

Last updated: 5 July 2010

TACHYTES

Tachytes Panzer, 1806:129. Type species: *Pompilus tricolor* of Fabricius, 1798 [= *Sphex tricolor* Fabricius, 1793 (junior primary homonym of *Sphex tricolor* Schrank, 1781) = *Sphex tricoloratus* Turton, 1801 = *Tachytes obsoletus tricoloratus* (Turton, 1801)], by monotypy.

Lyrops Illiger, 1807a:162. Type species: *Andrena etrusca* Rossi, 1790, by monotypy. – Illiger, 1807b:195 (*Lyrops* Illiger = *Larra* of Jurine).

Tachyptera Dahlbom, 1843:133. Type species: *Apis obsoleta* Rossi, 1792, designated by Patton, 1880b:391. Junior homonym of *Tachyptera* Berge, 1842.

Holotachytes R. Turner, 1917d:10. Type species: *Tachytes dichrous* F. Smith, 1856, by original designation.

Calotachytes R. Turner, 1917d:10. Type species: *Tachytes marshalli* R. Turner, 1912, by original designation.

Tachyoides Banks, 1942:397. Type species: *Tachytes mergus* W. Fox, 1892, by original designation.

Tachyplena Banks, 1942:397. Substitute name for *Tachyptera* Dahlbom, 1843. *Tachyplena* can be also regarded as a new genus name because Banks designated *Tachytes mandibularis* Patton, 1880, as type species (R. Bohart and Menke, 1976:44).

Tachynana Banks, 1942:398. Type species: *Tachytes obscurus* Cresson, 1872 [= *Tachytes chrysopyga obscurus* Cresson, 1872], by original designation.

Revisions: R. Bohart, 1979 (South American species); Guichard, 1994b (Arabian Peninsula).

Keys: Turner, 1916c (Australian species); Alayo Dalmau, 1976:6 (Cuba), R. Bohart, 1994a (North America); T. Li, Cai, and Li, 2008 (China).

Review of biology: Kazenas, 2001b:151.

1. abdominalis (Say)

Larra abdominalis Say, 1823:77, sex not indicated. Syntypes: USA: Arkansas: no specific locality (destroyed). – Le Conte, 1859a:165 (original description copied). – **As *Larrada abdominalis***: Cresson, 1862:237 (new combination, in catalog of North American Hymenoptera), 1868:379 (New Mexico). – **As *Tachytes abdominalis***: Cresson, 1873:217 (new combination, Texas), 1875:715 (Colorado, Nevada, New Mexico), 1876:208 (Utah: Spring Lake); Kohl, 1885a:399 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera), 1892e:248 (in revision of North American *Tachytes*), W. Fox, 1894a:504 (in revision of North American Larrinae); Dalla Torre, 1897:686 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); Cockerell, 1899a:143 (New Mexico); F. Williams, 1914a:153 (in revision of Larrinae of Kansas), 193 (nesting habits); Brimley, 1938:442 (North Carolina: Raleigh); Banks, 1942:426 (in revision of North American *Tachytes*); Brimley, 1942:35 (North Carolina: Cedar Mt.; previous records from North Carolina: Raleigh actually refers to *Tachytes pattoni*); G. Bohart *in* Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Gittins, 1960:136 (Idaho); R. Bohart and Menke, 1976:263 (listed); Krombein, 1979b:1626 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Amarante, 2002:36 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae); Amarante, 2005a:11 (correction to his 2002 catalog); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

2. abercornensis Arnold

Tachytes abercornensis Arnold, 1959:329, ♂. Holotype: ♂, Zambia: Abercorn, now Mbala (BMNH). – R. Bohart and Menke, 1976:263 (listed).

3. *absidatus* R. Bohart

Tachytes absidatus R. Bohart, 1979:448, ♀. Holotype: ♀, Brazil: Mato Grosso: Santa Isabel on Rio Araguaia (CAS). – Amarante, 2002:336 (in catalog of Neotropical Crabronidae).

4. *admirabilis* R. Turner

Tachytes admirabilis R. Turner, 1916d:444, ♀, ♂. Syntypes: Uganda (BMNH). – R. Turner, 1917d:11 (revision; "possibly a local race of *mirus*"). – Arnold, 1923a:183 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:263 (listed).

5. *aeneus* E. Saunders

Tachytes aeneus E. Saunders, 1910:522, ♂ (as *aenea*, incorrect original termination). Syntypes: ♂, Algeria: Biskra (OXUM). – Morice, 1911:99 (Algeria: Biskra). – **As *Tachytes aeneus***: de Beaumont, 1955a:172 (Morocco: Marrakech); Pulawski, 1962b:421 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:263 (listed); Pulawski, 2006:165 (diagnostic characters, locality records from Israel and Morocco).

Tachytes eurous Pulawski, 1962b:423, ♀. Holotype: ♀, Israel: Ejn Aosh, now Hatzeva (originally H. Bytinski-Salz collection, now Tel Aviv University). Synonymized with *Tachytes aeneus* by Pulawski, 2006:165. – de Beaumont, Bytinski-Salz and Pulawski, 1973:7 (Israel); R. Bohart and Menke, 1976:265 (listed).

6. *aestuans* R. Turner

Tachytes aestuans R. Turner, 1916c:302, ♀. Syntypes: Australia: Northern Territory: Hermannsburg; Southern Australia: Killalpanima (BMNH). – R. Bohart and Menke, 1976:263 (listed); Cardale, 1985:237 (in catalog of Australian Sphecidae).

7. *agadiriensis* Nadig

Tachytes agadiriensis Nadig, 1933:83, ♂. Holotype: ♂, Morocco: Agadir (originally coll. Nadig, now Zurich). – de Beaumont, 1955a:172 (Morocco: Marrakech); Pulawski, 1962b:454 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:263 (listed).

8. *alacer* Arnold

Tachytes alacer Arnold, 1960a:470, ♂ (as *alacris*, incorrect original termination). Syntypes: ♂, Zimbabwe: Cashel (SAM). – **As *Tachytes alacer***: R. Bohart and Menke, 1976:263 (listed).

9. *albonotatus* Walker

Tachytes albonotatus Walker, 1871:23, ♀. Holotype or syntypes: ♀, Africa: Red Sea coast: Harkeko (destroyed). – Kohl, 1885a:399 (in checklist of world *Tachytes*); Dalla Torre, 1897:687 (in catalog of world Hymenoptera); Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Harkeko); R. Bohart and Menke, 1976:263 (listed).

10. *alfierii* Pulawski

Tachytes alfierii Pulawski, 1962b:441, ♀, ♂. Holotype: ♀, Egypt: Wadi Digla near Cairo (coll. W. Pulawski). – R. Bohart and Menke, 1976:263 (listed); Kazenas, 1978b:105, 107 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:26 (in checklist of Sphecidae of Kazakhstan and Central Asia).

11. *alvarengai* R. Bohart

Tachytes alvarengai R. Bohart, 1979:448, ♀. Holotype: ♀, Brazil: Goias: Santa Isabel do Morro, Isla Bananal (Universidade Federal de Paraná). – Garcete-Barrett, 2001b:59 (Paraguay: locality records); Amarante, 2002:36 (in catalog of Neotropical Crabronidae).

12. *amazonus* F. Smith

Tachytes amazonus F. Smith, 1856:303, ♀, ♂ (as *amazonum*, incorrect original termination). Lectotype: ♀, Brazil: Amazonas: Villa Nova, now Parintins (BMNH), designated by R. Bohart, 1979:449. – Kohl, 1885a:399 (in check-

- list of world *Tachytes*); Dalla Torre, 1897:687 (in catalog of world Hymenoptera); Alcock, 1975d:197 (nesting habits, male behavior); R. Bohart and Menke, 1976:263 (listed); R. Bohart, 1979:449 (in revision of South American *Tachytes*); Krombein, 1979b:1625 (in catalog of North American Hymenoptera); Callan, 1991a:8 (Trinidad), 1993:42 (nest); Amarante, 1993:19 (ne. Brazil); R. Bohart, 1994a:344 (in key); Hanson and Menke, 1995:639 (known from Costa Rica); Garcete-Barrett, 2001b:59 (Paraguay: locality records); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Amarante, 2002:36 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae); Starr and Hook, 2003:19 (in catalog of Aculeata of Trinidad, West Indies); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).
- Tachytes clypeatus* Taschenberg, 1870:10, ♀. Lectotype: ♀, Brazil: Parana: no specific locality (Halle), designated by R. Bohart, 1979:449. Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Kohl, 1885a:400 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Schrottky, 1903b:178 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); Jörgensen, 1912:292 (Argentina: Mendoza Province); Brèthes, 1913:152 (redescription); Schrottky, 1913a:231 (listed).
- Tachytes scalaris* Taschenberg, 1870:11, ♂. Lectotype: ♂, Argentina: Mendoza: no specific locality (Halle), designated by R. Bohart, 1979:449. Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Kohl, 1885a:406 (in checklist of world *Tachytes*); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); W. Fox, 1899:200 (Brazil: Rio Grande do Sul); Schrottky, 1903b:178 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay), 1913a:231 (listed). – **As *Tachysphex scalaris***: Jörgensen, 1912:291 (new combination, Argentina: Mendoza Province).
- Tachytes rufofasciatus* Cresson, 1873:217, ♂ (as *rufo-fasciata*, incorrect original hyphenation and termination). Holotype: ♂, USA: Bosque County: no specific locality (USNM). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Kohl, 1885a:406 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:247 (in revision of North American *Tachytes*), 1894a:504 (in revision of North American Larrinae); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); H. Smith, 1908b:379 (in revision of Nebraskan Sphecidae); Rohwer, 1909d:202 (Texas: Lee County, variation); F. Williams, 1914a:153 (in revision of Larrinae of Kansas), 199 (nesting habits); Cresson, 1916:96 (type in USNM); Mickel, 1918b:417 (in catalog of Nebraskan Sphecidae); Brimley, 1938:443 (North Carolina: Raleigh, Southern Pines); Banks, 1942:425 (in revision of North American *Tachytes*); Brimley, 1942:35 (North Carolina: Lillington, Murphy); G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); Krombein and Evans, 1954:232 (Florida: Arcadia and Everglades), 1955:231 (Florida: Olga).
- Tachytes fervens* F. Smith, 1873b:57, ♂. Holotype: ♂, Brazil: Amazonas: Ega, now Tefê (BMNH). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Kohl, 1885a:402 (in checklist of world *Tachytes*); Dalla Torre, 1897:690 (in catalog of world Hymenoptera).
- Tachytes dives* Holmberg, 1884:220, ♂, junior primary homonym of *Tachytes dives* Lepeletier de Saint Fargeau, 1845. Holotype: ♂, Uruguay: no specific locality (depository?). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263.
- Tachysphex rufomaculatus* Cameron, 1889a:64, ♀. Holotype or syntypes: ♀, Mexico: Veracruz: Atoyac (BMNH). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Dalla Torre, 1897:685 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae).
- Tachytes holmbergii* Dalla Torre, 1897:690. Substitute name for *Tachytes dives* Holmberg, 1884. Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Schrottky, 1903b:178 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay), 1913a:231 (listed).
- Tachytes nigricaudus* Brèthes, 1909e:241, ♂. Holotype or syntypes: ♂, Paraguay: San Bernardino (MACN). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Schrottky, 1913a:231 (listed).

Tachytes nigricaudus Brèthes, 1909d:241, ♂. Syntypes: ♂, Paraguay: San Bernardino (MACN). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Schrottky, 1913a:231 (listed); Genise, 1990:27 (type material in MACN).

Tachytes fiebrigi Brèthes, 1909d:242, ♂ (as *Fiebrigi*, incorrect original capitalization). Lectotype: ♂, Paraguay: San Bernardino (MACN), designated by R. Bohart, 1979:449. Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Schrottky, 1913a:231 (listed); Genise, 1990:27 (type material in MACN).

Tachytes anisitsi Strand, 1910:164, ♀. Lectotype: ♀, Paraguay: Asunción (ZMHU), designated by R. Bohart, 1979:449. Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263. – Bischoff and von Schulthess, 1937:169 (n. Argentina: Junca viejo).

