpa); Dollfuss, 2016:1152 (locality records from Brazil, French Guyana, and Nicaragua); Field, Gonzalez-Voyer, and Boulton, 2020:7 (evolution of parental care). – **As *Sceliphron rufipes***: Dalla Torre, 1897:389 (new combination, in catalog of world Hymenoptera). – **As *Parapodium rufipes***: Schrottky, 1913a:223 (new combination, Paraguay).

*Parapodium biguttatum* Taschenberg, 1869:423, ♀, ♂. Lectotype: ♂, Venezuela: no specific locality (Halle), designated by Menke in R. Bohart and Menke, 1976:96. Synonymized with *Podium rufipes* by Kohl, 1902:45 (tentatively) and W. Schulz, 1912:78 (definitely). – **As *Sceliphron biguttatum***: Dalla Torre, 1897:379 (new combination, in catalog of world Hymenoptera). – **As *Podium biguttatum***: Kohl, 1902:45 (new combination, in

*Podium*

revision of *Podium*); W. Schulz, 1904c:772 (Brazil: Tefé), 777 (in key to selected *Podium*); Bischoff and von Schulthess, 1937:168 (Escondido on Pilcomayo River).

*Podium carolina* Rohwer, 1911b:556, ♀. Holotype: ♀, USA: North Carolina: Tryon (USNM). Synonymized with *Podium rufipes* by R. Bohart and Menke, 1963:108. – Rohwer, 1912:465 (may be a subspecies of *Podium biguttatum*); Rau, 1937:91 (nesting habits); Brimley, 1938:444 (North Carolina: Tryon); Murray in Muesebeck, Krombein, and Townes, 1951:980 (in catalog of North American Hymenoptera); Krombein, 1953a:333 (North Carolina); Krombein and Evans, 1954:234 (Florida), 1955:233 (Florida); Evans and Lin, 1956a:150 (description of larva); Krombein, 1958f:192 (in supplement to catalog of North American Hymenoptera: description of larva by Evans and Lin, 1956a, reported); Evans, 1959b:149 (addition to larva's description); Krombein, 1958e:147 (nest and prey); L. Davis, 1978:217 (North Carolina: Kill Devil Hills, data from Krombein, 1953a).

**21. *sexdentatum* Taschenberg**

*Podium sexdentatum* Taschenberg, 1869:426, ♀. Holotype or syntypes: ♀, Brazil: Nova Friburgo (Halle). – Kohl, 1902:66 (in revision of *Podium*, description of ♂); R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Ohl, 1996b:216 (in checklist of world *Podium*; Brazil); Morato and O. Campos, 2000:434 (Brazil: Amazonas: 90 km north of Manaus; effects of habitat fragmentation); Morato, 2001:739, 740 (Brazil: Amazonas: 90 km north of Manaus; effects of habitat fragmentation); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Buys, 2009e:279 (Brazil: recorded from Rio de Janeiro State by Taschenberg, 1869 and by Amarante, 2002). – **As *Sceliphron sexdentatum***: Dalla Torre, 1897:386 (new combination, in catalog of world Hymenoptera).

**22. *tau* (Dalla Torre)**

*Pepsis T* Palisot de Beauvois, 1811:117, sex not stated. Not available: Article 11.9.1 (a species-group name must be a word of two or more letters). Syntypes: USA and Dominican Republic (as Saint-Domingue): no specific locality (lost). – **As *Spheg T***: F. Smith, 1856:260 (new combination, in catalog of Hymenoptera in British Museum); Kohl, 1890b:453 (original description copied); Ashmead, 1899d:353 (in checklist of North American Sphecidae).

*Sceliphron tau* Dalla Torre, 1897:391. Substitute name for *Pepsis T*. – Ashmead, 1899d:355 (in checklist of North American Sphecidae), 1900:309 (in checklist of Caribbean Hymenoptera, authorship attributed to Palisot de Beauvois). – **As *Podium tau***: R. Bohart and Menke, 1976:96 (new combination, in checklist of world Sphecidae, authorship attributed to Palisot de Beauvois); Ohl, 1996b:216 (in checklist of world *Podium*; Dominican Republic, Haiti, authorship attributed to Palisot de Beauvois); Portuondo and Fernández, 2004:135 (Cuba: Sierra Maestra and Nipe-Sagua-Baracoa mountains); Amarante, 2005a:14 (correction to his 2002 catalog); Genaro, 2006:50 (in Catalog of Cuban Sphecidae and Crabronidae: Cuba and Hispaniola); Perez-Gelabert, 2008:241 (in list of arthropods of island of Hispaniola).