Tachytes rufoannulatus Strand, 1910:167, ♂. Holotype: ♂, Paraguay: Asunción (ZMHU). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263.

Tachytes tuberculatus Giner Marí, 1944:357, ♀, ♂. Peru: no specific locality (Mus. Barcelona). Synonymized with *Tachytes amazonus* by R. Bohart, 1979:449. – R. Bohart and Menke, 1976:267 (listed).

13. *ambidens* Kohl

Tachytes ambidens Kohl, 1884a:364, ♀. Syntypes: ♀, Russia: Sarepta, now Krasnoarmeysk near Volgograd (NHMW). – Kohl, 1885a:330 (in key to European species), 343 (in revision of European *Tachytes*), 399 (in checklist of world *Tachytes*); Dalla Torre, 1897:687 (in catalog of world Hymenoptera); Kohl, 1898b:98 (description of ♂, as new species); nec Morice, 1911:100 and 1921:824 (= *Tachytes argyreus*); nec R. Turner, 1917d:26 and Arnold, 1923b:200, 1930:5 (= ?, see Pulawski, 1962b:433); nec Kruger, 1929a:21 and 1929b:56 (Libya: Cyrenaica: es Scegga, now Shatib ash Shaqqah, possibly *Tachytes argyreus*); nec Guiglia, 1934b:305 (Libya: bibliography and summary of locality records, = ?); nec Pittioni, 1950:28 (= *Tachytes argyreus thalassinus*); nec de Beaumont, 1957b:136 (= *Tachytes bidens*); Pulawski, 1962b:429 (in revision of Palearctic *Tachytes*); Myartseva, 1963b:58 (Turkmenistan: lower Murgab River), 1965:76 (Turkmenistan: Murgab district); nec Georghiou, 1977:192 (= *Tachytes argyreus thalassinus*); R. Bohart and Menke, 1976:263 (listed); Kazenas, 1978b:105, 107 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:223 (in key to Sphecidae of European part of former USSR); Dollfuss, 1989:13 (holotype in NHMW); Nazarova, 1998:40 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas, 2001:26 (in checklist of Sphecidae of Kazakhstan and Central Asia); K. Schmidt and Bitsch in Bitsch et al., 2001:212 (in Sphecid Fauna of Western Europe), 2002a:62 (geographic distribution, collecting localities in Kazakhstan); Nazarova, 2005:93 (alfalfa fields in southwestern Tajikistan); Kazenas, 2008a:101 (Southeastern Kazakhstan: Ili River valley: 30 km SW Koktal, 30-60 km E Chilik, 10 km NW Chundzha in low course of Charyn River); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China), 158 (China: Xinjiang: Tashkenkuergan County).

Tachytes caucasicus Radoszkowski, 1886a:30, ♀, ♂. Lectotype: ♂, Georgia: Lagodekhi (ZMHU), designated par de Beaumont, 1936b:608 ("nous pouvons donc considérer cet exemplaire comme type"). Synonymized with *Tachytes ambidens* by de Beaumont, 1936b:607. – Radoszkowski, 1892:590 (reference to Radoszkowski, 1886). – **As *Tachysphex caucasicus***: nec Kohl, 1888a:143 (new combination, ♀ = *Tachysphex stachi*, ♂ = *Tachysphex fulvitaris*); Dalla Torre, 1897:678 (in catalog of world Hymenoptera).

14. *andesae* R. Bohart

Tachytes andesae R. Bohart, 1979:450, ♂, ♀. Holotype: ♂, Peru: Cuzco (UCD). Paratypes: Argentina. – Amarante, 2002:336 (in catalog of Neotropical Crabronidae).

15. *andreniformis* Cameron

Tachytes andreniformis Cameron, 1889a:61, sex not indicated. Holotype or syntypes: Mexico: Vera Cruz (BMNH). – Dalla Torre, 1897:687 (in catalog of world Hymenoptera, as *anthreniformis*); Ashmead, 1899d:250 (in checklist of North American Crabronidae); R. Bohart and Menke, 1976:263 (listed); Ruiz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae).

16. *angustiverticis* Wu and Li

Tachytes angustiverticis Wu and Li, 2006a:145, ♂. Holotype: ♂, China: Guangdong: Yunnan: Tongleshan Provincial Nature Reserve (YUNNAN AGRICULTURAL UNIVERSITY, KUNMING). – T. Li, Cai, and Li, 2008: 155 (in key to *Tachytes* of China)

17. *approximatus* R. Turner

Tachytes approximatus R. Turner, 1908:483, ♀, ♂. Syntypes: Australia: Queensland: Mackay (BMNH). – R. Turner, 1910a:348 (in key), 1916c:300 (in revision of Australian *Tachytes*); R. Bohart and Menke, 1976:263 (listed); Cardale, 1985:237 (in catalog of Australian Sphecidae); Naumann, 1993:186 (Australia: Queensland: Heathlands area in Cape York), 1998:186 (Australia: northwest Queensland: Musselbrook area, approximately 18°40'S 138°23'E).

18. *arabicus* Guichard

Tachytes arabicus Guichard, 1994b:218, ♂. Holotype: ♂, Saudi Arabia: Haddat Asham near Jeddah, 22°00'N, 38°30'E (BMNH).

19. *archaeophilus* Pulawski

As *Tachytes freygessneri*: Honoré, 1942:57 (Egypt; partly), corrected to *Tachytes archaeophilus* by Pulawski, 1962b:375.

Tachytes archaeophilus Pulawski, 1962b:373, ♀, ♂. Holotype: ♀, nw. Egypt: Marsa Matruh (originally W. Pulawski coll., now CAS). – de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel); R. Bohart and Menke, 1976:263 (listed); Guichard, 1980:227 (Oman), 1994b:218 (Arabian Peninsula).

20. *argenteovestitus* Cameron

Tachytes argenteovestitus Cameron, 1910b:130, ♀ (as *argenteovestita*, incorrect original termination). Holotype or syntypes: ♀, South Africa: Transvaal: Pietersburg (TMP). – Brauns, 1917:241 (type in TMP); R. Turner, 1917d:23 (revision); Arnold, 1923b:212 (revision), 1930:5 (in checklist of Afrotropical Sphecidae). – As *Tachytes argenteovestitus*: R. Bohart and Menke, 1976:263 (listed).

21. *argenteus* Gussakovskij

Tachytes argentea Gussakovskij, 1933b:279, ♀, ♂ (as *argentea*, incorrect original termination). Lectotype: ♂, Iran: Binjur SE Birjand (ZIN), designated by Pulawski, 1962b:396. – Pulawski, 1962b:396 (in revision of Palearctic *Tachytes*); de Beaumont, 1965a:46 (Greece), 1967a:330 (Turkey); R. Bohart and Menke, 1976:263 (listed); Kazenas, 1978b:106, 109 (in key to Sphecidae of Kazakhstan and Central Asia); Guichard, 1994b:218 (Saudi Arabia: Hail); Kazenas, 2001:26 (in checklist of Sphecidae of Kazakhstan and Central Asia); K. Schmidt and Bitsch in Bitsch et al., 2001:213 (in Sphecid Fauna of Western Europe); Kazenas, 2002a:62 (geographic distribution, collecting localities in Kazakhstan); Ljubomirov and Yildirim, 2008:224 (in catalog of Crabronidae of Turkey).

Tachytes radoszkowskii de Beaumont, 1936b:606, ♂. Holotype: ♂, Turkmenistan: Serax (Kraków). Synonymized with *Tachytes argenteus* by Pulawski, 1962b:396 and 398. – nec Honoré, 1942:57 (= *Tachytes diversicornis*); de Beaumont, 1960a:14 (Greece: Rhodes Island).

22. *argyreus* (F. Smith)

Larrada argyrea F. Smith, 1856:276, "♀" = ♂. Holotype or syntypes: ♂, "Northern India" (possibly Pakistan): no specific locality (BMNH). – As *Larra argyrea*: Kohl, 1885a:241 (new combination, in checklist of world *Larra*); As *Tachysphex argyreus*: Cameron, 1889c:143 (new combination, redescription); Bingham, 1897:194 (redescription); Dalla Torre, 1897:678 (in catalog of world Hymenoptera). – As *Tachytes argyreus*: Pulawski, 1975a:318 (new combination, study of holotype); R. Bohart and Menke, 1976:263 (listed); Guichard, 1994b:218 (Arabian Peninsula); Roche and Zalat, 1994:115 (Egypt: Sinai Peninsula); S. Gupta, 1995:86 (India: Uttar Pradesh); Kazenas, 2001:26 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:62 (geographic distribution, collecting localities in Kazakhstan).

As *Tachytes pygmaea*: Kohl, 1888a:134 (♂ only), corrected to *Tachytes melanopygus* by Pulawski, 1962b:463 and 465.

Tachytes melanopyga A. Costa, 1893a:99, ♀. Holotype or syntypes: ♀, Tunisia: no specific locality (NAPOLI). Synonymized with *Tachytes argyreus* by Pulawski, 1975a:318. – de Beaumont, 1936c:2 (redescription), 1960b:237 (Libya). – **As *Tachytes melanopygus***: Dalla Torre, 1897:691 (in catalog of world Hymenoptera); de Beaumont, 1950d:17 (Egypt: Siwa oasis); Pulawski, 1962b:435 (in revision of Palearctic *Tachytes*); Myartseva, 1972a:77 (Turkmenistan); de Beaumont, Bytinski-Salz and Pulawski, 1973:7 (Israel); R. Bohart and Menke, 1976:263 (listed); Kazenas, 1978b:105, 109 (in key to Sphecidae of Kazakhstan and Central Asia); Nazarova, 1998:40 (Tajikistan: Tigrovaya Balka Nature Reserve), 2005:93 (alfalfa fields in southwestern Tajikistan).

Tachytes melanopyga A. Costa, 1893b:5, ♀. Objective synonym of *Tachytes melanopyga* A. Costa 1893a:99.

Tachysphex debilis Pérez, 1907:498, ♀, ♂. Lectotype: ♀, Bahrain: no specific locality (MNHN), designated by Pulawski, 1971:5. Synonymized with *Tachytes melanopyga* by Pulawski, 1971:5. – Pérez, 1907:496 (Bahrain).

As *Tachytes ambidens* (all records corrected to *Tachytes melanopygus* by Pulawski, 1962b:432): Morice, 1911:100 (Algeria: Biskra), 1921:824 (Iraq: Amara); de Beaumont, 1957b:136 (n. Iran).

As *Tachytes beludzhistanica*: Gussakovskij, 1933b:279 (♂ only), corrected to *Tachytes melanopygus* by Pulawski, 1962b:435.

spp. *thalassinus* Pulawski

Tachytes melanopygus thalassinus Pulawski, 1962b:438, ♀, ♂. Holotype: ♀, Cyprus: Akrotiri (originally W. Pulawski coll., now CAS). – **As *Tachytes argyreus thalassinus***: R. Bohart and Menke, 1976:236 (new subspecific combination, listed).

As *Tachytes ambidens* (present correction to *Tachytes argyreus thalassinus* based on geographic distribution): Pittioni, 1950:25 (Cyprus); Georghiou, 1977:192 (Cyprus).

23. *argyropis* de Saussure

Tachytes argyropis de Saussure, 1887:18, ♀. Holotype or syntypes: ♀, Madagascar: no specific locality (MHNG). – de Saussure, 1892:476 (Madagascar, redescription); Dalla Torre, 1897:687 (in catalog of world Hymenoptera); Kohl, 1909:372 (Madagascar: Imerina, Toamasina, Toliara); von Schulthess *in* Friederichs, 1918a:47 (Madagascar: Antananarivo); Arnold, 1945:108 (Madagascar; revision); Leclercq, 1960a:99 (Madagascar), 1961d:111 (Madagascar); R. Bohart and Menke, 1976:263 (listed); Leclercq, 1990b:118 (Madagascar); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae).

24. *asiagenes* Pulawski

Tachytes asiagenes Pulawski, 1962b:389, ♀, ♂. Holotype: ♀, Tajikistan: Djilikul (ZIN). – R. Bohart and Menke, 1976:236 (listed); Kazenas, 1978b:106, 110 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:26 (in checklist of Sphecidae of Kazakhstan and Central Asia).

25. *assamensis* Cameron

Tachytes assamensis Cameron, 1904f:297, ♀. Holotype or syntypes: ♀, India: Assam: Khasia Hills; or Himachal Pradesh: Simla (OXUM). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:263 (listed).

26. *associatus* R. Turner

Tachytes associatus R. Turner, 1917d:29, ♂ (as *associata*, incorrect original termination). Holotype: ♂, Mozambique: Beira (BMNH). – Arnold, 1923b:206 (revision), 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes associatus***: R. Bohart and Menke, 1976:263 (listed).

27. *astutus* Nurse

Tachytes astutus Nurse, 1909:513, ♂. Lectotype: ♂, India: Madya Pradesh: Jubbulpore, now Jabalpur (BMNH), designated by Pulawski, 1975a:317. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); Tsuneki, 1963c:4 (Thailand; redescription; as *astuti*); Pulawski, 1975a:317 (diagnostic characters); R. Bohart and Menke, 1976:236 (listed); Porter, Stange, and Wang, 1999:8 (in checklist of Sphecidae of Taiwan); Hua, 2006:283 (in list of Chinese insects, geographic distribution); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China).

Tachytes shirozui Tsuneki, 1966g:11, ♀. Holotype: ♀, Taiwan: Nantou Prefecture: Nanshanchi (KYUSHU UNIV.). Synonymized with *Tachytes astutus* by Pulawski, 1975a:317. – Tsuneki, 1967b:43 (Taiwan), 1967i:390 (Taiwan); Haneda, 1971b:30 (Taiwan); Tsuneki, 1971h:8 (Taiwan); Murota, 1973b:118 (Taiwan); Wu and Zhou, 1996a:87 (in revision in Economic Insect Fauna of China).

28. *aureocinctus* Cameron

Tachytes aureocinctus Cameron, 1905j:159, ♀ (as *aureocincta*, incorrect original termination). Holotype: ♀, Malaysia: Sarawak (= Borneo): no specific locality (BMNH). – R. Bohart and Menke, 1976:264 (listed).

29. *aurichalceus* Kohl

Tachytes aurichalceus Kohl in Schletterer, 1891:15, ♀ (as *aurichalcea*, incorrect original termination). Syntypes: ♀, Zaire: Equateur Province (INST. ROY. SCI. NATUR. BRUXELLES), and Sierra Leone (NHMW): no specific localities. – Dalla Torre, 1897:687 (in catalog of world Hymenoptera); R. Turner, 1917d:20 (revision; Ghana, Malawi, Nigeria, Sierra Leone, Zaire: Katanga, Zambia, Zimbabwe); Arnold, 1923b:202 (revision), 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes aurichalceus***: R. Bohart and Menke, 1976:264 (listed); Dollfuss, 1989:13 (type material in NHMW), 1990:122 (Central African Republic).

30. *auricomans* Bradley

Tachytes auricomans Bradley, 1919b:298, ♂. Holotype: ♂, USA: Georgia: Oglethorpe (CORNELL UNIV.). – Banks, 1942:414 (in revision of North American *Tachytes*, as *auricomanes*); G. Bohart in Muesebeck et al., 1951:947 (as new synonym of *Tachytes distinctus*); R. Bohart in Bohart and Menke, 1976:264 (listed, revised status); Krombein, 1979b:1622 (in catalog of North American Hymenoptera); R. Bohart, 1994a:343 (in key to North American *Tachytes*).

As *Tachytes distinctus*: H. Smith, 1908b:377 (in revision of Nebraskan Sphecidae); Mickel, 1918b:416 (in catalog of Nebraskan Sphecidae).

31. *aurifex* F. Smith

Tachytes aurifex F. Smith, 1858a:101, ♀. Holotype or syntypes: ♀, Malaysia: Sarawak: no specific locality (OXUM). – Cameron, 1889c:135 (generic assignment uncertain); Kohl, 1885a:399 (in checklist of world *Tachytes*); Dalla Torre, 1897:687 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:264 (listed).

32. *auripes* Berland

Tachytes auripes Berland, 1942:3, ♀. Holotype: ♀, Zaire: no specific locality (MNHN). – R. Bohart and Menke, 1976:264 (listed).

33. *aurovestitus* F. Smith

Tachytes aurovestitus F. Smith, 1873b:58, ♀ (as *auro-vestitus*, incorrect original hyphenation). Holotype: ♀, Brazil: Amazonas: Ega, now Tefé (BMNH). – Kohl, 1885a:399 (in checklist of world *Tachytes*, misspelled *aurovestitus*); Dalla Torre, 1897:687 (in catalog of world Hymenoptera, misspelled *aurovestitus*); Strand, 1910a:163 (Paraguay); Bischoff and Schulthess, 1937:169 (Bolivia: Fortin Esteros); R. Bohart and Menke, 1976:264 (listed); R. Bohart, 1979:451 (in revision of South American *Tachytes*); Amarante, 2002:36 (in catalog of Neotropical Crabronidae).

34. *aurulentus* (Fabricius)

Larra aurulenta Fabricius, 1804:220, sex not indicated. Holotype: ♀, USA: "Carolina": no specific locality (MNHN, Bosc coll.). – **As *Lyrops aurulenta***: Say, 1837:371 (new combination, listed); Le Conte, 1859:755 (reprint of Say, 1837:371). – **As *Tachytes aurulentus***: F. Smith, 1856:306 (new combination, in catalog of Hymenoptera in British Museum); Kohl, 1885a:400 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:245 (in revision of North American *Tachytes*), 1894a:503 (in revision of North American Larrinae); Dalla Torre, 1897:687 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Viereck, 1903d:120 (Maryland: College Park); Rohwer, 1909d:201 (Texas: Lee County, variation); Brimley, 1938:442 (North Carolina: Buncombe County westward); Banks, 1942:418 (in revision of North American *Tachytes*) [**was his interpretation correct?**]; G. Bohart in Muesebeck et al., 1951:945 (in catalog of North American Hymenoptera); Krombein, 1953b:124 (visiting flowers of *Pluchea* sp.), 132 (North Carolina: Kill Devil Hills); van der Vecht, 1961a:11 (study of type, interpretation of the name); Pulawski, 1962b:407 (as subspecies of *Tachytes etruscus*; Evans and Kurczewski, 1966:329 (nesting habits); R. Bohart and Menke, 1976:264 (listed); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953b); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:343 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Buck, 2004:25 (in checklist of Crabronidae of Ontario, Canada).

Tachytes mandibularis Patton, 1880:393, ♀, ♂. Lectotype: ♀, USA: Connecticut: New Heaven (ANSP), designated by Cresson, 1928:45. Synonymized with *Tachytes aurulentus* by van der Vecht, 1961a:12. – Kohl, 1885a:403 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:237 (in revision of North American *Tachytes*), 1894a:501 (in revision of North American Larrinae); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); H. Smith, 1908b:378 (in revision of Nebraskan Sphecidae); Rohwer, 1909d:201 (Texas: Lee County); F. Williams, 1914a:152 (in revision of Larrinae of Kansas), 198 (nesting habits); Rohwer, 1916b:686 (in catalog of Hymenoptera of Connecticut); Mickel, 1918b:415 (in catalog of Nebraskan Sphecidae); J.Ch. Bradley, 1928:1009 (in catalog of Hymenoptera of New York); Dow, 1930b:182 (prey); Brimley, 1938:443 (North Carolina: Goldsboro, Marrion, Maysville, Raleigh, Harnet County); Banks, 1942:410 (in revision of North American *Tachytes*); Brimley, 1942:35 (North Carolina: Bryson City, Flat Rock, Toxaway); Strandtmann, 1945a:305 (nest and prey); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Krombein, 1951a:143 (Virginia: Dunn Loring; visiting tulip-tree honeydew), 1953a: 298 (visiting flowers of *Cephalanthus occidentalis*), 329 (North Carolina); Kurczewski and Kurczewski, 1963:146 (Pennsylvania: Presque Isle State Park); C. Lin, 1967a:243 (review of nesting habits); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a).

Tachytes propinquus Rohwer, 1909d:198, ♀. Holotype: ♀, USA: Colorado: Boulder (USNM). Synonymized with ... – J.Ch. Bradley, 1928:1009 (in catalog of Hymenoptera of New York: Van Cort. Pk.); Noonan, 1984:6 (a syntype in Milwaukee Public Museum).

Tachytes duplicatus Rohwer, 1920a:59, ♀. Holotype: ♀, USA: Florida: Inverness (USNM). Synonymized with ... by ..

35. *badius* Banks

Tachytes badius Banks, 1942:417, ♀. Holotype: ♀, USA: Texas: Comal County: Anhalt (MCZ). – G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:264 (listed); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Amarante, 2002:36 (in catalog of Neotropical Crabronidae).

36. *bakeri* Williams

Tachytes bakeri Williams, 1928a:90, ♀, ♂. Holotype: ♀, Philippines: Mindanao: Surigao (BISHOP). – Baltazar, 1966:328 (in catalog of Hymenoptera of Philippines); R. Bohart and Menke, 1976:264 (listed).

37. *basilicus* (Guérin-Méneville)

Lyrops basilicus Guérin-Méneville, 1844:440, ♀. Holotype: ♀, Senegal: no specific locality (MSNG). – Guiglia, 1948b:179 (type in Genova). – **As *Tachytes basilica***: F. Smith, 1856:300 (new combination, in catalog of Hymenoptera in British Museum); Kohl, 1885a:400 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Ferton, 1912a:364 (Algeria: La Calle; prey: acridids); R. Turner, 1917d:11 (revision; Nigeria); Arnold, 1923:187 (original description copied), 1930:4 (in checklist of Afrotropical Sphecidae); Berland, 1942:3 (Senegal: Dakar; Niger: Zinder area); Arnold, 1951:146 (Mali: Tillembeya). – **As *Tachytes basilicus***: Margretti, 1884a:250 (Sudan), 1884c:586 (Sudan: Kassala), 1906:20 (Eritrea); Pulawski, 1962b:416 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:264 (listed); Pulawski, 2006:166 (diagnostic characters).

Tachytes superbiens Morice, 1911:97, ♀, ♂. Lectotype: ♀, Algeria: Bône (OXUM), designated by Pulawski, 1962b:420. Synonymized with *Tachytes basilicus* by Pulawski, 1962b:416 and 420. – Longstaff, 1911:125 (Sudan: Khartoum).

Tachytes rostratus Berland, 1942:6, ♂ (as *rostrata*, incorrect original termination). Holotype: ♂, Chad: Moyen Chari: Fort Archambault, now Sarh (MNHN). Synonymized with *Tachytes basilicus* by Pulawski, 2006:165. – **As *Tachytes rostratus***: R. Bohart and Menke, 1976:266 (listed).

Tachytes guichardi Arnold, 1951:146, ♂. Holotype: ♂, Senegal: Dakar (BMNH). Synonymized with *Tachytes basilicus* by Pulawski, 1975a:317.

38. *beludzhistanicus* Gussakovskij

Tachytes beludzhistanicus Gussakovskij, 1933b:278, ♀, ♂ (♂ = *Tachytes argyrius*), as *beludzhistanica*, incorrect original termination). Lectotype: ♀, Iran: Baluchistan: Gurmuk (ZIN), designated by Pulawski, 1962b:444. – Pulawski, 1962b:443 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:264 (listed).

39. *bidens* Gussakovskij

Tachytes bidens Gussakovskij, 1952:232, ♀, ♂. Lectotype: ♀, Turkmenistan: Askhabad (ZIN), designated by Pulawski, 1962b:440. – Pulawski, 1962b:438 (in revision of Palearctic *Tachytes*); Myartseva, 1963b:58 (Turkmenistan: lower Murgab River, as *bidens* Kohl)1965:76 (Turkmenistan: Akibay), 1972a:77 (Turkmenistan); R. Bohart and Menke, 1976:264 (listed); Kazenas, 1978b:105, 107 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 153 (review of known biology: preying on caterpillars of Geometridae and Noctuidae), 2002a:63 (geographic distribution, collecting localities in Kazakhstan), 2008a:101 (Southeastern Kazakhstan: Boguty Mountains).