**23. *trigonopoides* Menke**

*Podium trigonopoides* Menke, 1974a:147, ♀, ♂. Holotype: ♂, Brazil: Santa Catarina: Nova Teutonia (UCD). – R. Bohart and Menke, 1976:96 (in checklist of world Sphecidae); Ohl, 1996b:216 (in checklist of world *Podium*; Argentina, Brazil); Amarante, 2002:70 (in catalog of Neotropical Sphecidae); Buys, 2011a:411 (Brazil: Espírito Santo: Alegre: Fazenda Jerusalém; Minas Gerais: Mar de Hespanha); Rodrigues and Buys, 2013:214 (Brazil: Espírito Santo: Alegre); Buys and Rodrigues, 2014:39 (Brazil: State of Espírito Santo: Alegre).

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Poulton, 1918:xxxvi (Brazil, prey); Alayo Dalmau, 1973:182 (in catalog of Cuban Hymenoptera), 1976:25 (in checklist of Cuban Sphecidae); Al-Ali, 1977:100 (Iraq: Baghdad, obviously in error); Starr and Hook, 2003:22 (in catalog of Aculeata of Trinidad, West Indies); Cambra and Quintero, 2004:471 (*Xystromutilla turrialba* Casal, Mutillidae, reared from nest of *Podium* sp.); Lopes and de Oliveira, 2004:375 (three new species of cockroaches *Chorisoneura*, Blattellidae, found in nests of undetermined *Podium*); Field, Ohl, and Kennedy, 2011:734 (in molecular cladistic analysis of Ammophilini); Silvestre, Demétrio, Trad, de Oliveira Lima, Auko, and de Souza,

*Podium*

2014:70 (Brazil: Mato Grosso do Sul: dry forests in Bodoquena Mountain Range and Brazilian Chaco, two species); Trad and Silvestre, 2017:4 (Brazil: Mato Grosso do Sul, two species); Embergenov, Élmurodova, Amirov and Kimyonazarov, 2022:48 (Caucasus, certainly in error).

**SPECIES DESCRIBED IN *PODIUM* AND TRANSFERRED TO OTHER GENERA**

*albovillosum* Cameron, 1888 = *Penepodium*  
*bellum* Cameron, 1888 = *Penepodium foeniforme* (Perty, 1833)  
*complanatum* F. Smith, 1856 = *Penepodium*  
*consanguineum* F. Smith, 1856 = *Penepodium haematogastrum* (Spinola, 1851)  
*crassipes* Cameron, 1897 = *Dynatus*  
*distinguendum* Kohl, 1902 = *Penepodium*  
*dubium* Taschenberg, 1869 = *Penepodium luteipenne* (Fabricius, 1804)  
*egregium* de Saussure, 1867 = *Penepodium*  
*fallax* Kohl, 1902 = *Penepodium*  
*flavipenne* Latreille, 1809 = *Penepodium luteipenne* (Fabricius, 1804)  
*fumipenne* Taschenberg, 1845 = *Penepodium*  
*gorianum* Lepeletier, 1845 = *Penepodium*  
*haematogastrum* Spinola, 1851 = *Penepodium*  
*latreillei* Spinola, 1851 = *Penepodium luteipenne* (Fabricius, 1804)  
*latro* Kohl, 1902 = *Penepodium*  
*lindneri* Bischoff and von Schulthess, 1937 = *Dynates*  
*maracandicum* Radoszkowski, 1877 = *Prionyx nigropectinatus* (Taschenberg, 1869)  
*mocsaryi* Kohl, 1902 = *Penepodium*  
*nigripes* Westwood, 1832 = *Dynatus*  
*nitidum* Spinola, 1851 = *Penepodium foeniforme* (Perty, 1833)  
*princeps* Kohl, 1902 = *Penepodium*  
*romandinum* de Saussure, 1867 = *Penepodium*  
*rufiventre* Fabricius, 1804 = *Trigonopsis*  
*spretum* Kohl, 1902 = *Penepodium*  
*taschenbergi* Kohl, 1902 = *Penepodium*  
*triste* Kohl, 1902 = *Penepodium*  
*viduatum* Kohl, 1902 = *Penepodium*