As *Tachytes ambidens*: de Beaumont, 1957b:136 (n. Iran), corrected to *Tachytes bidens* by Pulawski, 1962b:438 and 440.

40. *bimetallicus* R. Turner

Tachytes bimetallica R. Turner, 1917d:21, ♀ (as *bimetallica*, incorrect original termination). Holotype: ♀, South Africa: Cape Province: Hex River (SAM). – Arnold, 1923b:202 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes bimetallicus***: R. Bohart and Menke, 1976:264 (listed).

41. *birkmanni* Rohwer

Tachytes birkmanni Rohwer, 1909d:199, ♀. Holotype or syntypes: ♀, USA: Texas: Lee County: no specific locality (USNM). – Banks, 1942:427 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:264 (listed); Krombein, 1979b:1626 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Amarante, 2002:36 (in catalog of Neotropical Crabronidae).

As *Tachytes obscuranus*: Rohwer, 1909d:205 (♂ only), corrected to *Tachytes birkmanni* by.

Tachytes atomus Banks, 1942:433, ♀. Holotype: ♀, USA: Arizona: Tempe (MCZ). Synonymized with *Tachytes birkmanni* by R. Bohart in Bohart and Menke, 1976:264. – G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera).

42. *biskrensis* E. Saunders

Tachytes biskrensis E. Saunders, 1910:521, ♀, ♂. Syntypes: Algeria: Biskra (OXUM, BMNH). – Morice, 1911:99 (Algeria: Biskra); Pulawski, 1962b:381 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:264 (listed); Roche and Zalot, 1994:115 (Egypt: Sinai Peninsula).

43. *bilunaris* Tsuneki

Tachytes bilunaris Tsuneki, 1982a:33, ♀. Holotype: ♀, Bismarck Archipelago: New Ireland: Kalili Bay: Danu (ZMK).

44. *braunsi* R. Turner

Tachytes braunsi R. Turner, 1917f:292, ♀, ♂. Syntypes: South Africa: Cape Province: Willowmore (TMP). – Arnold, 1923b:211 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:264 (listed).

45. *breddoi* Arnold

Tachytes breddoi Arnold, 1947:155, ♂. Syntypes: Zambia: Buleya and Mweru (SAM). – R. Bohart and Menke, 1976:264 (listed).

46. *brevicornis* Tsuneki

Tachytes brevicornis Tsuneki, 1976b:52, ♀, ♂. Holotype: ♀, Philippines: Palawan: Uring Uring (ZMK). – Tsuneki, 1983a:54 (Philippines: Mindanao; taxonomic comments).

47. *brevipennis* Cameron

Tachytes brevipennis Cameron, 1900a:22, ♀. Lectotype: ♀, India: Bengal: Barrackpore (BMNH), designated by Pulawski, 1975a:315. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Turner, 1917e:200 (India: Bihar: Chapra); Pulawski, 1975a:315 (diagnostic characters); R. Bohart and Menke, 1976:264 (listed).

Tachytes maculitarsis Cameron, 1900a:24, ♂. Syntypes: India: Bengal: Barrackpor (OXUM). Synonymized with *Tachytes brevipennis* by Pulawski, 1975a:315. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); Tsuneki, 1974b:619 (Thailand; description of ♀).

48. *brevis* Walker

Tachytes brevis Walker, 1871:24, ♀. Holotype or syntypes: ♀, Djibouti: Tajura (destroyed). – Kohl, 1885a:400 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected R. Bohart and Menke, 1976:264 (listed).

49. *brunneomarginatus* Arnold

Tachytes brunneomarginatus Arnold, 1947:153, ♀ (as *brunneomarginata*, incorrect original termination). Syntypes: Zambia: Mupulungu (SAM). – R. Bohart and Menke, 1976:264 (listed).

50. *brunneus* Pulawski

Tachytes brunneus Pulawski, 1962b:409, ♂. Holotype: se. Egypt: Gebel Elba (W. Pulawski coll.). – R. Bohart and Menke, 1976:264 (listed).

51. *bulawayoensis* Bischoff

Tachytes bulawayoensis Bischoff, 1913c:68, ♀. Holotype: ♀, Zimbabwe: Bulawayo (ZMHU). – R. Turner, 1917d:23 (revision; Zambia); Arnold, 1923b:211 (revision), 1929c:389 (description of ♂), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:264 (listed).

52. *californicus* R. Bohart

Tachytes californicus R. Bohart, 1962b:125, ♂, ♀. Holotype: ♂, USA: California: Yolo County: Davis (CAS). – R. Bohart and Menke, 1976:264 (listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); Rust, Menke, and Miller, 1985:46 (California: Channel Islands); R. Bohart, 1994a:345 (in key to North American *Tachytes*).

53. *cameronianus* Morice

Tachytes cameronianus Morice, 1897:305, ♂ (as *cameroniana*, incorrect original termination). Lectotype (specimen designated by Morice as type): ♂, Egypt: Zeitun near Cairo (OUM), designated by Pulawski, 1962b:447 (OUM). – Honoré, 1942:57 (Egypt); Pulawski, 1962b:445 (in revision of Palearctic *Tachytes*); de Beaumont, Bytynski-Salz and Pulawski, 1973:7 (Israel); R. Bohart and Menke, 1976:264 (listed); Roche, 1981:2 (in checklist of Sphecidae of United Arab Emirates); Guichard, 1994b:218 (Arabian Peninsula).

54. *carinatus* Berland

Tachytes carinatus Berland, 1942:5, ♀ (as *carinata*, incorrect original termination). Holotype: ♀, Mali: Douentza (MNHN). – As *Tachytes carinatus*: R. Bohart and Menke, 1976:264 (listed).

55. *catamarcae* R. Bohart

Tachytes catamarcae R. Bohart, 1979:452, ♂. Holotype: ♂, Argentina: Catamarca: El Alto (Inst. M. Lillo). – Amaranter, 2002:336 (in catalog of Neotropical Crabronidae).

56. *cataractae* Arnold

Tachytes cataractae Arnold, 1923b:208, ♂. Holotype: ♂, Zimbabwe: Victoria Falls (SAM). – Arnold, 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:264 (listed).

57. *catarinae* R. Bohart

Tachytes catarinae R. Bohart, 1979:452, ♂, ♀. Holotype: ♂, Argentina: Entre Ríos: Pronunciamento (UCD). – Amaranter, 2002:336 (in catalog of Neotropical Crabronidae).

58. *celsissimus* R. Turner

Tachytes celsissimus R. Turner, 1917e:202, ♀, ♂. Syntypes: India: Shillong in Khasia Hills (BMNH). – R. Bohart and Menke, 1976:264 (listed); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China), 158 (first record from China: Fujian: Shanghangbuyan Village).

59. *cephalotes* Walker

Tachytes cephalotes Walker, 1871:23, ♂. Holotype or syntypes: ♂, Red Sea coast of Africa: Harkeko (lost). – Kohl, 1885a:400 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Magretti, 1906:15 (Eritrea); Innes Bey, 1912:111 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected in Harkeko); R. Bohart and Menke, 1976:264 (listed).

60. *ceratophorus* Pulawski

Tachytes ceratophorus Pulawski, 1962b:447, ♀, ♂. Holotype: ♀, Iran: Baluchistan: SW Iranshar (Stuttgart). – de Beaumont, 1970c:15 (Iran: Baluchistan); R. Bohart and Menke, 1976:264 (listed).

61. *chelatus* R. Bohart

Tachytes pepticus chelatus R. Bohart, 1962b:120, ♂, ♀. Holotype: ♂, USA: Arizona: Willcox (CAS). – **As *Tachysphex chelatus***: R. Bohart and Menke, 1976:264 (new status, listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); not included in R. Bohart, 1994a..

62. *chilensis* (Spinola)

Larra chilensis Spinola, 1851a:324, ♀, ♂. Holotype: ♂, no specific locality (TORINO); designation of lectotype (a ♀) by R. Bohart in Bohart and Menke, 1976:264, was illegal. – **As *Lyrops chilensis***: Casolari and Casolari Moreno, 1980:113 (new combination, specimens in M. Spinola collection); Pagliano, 2008:548 (lectotype in M. Spinola collection, Torino). – **As *Tachysphex chilensis***: Gutiérrez, 1940:34 (erroneous new combination; Chile: Río Blanco). – **As *Tachytes chilensis***: F. Smith, 1856:304 (new combination, in catalog of Hymenoptera in British Museum); de Saussure, 1867:71 (Chile, redescription); Kohl, 1885a:400 (in checklist of world *Tachytes*); Reed, 1894:630 (revision); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Brèthes, 1910b:145 (Chile); W. Schulz, 1911b:196 (redescription); Jörgensen, 1912:293 (Argentina: Mendoza Province); Brèthes, 1913:151 (first record from Argentina); Herbst, 1921b:112 (specimens of Brèthes, 1910, are *Tachytes dichrous*); Ruíz Pereira, 1942:32 (common to Chile and Argentina); R. Bohart and Menke, 1976:264 (listed); R. Bohart, 1979:453 (in revision of South American *Tachytes*; Chile, Argentina, Uruguay); Nascimento and Overal, 1980:12 (Chile); Sielfeld, 1981b:72 (in checklist of Chilean Sphecidae); Amarante, 2002:36 (in catalog of Neotropical Crabronidae).

Larra gayi Spinola, 1851a:324, ♀, ♂ (as *Gayi*, incorrect original capitalization). Lectotype: ♂, Chile: no specific locality (TORINO), designated by R. Bohart in Bohart and Menke, 1976:264. Synonymized with *Tachytes dichrous* by Herbst, 1921c:113. – Dalla Torre, 1897:690 (in catalog of world Hymenoptera). – **As *Lyrops gayi***: Casolari and Casolari Moreno, 1980:113 (new combination, specimens in M. Spinola collection); Pagliano, 2008:546 (lectotype in M. Spinola collection, Torino). – **As *Tachytes gayi***: de Saussure, 1867:70 (new combination, Chile, redescription); Kohl, 1885a:402 (in checklist of world *Tachytes*); Reed, 1894:631 (revision); Brèthes, 1910b:145 (Chile); W. Schulz, 1911b:197 (redescription); Jörgensen, 1912:293 (Argentina: Mendoza Province); Ruíz Pereira, 1942:32 (common to Chile and Argentina).

Tachytes spinolae Reed, 1894:453, ♀. Syntypes: Chile: "Provincias centrales" (MCZ). Synonymized with *Tachytes dichrous* by Herbst, 1921c:113.

Tachytes mimeticus Schrottky, 1909b:250, [♀]. Holotype or syntypes: Argentina: Catamarca: no specific locality (depository unknown). Synonymized with *Tachytes amazonus* by R. Bohart in Bohart and Menke, 1976:263, and with *Tachytes chilensis* by R. Bohart, 1979:453. – Schrottky, 1913a:231 (listed); Amarante, 2005a:11 (correction to his 2002 catalog).

Tachytes dichrous Herbst, 1921:113, ♀, junior primary homonym of *Tachytes dichrous* F. Smith, 1856. Syntypes: Chile: no specific locality (MCZ). Synonymized with *Tachytes chilensis* by R. Bohart in Bohart and Menke, 1976:264. – Ruíz Pereira, 1937:164 (Chile: Coquimbo Province); Zapata, 1974:37 (Chile: Lampa near Santiago, as *dichrus*). – **As *Ancistromma dichrous***: Jaffuel and Piri6n, 1926:376 (new combination, Chile: valle de Marga Marga); Gazulla and Ruíz Pereira, 1929:300 (Chile: Hacienda de "Las Mercedes").

63. *chivensis* Pulawski

Tachytes chivensis Pulawski, 1962b:433, ♀, ♂. Holotype: Uzbekistan: Khiva-Akmechet (ZIN). – Myartseva, 1963b:58 (Turkmenistan: lower Murgab River); R. Bohart and Menke, 1976:264 (listed); Kazenas, 1978b:105, 107 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia).

64. *chrysocercus* Rohwer

Tachytes chrysocercus Rohwer, 1911b:581, ♀. Holotype: ♀, Mexico: Chihuahua: "Meadow Valley" (USNM). – R. Bohart and Menke, 1976:264 (listed); R. Bohart, 1979:454 (in revision of South American *Tachytes*; sw. USA to

Colombia); Krombein, 1979b:1625 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Amarante, 2002:36 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

Tachytes elongatus var. *apache* Banks, 1942:419, ♂. Holotype: ♂, USA: Arizona: Patagonia or Apache (MCZ). Synonymized with *Tachytes chrysocercus* by R. Bohart in Bohart and Menke, 1976:264. – **As *Tachytes elongatus apache***: G. Bohart in Muesebeck et al., 1951:945 (new status, in catalog of North American Hymenoptera).

65. *chrysopyga* (Spinola)

Lyrops chrysopyga Spinola, 1841:112, ♀. Lectotype: ♀, French Guiana: Cayenne (Torino), designated by R. Bohart in Bohart and Menke, 1976:264, and R. Bohart, 1979:455 (here illegally). – Casolari and Casolari Moreno, 1980:113 (specimens in M. Spinola collection); Pagliano, 2008:547 (lectotype in M. Spinola collection, Torino). – **As *Tachytes chrysopyga***: Kohl, 1885a:400 (new combination, in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera, as *chrysopygus*); Evans, 1972b:15 (Caribbeans: Dominica Island; nesting habits); Alayo Dalmau, 1976:21 (in checklist of Cuban Sphecidae); R. Bohart and Menke, 1976:264 (listed); R. Bohart, 1979:455 (in revision of South American *Tachytes*, nominotypical subspecies: Argentina to Mexico); Callan, 1991a:8 (Trinidad); Snelling, 1992:14 (Virgin Islands: Guana Island); Snelling, 1993:18 (British Virgin Islands: Guana Island), 19 (same: Mona Island); Hanson and Menke, 1995:639 (known from Costa Rica); Cambra and Santos, 2000:56 (Panama: Parque Nacional Coiba in Isla de Coiba, Pacific Ocean); Garcete-Barrett, 2001b:60 (Paraguay: locality records); Amarante, 2002:36 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae); Starr and Hook, 2003:19 (in catalog of Aculeata of Trinidad, West Indies); Portuendo and Fernández, 2004:135 (Cuba: Sierra Maestra and Nipe-Sagua-Baracoa mountains); Genaro, 2006:55 (in checklist of Cuban Sphecidae and Crabronidae; also: North America, Isla de la Juventud, Jamaica, Guana Island, Mona Island, Puerto Rico, St. Thomas, St. Vincent, St. Lucia, Grenaa, Dominica, Trinidad, Mexico to Argentina); Coelho, Hastings, Holliday, and Mendell, 2008:59 (is a relatively small wasp that carries relatively large prey to its burrows).

Tachytes columbianus de Saussure, 1867:70, ♀. Holotype or syntypes: ♀, Venezuela: Caracas (MHNG). Synonymized with *Tachytes chrysopyga* by R. Bohart in Bohart and Menke, 1976:264. – Kohl, 1885a:400 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); W. Schulz, 1911b:193 (additional description).

Tachytes argentipes Cameron, 1889a:62, sex not indicated, junior primary homonym of *Tachytes argentipes* F. Smith, 1856. Holotype or syntypes: ♀, Panama: Bugaba (BMNH). Synonymized with *Tachytes chrysopyga* by R. Bohart in Bohart and Menke, 1976:264. – Ashmead, 1899d:250 (in checklist of North American Crabronidae); Holland, 1917:295 (Cuba: Isla de Pinos, now Isla de la Juventud: Nueva Gerona, as *argenteipes*); Cheesman, 1929:151 (Panama: Taboga Island).

Tachytes argenticrus Dalla Torre, 1897:687. Substitute name for *Tachytes argentipes* Cameron, 1889. Synonymized with *Tachytes chrysopyga* by R. Bohart in Bohart and Menke, 1976:264.

ssp. argentipes F. Smith

Tachytes argentipes F. Smith, 1856:306, ♀. Holotype or syntypes: ♀, Caribbean Islands: St. Vincents (BMNH). – Cresson, 1862:238 (in catalog of North American Hymenoptera); Kohl, 1885a:399 (in checklist of world *Tachytes*); Dalla Torre, 1897:687 (in catalog of world Hymenoptera); Ashmead, 1900:227 (Lesser Antilles: Grenada and St. Vincent Islands), 306 (in checklist of Caribbean Hymenoptera). – **As *Tachytes chrysopyga argentipes***: R. Bohart in Bohart and Menke, 1976:264 (new status, listed).

Tachytes insularis Cresson, 1865a:140, ♀, ♂. Lectotype: ♀, Cuba: no specific locality (ANSP), designated by Cresson, 1916:95. Synonymized with *Tachytes chrysopyga argentipes* by R. Bohart in Bohart and Menke, 1976:264. – Dewitz, 1881:203 (Puerto Rico); Kohl, 1885a:403 (in checklist of world *Tachytes*); W. Fox, 1891d:342 (Jamaica);

Dalla Torre, 1897:691 (in catalog of world Hymenoptera); Ashmead, 1900:306 (in checklist of Caribbean Hymenoptera); W. Schulz, 1911b:194 (comparison with *Tachytes columbianus*); Alayo Dalmau, 1973:177 (in catalog of Cuban Hymenoptera); de Zayas, 1981:77 (Cuba); Alayo Soto, 1982:6 (prey).

ssp. *obscurus* Cresson

Tachytes obscurus Cresson, 1873:217, ♀. Lectotype: ♀, USA: Texas: Bosque County: no specific locality (ANSP), designated by Cresson, 1916:96. – Kohl, 1885a:405 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:249 (in revision of North American *Tachytes*), 1894a:504 (in revision of North American Larrinae); Dalla Torre, 1897:692 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Viereck, 1903d:120 (Maryland: College Park); Hart, 1907:256 (Illinois); Rohwer, 1909d:202 (Texas: Lee County; variation); F. Williams, 1914a:154 (in revision of Larrinae of Kansas); Mickel, 1918b:417 (in catalog of Nebraskan Sphecidae); Rau, 1922:27 (USA: Missouri: Wickes); Brimley, 1938:443 (North Carolina: statewide); Banks, 1942:426 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); Krombein, 1963f:273 (Maryland: Plummers Island near Washington, D.C.); Kurczewski and Kurczewski, 1971:134 (prey: *Lithoscirtus* sp., an acridid); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae). – **As *Tachytes chrysopyga obscurus***: R. Bohart in Bohart and Menke, 1976:264 (new status); Krombein, 1979b:1626 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas); Lechner, 2007:323 (prey in Iowa: *Oecanthus fultoni* Walker, a tree cricket).

Tachytes texanus Cresson, 1873:217, ♂. Lectotype: ♂, USA: Texas: no specific locality (ANSP), designated by Cresson, 1916:96. Synonymized with *Tachytes obscurus* by Ashmead, 1899d:250 and with *Tachytes chrysopyga obscurus* by R. Bohart in Bohart and Menke, 1976:264 (as new synonym). – Cresson, 1887:277 (in catalog of North American Hymenoptera); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Bridwell, 1899:209 (Kansas: no specific locality).

Tachytes hirsutifrons Banks, 1942:430, ♂. USA: Arizona: Tempe (MCZ). Synonymized with *Tachytes chrysopyga obscurus* by R. Bohart in Bohart and Menke, 1976:264. – G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera).

ssp. *staegeri* Dahlbom

Tachytes staegeri Dahlbom, 1845:456, ♂ (as *Staegeri*, incorrect original capitalization). Holotype: ♂, Argentina: Buenos Aires (LUND). – Kohl, 1885a:407 (in checklist of world *Tachytes*); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Schrottky, 1903b:178 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); Brêthes, 1913:152 (as probable synonym of *Tachytes apiformis*); Schrottky, 1913a:231 (listed). – **As *Tachytes chrysopyga staegeri***: R. Bohart in Bohart and Menke, 1976:264 (new status, listed); R. Bohart, 1979:456 (in revision of South American *Tachytes*; Argentina, Paraguay, Brazil); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

66. *chudeaui* Berland

Tachytes chudeaui Berland, 1942:3, ♀ (as *Chudeaui*, incorrect original capitalization). Holotype: ♀, Mali: Niafunké near Toumbouctou (MNHN). – R. Bohart and Menke, 1976:264 (listed); Pulawski, 2006:166 (diagnostic characters, locality records from Burkina Faso and Niger).

Tachytes decorsei Berland, 1942:7, ♂ (as *Decorsei*, incorrect original capitalization). Holotype: ♂, Mali: Douentza (MNHN). Synonymized with *Tachytes chudeaui* by Pulawski, 2006:166. – R. Bohart and Menke, 1976:264 (listed).

Tachytes falciger Arnold, 1951:152, ♂ (as *falcigera*, incorrect original termination). Holotype: ♂, Mauritania: Aleg (BMNH). Synonymized with *Tachytes chudeaui* by Pulawski, 2006:166. – R. Bohart and Menke, 1976:265 (listed).

67. *cinerascens* Arnold

Tachytes cinerascens Arnold, 1935a:498, ♀. Holotype: ♀, Botswana: Gemsbok Pan (SAM). – R. Bohart and Menke, 1976:264 (listed).

68. *codonocarpi* Pulawski

Tachytes codonocarpi Pulawski, 1975b:165, ♀, ♂. Holotype: ♂, South Australia: Everard Pk. Station in desert 4 mi SW Maynard's bore (South Australian Mus., Adelaide). – R. Bohart and Menke, 1976:630 (listed); Cardale, 1985:237 (in catalog of Australian Sphecidae).

69. *coloratus* R. Bohart

Tachytes coloratus R. Bohart, 1979:457, ♂, ♀. Holotype: ♂, Venezuela: Zulia: Rosario (USNM). – Garcete-Barrett, 2001b:60 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae)

70. *columbiae* W. Fox

Tachytes columbiae W. Fox, 1892e:241, ♀, ♂. Lectotype: ♀, USA: District of Columbia (ANSP), designated by Cresson, 1928:44. – W. Fox, 1894a:502 (in revision of North American Larrinae); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Mickel, 1918b:416 (in catalog of Nebraskan Sphecidae); J.Ch. Bradley, 1928:1009 (in catalog of Hymenoptera of New York: Ithaca); Brimley, 1938:442 (North Carolina: Raleigh, Sanford); Banks, 1942:412 (in revision of North American *Tachytes*); Brimley, 1942:35 (North Carolina: Raleigh); G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:264 (listed); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina).

71. *comberi* R. Turner

Tachytes tricinctus Pérez, 1907:497, ♀, ♂, secondary homonym of *Tachytes tricinctus* (Fabricius, 1804). Lectotype: ♂, Oman: Dibba (MNHN), designated by Pulawski, 1962b:415. – Pérez, 1907:495 (Oman: Dibba)

Tachytes comberi R. Turner, 1917e:201, ♀, ♂. Lectotype: ♀, Pakistan: Karachi (BMNH), designated by Pulawski, 1975a:316 – R. Bohart and Menke, 1976:264 (listed); Guichard, 1980:227 (Oman); Roche, 1981:2 (in checklist of Sphecidae of United Arab Emirates); Guichard, 1994b:216 (Arabian Peninsula); Gadallah and Assery, 2004:1396 (skeletal parts of sting apparatus).

Tachytes patrizii Guiglia, 1932d:475, ♂ (as *Patrizii*, incorrect original capitalization). Holotype: ♂, Libya: Cirenaica: Kufra oasis (Genova). Synonymized with *Tachytes comberi* by Pulawski, 1975a:316. – Guiglia, 1934b:305 (Libya: bibliography and summary of locality records), 1936:6 (Libya: Fezzan: no specific locality), 1939c:188 (Libya: Gat, Tan Ataram, Tunin, description of ♀), 1942b:234 (Libya); de Beaumont, 1956a:196 (Libya); Pulawski, 1962b:412 (in revision of Palearctic *Tachytes*).

Tachytes atlanticus Berland, 1942:8, ♀ (as *atlantica*, incorrect original termination). Holotype: ♀, Mauritania: Tindjmaran (MNHN). Synonymized with *Tachytes patrizii* by Pulawski, 1962b:412 and 415.

72. *compactus* Arnold

Tachytes compactus Arnold, 1951:148, ♀ (as *compacta*, incorrect original termination). Syntypes: Senegal: Kaffrine (BMNH). – R. Bohart and Menke, 1976:264 (listed).

73. *concinnus* F. Smith

Tachytes concinnus F. Smith, 1856:458. Holotype or syntypes: ♂, Brazil: Pará: Santarem (BMNH). – Kohl, 1885a:400 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); R. Bohart

and Menke, 1976:264 (listed); R. Bohart, 1979:458 (in revision of South American *Tachytes*; Argentina, Paraguay, Bolivia, Peru); Garcete-Barrett, 2001b:60 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

Tachytes argyrofacies Strand, 1910a:166, ♀. Holotype: ♀, Paraguay: Asunción: Villa Morra (ZMHU). Synonymized with *Tachytes concinnus* F. Smith by R. Bohart, 1979:458. – R. Bohart and Menke, 1976:263 (listed).

74. *confusus* Arnold

Tachytes confusus Arnold, 1923b:212, ♀ (as *confusa*, incorrect original termination). Holotype: ♀, Zimbabwe: Bulawayo (SAM). – Arnold, 1930:5 (in checklist of Afrotropical Sphecidae), 1940:118 (description of ♂); R. Bohart and Menke, 1976:264 (listed).

75. *contractus* Walker

Tachytes contractus Walker, 1871:22, ♂. Holotype or syntypes: ♂, Eritrea: Dakhlak Archipelago (lost). – Kohl, 1885a:401 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Innes Bey, 1912:111 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected in Dahleeh Island); R. Bohart and Menke, 1976:264 (listed).

76. *copiosus* Arnold

Tachytes copiosus Arnold, 1945:111, ♀, ♂ (as *copiosa*, incorrect original termination). Syntypes: Madagascar: Behara (MNHN). – R. Bohart and Menke, 1976:264 (listed); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae).

77. *corniger* Gussakovskij

Tachytes corniger Gussakovskij, 1952:233, ♀ (as *cornigera*, incorrect original termination). Syntypes: ♀, Tajikistan: Djilikul; Turkmenistan: Mary (ZIN). – As *Tachytes corniger*: Pulawski, 1962b:453 (in revision of Palearctic *Tachytes*); Myartseva, 1963b:58 (Turkmenistan: lower Murgab River, as *cornigera*); R. Bohart and Menke, 1976:264 (listed); Kazenas, 1978b:104, 109 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia).

Tachytes trichopus Pulawski, 1962b:461, ♂. Holotype: ♂, Tajikistan: Aykul near Dzhilikul (ZIN). Synonymized with *Tachytes corniger* by Pulawski, 1965c:573.

78. *costalis* Taschenberg

Tachytes costalis Taschenberg, 1870:15, ♀. Lectotype: ♀, Brazil: São Paulo: Paraibuna [as Parahybuna] (ZMHU), designated by R. Bohart, 1979:459. – Kohl, 1885a:401 (in checklist of world *Tachytes*); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Schrottky, 1903b:178 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); Jörgensen, 1912:292 (Argentina: Mendoza Province); Schrottky, 1913a:231 (listed); R. Bohart and Menke, 1976:264 (listed); R. Bohart, 1979:459 (in revision of South American *Tachytes*, Argentina, Paraguay, Brazil, Ecuador, Colombia); Garcete-Barrett, 2001b:60 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

79. *crassus* Patton

Tachytes crassus Patton, 1880:393, ♂. ... USA: ... – Kohl, 1885a:401 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:241 (in revision of North American *Tachytes*), 1894a:502 (in revision of North American Larrinae); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Rohwer, 1908a:224 (Colorado); H. Smith, 1908b:378 (in revision of Nebraskan Sphecidae); Rohwer, 1916b:686 (in catalog of Hymenoptera of Connecticut); Mickel, 1918b:416 (in catalog of Nebraskan Sphecidae); Brimley, 1938:442 (North Carolina: Lakeview, Raleigh, Harnett County); Banks, 1942:414 (in revision of North American *Tachytes*); Brimley, 1942:35 (deleted from list of North Carolina insects); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Krombein, 1961b:64 (prey: a tettigoniid *Orchelimum* sp.), 1963f:273 (Maryland: Plummers Island

near Washington, D.C.); Evans, 1964b:285 (larva); Evans and Kurczewski, 1966:324 (nesting habits); R. Bohart and Menke, 1976:264 (listed); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Buck, 2004:25 (in checklist of Crabronidae of Ontario, Canada), 29 (distribution within Ontario), 44 (first record from Canada: Ontario: list of localities).

80. *cressoni* Banks

Tachytes cressoni Banks, 1942:425, ♀, ♂. Holotype: ♀, USA: Texas: Lee County: Fedor (MCZ). – G. Bohart in Muesebeck et al., 1951:945 (in catalog of North American Hymenoptera); R. Bohart, 1962b:129 (...); R. Bohart and Menke, 1976:266 (as new synonym of *Tachytes pepticus* by R. Bohart); R. Bohart, 1994a:345 (in key to North American *Tachytes*).

81. *danae* Arnold

As *Tachytes mira*: R. Turner, 1916d:445 (Malawi, Zimbabwe), 1917d:11 (revision; Mozambique: Delagoa Bay; Malawi: Mlanje; Zimbabwe: Salisbury), corrected to *Tachytes danae* by Arnold, 1923:183.

Tachytes danae Arnold, 1923:183, ♀, ♂ (as *Danae*, incorrect original capitalization). Syntypes: Malawi, Zimbabwe. – Arnold, 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:264 (listed).

82. *decoratus* Walker

Tachytes decoratus Walker, 1871:23, ♀. Holotype or syntypes: ♀, Egypt: Sinai Peninsula: Wadi Feiran (lost). – Kohl, 1885a:401 (in checklist of world *Tachytes*); Dalla Torre, 1897:689 (in catalog of world Hymenoptera); Innes Bey, 1912:111 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected in unknown locality); R. Bohart and Menke, 1976:264 (listed).

83. *desertus* R. Bohart

Tachytes desertus R. Bohart, 1994a:346, ♀, ♂. Holotype: ♂, USA: Texas: Brewster County: Big Bend National Park (UCD). – R. Bohart, 1994a:344 (in key to North American *Tachytes*).

84. *dichrous* F. Smith

Tachytes dichrous F. Smith, 1856:229, "♀" = ♂ (as *dichroa*, incorrect original termination). Holotype or syntypes: ♂, Gambia: no specific locality (BMNH). – Kohl, 1885a:401 (in checklist of world *Tachytes*); Dalla Torre, 1897:689 (in catalog of world Hymenoptera); R. Turner, 1917d:10 (revision; Nigeria, Ghana); Morice, 1921:824 (Iraq: Amara); Arnold, 1923:181 (original description copied), 1930:4 (in checklist of Afrotropical Sphecidae); Berland, 1942:2 (Chad: Moyen Chari: Fort Archambault, now Sarh; Guinea: Siguiri). – As *Tachytes dichrous*: Pulawski, 1962b:466 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:264 (listed).

Larrada ferox F. Smith, 1873c:294, ♀. Syntypes: ♀, Africa: no specific locality (BMNH). Synonymized with *Tachytes dichrous* by R. Turner, 1917d:10. – As *Larra ferox*: Dalla Torre, 1897:667 (new combination, in catalog of world Hymenoptera).

Tachytes hospes Bingham, 1898b:119, ♀. Holotype or syntypes: ♀, India: Gujarat: Deesa (BMNH). – Nurse, 1909:512 (description of ♂). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897). – As *Tachytes dichrous hospes*: R. Turner, 1929b:557 (new status); R. Bohart and Menke, 1976:254 (listed).

85. *dilaticornis* R. Turner

Tachytes dilaticornis R. Turner, 1916d:446, ♂. Syntypes, ♂, British East Africa: S. Kavirondo: Kuja Valley (BMNH). – R. Turner, 1917d:23 (revision; ♀, Kenya, Uganda). – Arnold, 1923b:203 (revision), 1929c:390 (additional description), 1930:5 (in checklist of Afrotropical Sphecidae); Guiglia, 1939d:75 (Ethiopia: Sidamo: Arero and Neghelli, now Negele; determination?); Berland, 1942:2 (Ethiopia: Harar); Arnold, 1951:147 (Ethiopia: Jowaha N Debra Sina); R. Bohart and Menke, 1976:264 (listed); Seyoum and Pulawski, 2001:325 (potential control agent of acridid pests in Ethiopia).

86. *dilwara* Nurse

Tachytes dilwara Nurse, 1903b:3, ♀. Syntypes: India: Rajasthan: Mount Abu (BMNH). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:266 (as questionable synonym of *Tachytes modestus*).

87. *diodontus* Pulawski

Tachytes diodontus Pulawski, 1962b:440, ♀. Holotype: ♀, Egypt: Wadi el Tih near Cairo (coll. W. Pulawski). – de Beaumont, Bytinski-Salz and Pulawski, 1973:7 (Israel); R. Bohart and Menke, 1976:264 (listed).

88. *discrepans* Arnold

Tachytes discrepans Arnold, 1951:151, ♂, ♀. Syntypes: Senegal: Kaolack (BMNH). – R. Bohart and Menke, 1976:264 (listed).

89. *dispersus* R. Turner

Tachytes dispersus R. Turner, 1916c:304, ♀, ♂. Syntypes: Australia: Baudin Island, Townsville, Mackay, Perth, Port Essington (BMNH). – R. Bohart and Menke, 1976:264 (listed); Cardale, 1985:237 (in catalog of Australian Sphecidae); Naumann, 1998:186 (Australia: northwest Queensland: Musselbrook area, approximately 18°40'S 138°23'E).

90. *disputabilis* R. Turner

Tachytes disputabilis R. Turner, 1917d:39, ♂. Holotype: ♂, Malawi, SE Lake Chilwa (BMNH). – Arnold, 1923b:216 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); Scott *in* Arnold 1933a:368 (Ethiopia: Harar); R. Bohart and Menke, 1976:264 (listed); Dollfuss, 1990:122 (Central African Republic).

91. *distanti* R. Turner

Tachytes distanti R. Turner, 1917d:22, ♀. Holotype (or syntypes?): ♀, South Africa: Transvaal: Pretoria (BMNH). – Arnold, 1923b:195 (in key), 1927:116 (original description copied), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:264 (listed).

92. *distinctus* F. Smith

Tachytes distinctus F. Smith, 1856:307, ♀. Syntypes: ♀, USA: Georgia: no specific locality, Pennsylvania: Philadelphia (BMNH). – Cresson, 1862:238 (in catalog of North American Hymenoptera), 1873:215 (Texas); Kohl, 1885a:401 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); Ashmead, 1890:33 (in checklist of Hymenoptera of Colorado); W. Fox, 1892e:246 (in revision of North American *Tachytes*), 1894a:504 (in revision of North American Larrinae), 1894c:104 (Mexico: Baja California); Dalla Torre, 1897:689 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); Cockerell, 1899a:143 (New Mexico); Ch. Robertson, 1901:203 (synonymy); Rohwer, 1909d:201 (Kansas, Texas); F. Williams, 1914a:157 (in revision of Larrinae of Kansas), 194 (nesting habits); Rau, 1923:220 (nesting habits); Brimley, 1938:442 (North Carolina: Raleigh); Banks, 1942:415 (in revision of North American *Tachytes*) [was his interpretation of the name correct?]; Brimley, 1942:35 (North Carolina: Marion, Maysville, Raleigh); G. Bohart *in* Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Krombein, 1953a:297 (visiting foliage of *Quercus virginiana*), 329 (North Carolina), 329 (North Carolina), 1953b:132 (North Carolina: Kill Devil Hills); Evans, 1964b:286 (larva); Evans and Kurczewski, 1966:332 (nesting habits); G. Bohart, Nye, and Hawthorn, 1970:49 (Utah: Logan, onion pollinator); R. Bohart and Menke, 1976:264 (listed); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a); Krombein, 1979b:1625 (in catalog of North American Hymenoptera); Parks, 1986:34 (California: Torrey Pine State Reserve); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Hanson and Menke, 1995:639 (known from Costa Rica); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist

of Mexican Sphecidae); Ohl and Linde, 2003:150 (number of ovarioles); Genaro, 2004a:19 (Cuba: locality records; prey: *Sphingonothus haitiensis cubensis* (de Saussure), an acridid), 2006:55 (in checklist of Cuban Sphecidae and Crabronidae; also: North Bimini Island, Jamaica, Hispaniola, Mona Island, Puerto Rico, Mexico, Brazil, Argentina); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

Larrada fulvipes F. Smith, 1856:288, ♀. Syntypes: ♀, Brazil, Jamaica, Dominican Republic: no specific localities (BMNH). Synonymized with *Tachytes distinctus* by ... – Cresson, 1862:237 (in catalog of North American Hymenoptera). – **As *Larra fulvipes***: Kohl, 1885:244 (new combination, listed, becoming secondary homonym of *Larra fulvipes* (Fabricius, 1804)). – **As *Tachytes fulvipes***: Jörgensen, 1912:292 (new combination, Argentina: Mendoza Province, floral records); Brèthes, 1913:151 (new combination).

Tachytes elongatus Cresson, 1873:215, ♂. Lectotype: ♂, USA, Texas: no specific locality (ANSP), designated by Cresson, 1916:95. Synonymized with *Tachytes distinctus* by R. Bohart in Bohart and Menke, 1976:264. – Kohl, 1885a:401 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:246 (in revision of North American *Tachytes*); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); Ch. Robertson, 1901:203 (synonymy); Peckham, 1934b:260 (Missouri: Alenton; nesting reported); Banks, 1942:417 (in revision of North American *Tachytes*) [**was his interpretation correct?**]; Brimley, 1942:35 (North Carolina: previous records for *Tachytes distinctus* actually refer to *elongatus*); Rau, 1946:10 (prey: *Melanoplus diferencialis* Thos., and acridid); G. Bohart in Muesebeck et al., 1951:945 (in catalog of North American Hymenoptera); Krombein, 1953a:295 (visiting foliage of *Pinus serotina*), 296 (visiting foliage of *Quercus marilandica*), 297 (visiting foliage of *Quercus virginiana*), 298 (visiting flowers of Virginia creeper), 298 (visiting flowers of *Cephalanthus occidentalis*), 328 (North Carolina, as *elongatus elongatus*), 1953b:132 (North Carolina: Kill Devil Hills); C. Lin, 1966b:82 (use of emergence holes of *Sphecius speciosus* as nests), 1967a:242 (review of nesting habits); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a).

Tachytes yucatanensis Cameron, 1889a:60, ♀. Holotype or syntypes: ♀, Mexico: Yucatán: Temax (BMNH). Synonymized with *Tachytes distinctus* by R. Bohart in Bohart and Menke, 1976:264. – Dalla Torre, 1897:695 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae, as *yucatanensis*).

Tachytes contractus W. Fox, 1892e:245, ♀, junior primary homonym of *Tachytes contractus* Walker, 1871. Holotype: ♀, USA~Georgia: no specific locality (ANSP). Synonymized with *Tachytes distinctus* by R. Bohart in Bohart and Menke, 1976:264. – W. Fox, 1894a:503 (in revision of North American Larrinae); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Cresson, 1928:44 (holotype in ANSP).

Tachytes austrinus Banks, 1942:419. Substitute name for *Tachytes contractus* W. Fox. Synonymized with *Tachytes distinctus* by ...

ssp. *bimini* Krombein

Tachytes cubensis bimini Krombein, 1953c:13, ♂. Holotype: ♂, Bahamas: North Bimini Island (AMNH). – **As *Tachytes distinctus bimini***: R. Bohart and Menke, 1976:264 (new subspecific combination, listed); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

93. *dogon* Pulawski

Tachytes chudeaui var. *rufipes* Berland, 1942, ♀, ♂ (♀ = *Tachytes saharicus*), junior primary homonym of *Tachytes rufipes* Aichinger, 1870 (= *Tachysphex brullii*), and of *Tachytes rufipes* Reed, 1894. Lectotype: ♂, Mali: Douentza (MNHN), designated by Pulawski, 1962b:385. – **As *Tachytes rufipes***: Pulawski, 1962b:385 (full species status); R. Bohart and Menke, 1976:266 (listed).

Tachytes dogon Pulawski, 2006:166. Substitute name for *Tachytes rufipes* Berland, 1942. – Pulawski, 2006:166 (diagnostic characters, locality records from Mali and Niger).

94. *dubiosus* Tsuneki

Tachytes dubiosus Tsuneki, 1974b:616, ♂. Holotype: ♂, Thailand: Chieng Mai (T. Tano coll., Fukui). – R. Bohart and Menke, 1976:630 (listed).

95. *ermineus* Banks

Tachytes ermineus Banks, 1942:413, ♀, ♂. Holotype: sex not indicated, USA: Arizona: Pima County: Santa Catalina Mts. (AMNH). – G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Gittins, 1960:136 (Idaho); R. Bohart and Menke, 1976:265 (listed); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); Rust, Hanks, and Bechtel, 1983:406 (Nevada: Churchill County: Sand Mountain); Frommer, 1988:96 (California: Riverside County: Deep Canyon); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae); Ohl and Linde, 2003:150 (number of ovarioles); Alcock, 2007a:363 (males perching near top of trees or shrubs in User Mountains, Arizona).

96. *erynnis* R. Turner

Tachytes erynnis R. Turner, 1917d:37, ♀, ♂. Syntypes: South Africa, Zimbabwe (BMNH). – Arnold, 1923b:214 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); Leclercq, 1955i:408 (Burundi); R. Bohart and Menke, 1976:265 (listed).

97. *etrusca* (Rossi)

Andrena etrusca Rossi, 1790:98, sex not indicated (as *Etrusca*, incorrect original capitalization). Holotype or syntypes: Italy: Etruria, now Toscana: no specific locality (lost). – **As *Apis etrusca***: Illiger, 1807:161 (new combination, redescription). – **As *Larra etrusca***: Jurine, 1807:145 (new combination, listed) and pl. 9, Fig. 9 (illustration of habitus); Frei-Gessner, Kohl, and Kriechbaumer, 1882:393 (Jurine's specimens are *Tachytes etruscus*). – **As *Lyrops etrusca***: Dufour, 1841a:497 and 1841b:236 (new combination, digestive tract), 1841a:503 and 1841b:239 (male reproductive system), 1841a:507 and 1841b:243 (female reproductive system); Casolari and Casolari Moreno, 1980:113 (specimens in M. Spinola collection). – **As *Tachytes etruscus***: Vander Linden, 1829:21 (new combination, bibliographic references, Italy: Toscana); Blanchard, 1840:356 (...); Dahlbom, 1843:134 (in revision of Sphecidae and Pompilidae), 1845:470 (in key); Lepeletier de Saint Fargeau, 1845:244 (in revision of world Hymenoptera, as *etrusca*); Eversmann, 1849:385 (Russia: Orenburg Province, as *etrusca*); Lucas, 1849:248 (Algeria: La Calle, Oran); F. Smith, 1856:297 (in catalog of Hymenoptera in British Museum, as *etrusca*); Frauenfeld, 1861:103 (Dalmatia, now Croatia); A. Costa, 1867b:84 and 1867c:28 (in revision of Italian Sphecidae); Kirchner, 1867:216 (in catalog of European Hymenoptera); Palma, 1867:38 (Italy: Sicilia settentrionale); Dours, 1874:139 (in catalog of Hymenoptera of France); Marquet, 1875:203 (France: Aude: Carcassonne and Hérault: Montpellier, as *etrusca*); Becker, 1880:153 (Russia: Sarepta, now Krasnoarmeysk S Volgograd); Magretti, 1881:108 (Italy: Lombardia), 270 (listed); Marquet, 1881:179 (southern France); Radoszkowski, 1881:211 (Angola, record obviously in error for geographic reason); Sajó, 1882:6 (Hungary); Kohl, 1885a:330, 331 (in key to European species), 332 (in revision of European *Tachytes*), 401 (in checklist of world *Tachytes*); Gasperini, 1887:15 (cited from Dalmatia, now Croatia, by Frauenfeld, 1861); F. Morawitz, 1891a:207 (Russia: Astrakhan Government, as *etrusca*); Baldini, 1894:63 (Italy: Modena area, as *etrusca*); Acloque, 1897:93 (in Sphecid Fauna of France and Algeria); Dalla Torre, 1897:689 (in catalog of world Hymenoptera); Mocsáry, 1897:77 (Kingdom of Hungary, some localities are in today's Romania); Chyzer, 1902:33 (Hungary); Antiga and Bofill, 1904:11 (Spain: Cataluña Province, as *etrusca*); W. Schulz, 1904b:102 (Greece: Corfu Island; Hungary, as *etrusca*); Vángel, 1905:166 (Hungary); Magretti, 1906:20 (Eritrea, in error); Schmiedeknecht, 1907:230, 231 (in key to Hymenoptera of Central Europe); de Gaulle, 1908:121 (in catalog of French Hymenoptera, as *etrusca*); Mercet,

1910b:165 (listed from Spain); Graeffe, 1911:45 (Italy: Trieste area, as *etrusca*); Maidl, 1922:70 (Albania: Durazzo, as *etrusca*); Berland, 1925d:123 (in Sphecidae Fauna of France); Schmiedeknecht, 1930:692 (in keys to Hymenoptera of North and Central Europe, as *etrusca*); nec Bischoff, 1933:5 (= *Tachysphex albocinctus*); Zavadil, 1934:187 (Slovakia, as *etrusca*); Bernard, 1935:65 (France: Var: Fréjus area); Grandi, 1935a:110 (Italy, as *etrusca*); de Beaumont, 1936b:600 (specimens in coll. Radoszkowski: Turkmenistan, as *etrusca*); Guiglia, 1936:6 (figure of male genitalia); Zavadil, Šusterka, and Bat'a, 1937:200 (in catalog of Sphecidae of Czechoslovakia); Yasumatsu, 1942c:112 (China: Beijing); Giner Mari, 1943a:131 (in Sphecidae Fauna of Spain); Timon-David, 1943:29, 30 (France: Bouches-du-Rhône: plage de Fos); nec Tsuneki, 1946:165 (= *Tachytes sinensis*); de Beaumont, 1947b:390 (Cyprus, as *etrusca*); Balthasar, 1948:142 (Slovakia: Kovačov, Parkan); Zavadil and Šnoflak, 1948:153 (in key to Sphecidae of Czechoslovakia); nec Masuda, 1950:... (= *Tachytes nipponicus* Tsuneki); Pitioni, 1950:25 (Cyprus, as *obesa*); Scobiola, 1950:20 (first record from Romania: Budești- Ilfov, as *etrusca*); de Beaumont, 1954a:54 (Italy); Grandi, 1954:240 (Italy); Hertzog, 1954:101 (France: Bouches-du-Rhône: Camargue); Vogrin, 1955:37 (Yugoslavia); Ceballos, 1956:378 (in catalog of Hymenoptera of Spain); Morel, Nouvel, and Ribaut, 1956:339 (France: Département des Pyrénées-Orientales); Bajári, 1957a:56 (in key to Hungarian Sphecidae); Pulawski, 1958a:178 (Bulgaria: Akhtopol, Varna), 1962b:404 (in revision of Palearctic *Tachytes*); Ceballos, 1964:90 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1965a:47 (Greece); Scobiola-Palade, 1966b:392 (Romania: Tulcea District: C.A. Rosetti, Periprava, Sulina); Balthasar, Hrubant, and Hrubant, 1967:171 (Bulgaria: Sozopol); de Beaumont, 1967a:330 (Turkey); Benedek, 1968:73 (Hungary, visiting flowers of *Eryngium campestre* L.); Scobiola-Palade, 1968b:142 (Romania: Island of Letea in delta of Danube), 1968c:384 (Romania); Balthasar, 1972:280 (in Sphecidae Fauna of Czechoslovakia); Scobiola-Palade, 1972:150 (Romania: delta of Danube: Caraorman); de Beaumont, Bytinski-Salz and Pulawski, 1973:7 (Israel); R. Bohart and Menke, 1976:265 (listed); Georgiou, 1977:192 (Cyprus); Kazenas, 1978b:105, 109 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:223 (in key to Sphecidae of European part of former USSR); Pagliano, 1980:127 (Italy: Abruzzo); Dollfuss, 1983b:10 (records from Austria questionable); Józán, 1983:99 (Hungary); Schmidt and Westrich, 1983:123 (Greece); Józán, 1985b:57 (Hungary S Lake Balaton), 78 (floral records), 83 (ecological and zoogeographic characteristics); Scobiola-Palade, 1985:96 (Romania: delta of Danube); Józán, 1986:370 (Hungary: Kiskunság National Park); Dollfuss, 1987:21 (Austria: Burgenland: Neusiedlersee Ost); Gayubo and Mingo, 1988:76 (Spain: Huesca); Karsai, 1988:99 (Hungary: Kiskunság National Park); Pádr *in* Sedivy, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Scobiola-Palade, 1989:87 (Romania: delta of Danube); Pagliano, 1990:106 (in catalogue of Italian Sphecidae); Chinin, 1991:111 (Russia: Samara Oblast'); Dollfuss, 1991:99 (in key to Sphecidae of North and Central Europe); Gayubo, Borsato, and Osella, 1991:401 (Italy: Veneto, Toscana); Negrisolo, 1991:318 (Italy: Udine Province); Józán, 1992b:173 (Hungary: Boronkamelléki Protected Area); Dollfuss, 1994a: (endangered in Austria); Gayubo and Borsato, 1994:207 (Italy: Lombardia); Guichard, 1994b:216 (Saudi Arabia: Abu Arish); Negrisolo, 1995a:18 (visiting flowers of *Eryngium maritimum* L.), 19 (visiting flowers of *Echinophora spinosa* L.), 23 (Italy: Veneto); Negrisolo *in* Minelli, Ruffo, and La Posta, 1995b:9 (in catalog of Italian fauna); Dollfuss, Gusenleitner, and Bregant, 1998:516 (Austria: summary of collecting records from Burgenland); Shkuratov, 1998:97 (Russia: Rostov Oblast'), 2000:58 (Russia: Rostov Oblast': Vëshenskaya village area at 49°37'N 41°45'E); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia); K. Schmidt and Bitsch *in* Bitsch et al., 2001:213 (in Sphecidae Fauna of Western Europe); Kazenas, 2002a:63 (geographic distribution, collecting localities in Kazakhstan); Drewes, 2003:143 (Austria: Illmitz; Spain: Tarragona); Gayubo, Özbek, and Yıldırım, 2003:88 (Turkey: Erzurum: Oltu; Samsun: Tarımsal Araştırma Enstitüsü: Karaköy); Protzenko, 2003:68, 69 (Ukraine: Odessa Oblast': Malyi Tataru island in Danube delta at 45.21°N 29.00°E); Ebrahimi, 2005:126 (in key to selected Iranian Sphecidae); Pagliano and Negrisolo, 2005:383 (in Sphecidae Fauna of Italy); Shorenko, 2005a:163 (Ukraine: Crimea); Vepřek and Straka, 2007:202 (in catalog of Sphecidae of Czech Republic and Slovakia, known only from Slovakia); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China); Ljubomirov and Yildirim, 2008:224 (in catalog of Crabronidae

of Turkey); Nemkov, 2008b:19 (in catalog of Crabronidae of Asiatic of Russia); Pagliano, 2008:546 (specimens in M. Spinola collection, Torino).

Tachytes argentatus Brullé, 1832:372, ♂ (as *argentata*, incorrect original termination). Holotype: ♂, Greece: Morea, now Peloponnesus: no specific locality (MNHN). Synonymized with *Tachytes etruscus* by F. Smith, 1856:297 (tentatively) and Mocsáry, 1881a:19. – F. Smith, 1858a:101 (Singapore; record obviously wrong for geographic reasons); Kirchner, 1867:215 (in catalog of European Hymenoptera); Dours, 1874:139 (in catalog of Hymenoptera of France). – **As *Lyrops argentata***: Pagliano, 2008:548 (specimens in M. Spinola collection, Torino, are *Tachysphex panzeri*, *Tachytes freygessneri*, *obsoletus*, and *procerus*)

ssp. *sibiricus* Gussakovskij

Tachytes sibiricus Gussakovskij, 1932:14, ♀ (as *sibirica*, incorrect original termination). Holotype: ♀, Russia: Primorskiy Krai: Khabarovsk (ZIN). – Pulawski, 1962b:408 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:267 (listed). – **As *Tachytes etruscus sibiricus***: Nemkov in Nemkov, Kazenas, Budrys, and Antropov, 1995:409 (new status, in key); Negoro, Haneda, and Tano, 2005:46 (Japan: Toyama Prefecture); Hua, 2006:283 (in list of Chinese insects, geographic distribution); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China); Nemkov, 2009b:77 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia).

Tachytes nipponicus Tsuneki, 1964a:6, ♀, ♂. Holotype: ♂, Japan: Fukui Prefecture: no specific locality (originally K. Tsuneki coll., now Hyogo Mus.). Synonymized with *Tachytes etruscus sibiricus* by Nemkov in Nemkov, Kazenas, Budrys, and Antropov, 1995:409. – Tsuneki, 1964a:2, 3 (key), 10 (insertion into Pulawski's key), 1964l:63 (key), 1965g:42 (prey: *Conocephalus gladiator* Redtenbacher); Haneda, 1968a:43 (Japan); Nishino, 1968:24 (Japan, determination tentative); Itami, 1969:48 (Japan: Niigata Prefecture); Tsuneki, 1969c:3 (nesting habits), 1971m:32 (China: Peking); Yamada, 1971:35 (Japan: Aichi Prefecture); Tsuneki, 1974a:362 (Korea); R. Bohart and Menke, 1976:266 (listed); Tsuneki 1982b:4 (Korea), 15 (known from Korea), 1991:199 (Korea); Wu and Zhou, 1996a:88 (in revision in Economic Insect Fauna of China); Hashimoto and Nakanishi, 1997:20 (holotype transferred to Hyogo Mus.); Kurokawa, 2003:61 (Japan: city of Fukui: Egamichou).

As *Tachytes etruscus*: Masuda, 1950:... (...), corrected to *Tachytes nipponicus* by Tsuneki, 1969c:4.

98. *excellens* Cameron

Tachytes excellens Cameron, 1912a:435, ♀. Holotype: ♀, Guiana: Demerara: no specific locality (BMNH). – R. Bohart and Menke, 1976:265 (listed); R. Bohart, 1979:460 (in revision of South American *Tachytes*; Brazil to Panama); Callan, 1991a:8 (Trinidad); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:19 (in catalog of Aculeata of Trinidad, West Indies).

99. *exclusus* R. Turner

Tachytes exclusus R. Turner, 1917f:290, ♀, ♂ (as *exclusa*, incorrect original termination). Syntypes: Ghana: Yapi (BMNH). – Arnold, 1923b:204 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed).

100. *exornatus* W. Fox

Tachytes exornatus W. Fox, 1894a:501, ♂. Lectotype: ♂, USA: New Mexico: Las Cruces (ANSP), designated by Cresson, 1928:44. – W. Fox, 1894c:105 (Mexico: Baja California Sur: San José del Cabo, description of ♀); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Cockerell, 1899a:143 (New Mexico), 1905:100 (nesting colony at Mesilla Park, New Mexico); F. Williams, 1926:349 (Mexico: Revillagigedo Islands); Banks, 1942:424 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:945 (in catalog of North American Hymenoptera); Krombein, 1960b:76 (prey: acridid nymphs), 1961d:300 (prey: grasshopper *Conalcea* sp.); R. Bohart and Menke, 1976:265 (listed); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:343 (in key to North American

Tachytes); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae).

101. *famelicus* Pulawski

Tachytes famelicus Pulawski, 1962b:355, ♀, ♂. Holotype: ♂, Kazakhstan: Golodnaya Step (NHMW). – Kazenas, 1972b:164 (Kazakhstan: Taldy-Kurgan Oblast': vicinity of village Ain-Bulak); R. Bohart and Menke, 1976:265 (listed); Kazenas, 1978b:107, 110 (in key to Sphecidae of Kazakhstan and Central Asia); Dollfuss, 1989:13 (paratype in NHMW); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:63 (geographic distribution, collecting localities in Kazakhstan), 2008a:101 (Southeastern Kazakhstan: Aynabulak in foothills of Dzhungarian Alatau).

102. *fatalis* R. Turner

Tachytes fatalis R. Turner, 1916c:303, ♀. Holotype or syntypes: ♀, Australia: Queensland: Toowoomba (BMNH). – R. Bohart and Menke, 1976:265 (listed); Cardale, 1985:237 (in catalog of Australian Sphecidae); Naumann, 1998:186 (Australia: northwest Queensland: Musselbrook area, approximately 18°40'S 138°23'E).

103. *fervidus* F. Smith

Tachytes fervidus F. Smith, 1856:298, ♀. Holotype or syntypes: ♀, India: no specific locality (BMNH). – Kohl, 1885a:402 (in checklist of world *Tachytes*); Cameron, 1889c:135 (generic assignment uncertain); Bingham, 1897:186 (redescription, as *fervida*); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:265 (listed).

104. *fidelis* Pulawski

Tachytes fidelis Pulawski, 1962b:366, ♂. Holotype: ♂, Arabia: Riad (Landesmuseum für Naturkunde, Karlsruhe). – de Beaumont, 1962c:223 (Arabia: Riyadh); R. Bohart and Menke, 1976:265 (listed); Guichard, 1994b:217 (Saudi Arabia: El Riyadh).

105. *flagellarius* R. Bohart

Tachytes flagellarius R. Bohart, 1979:461, ♂, ♀. Holotype: ♂, Paraguay: Villarrica (Cornell Univ.). Paratypes: Argentina, Bolivia, Peru, Brazil. – Dollfuss, 1989:13 (paratype in NHMW); Garcete-Barrett, 2001b:60 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

106. *flagellatus* Nurse

Tachytes flagellatus Nurse, 1903a:514, ♂ (as *flagellata*, incorrect original termination). Syntypes: ♂, India: Rajasthan: Mount Abu (BMNH). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:265 (listed).

107. *flavocinereus* Arnold

Tachytes flavocinereus Arnold, 1945:112, ♀, ♂ (as *flavocinerea*, incorrect original termination). Syntypes: Madagascar: Antanimora, Bekily, and Ivondro (MNHN). – Leclercq, 1961d:112 (Madagascar). – **As *Tachytes flavocinereus***: R. Bohart and Menke, 1976:265 (listed); Leclercq, 1990b:118 (Madagascar); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae).

108. *floridanus* Rohwer

Tachytes pepticus var. *floridanus* Rohwer, 1920a:59, ♂. Holotype: USA: Florida: Inverness (USNM). – **As *Tachytes floridanus***: Banks, 1942:413 (new status, in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Brimley, 1942:35 (North Carolina: Aberdeen, Judson, Southern Pines); R. Bohart and Menke, 1976:265 (listed); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of in-

sects of North Carolina); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

Tachytes foxi Banks, 1942:416, ♀. Holotype: ♀, USA: Texas: Lee County: Fedor (MCZ). Synonymized with *Tachytes floridanus* by R. Bohart in Bohart and Menke, 1976:265. – G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera).

Tachytes comanche Banks, 1942:417, ♂. Holotype: ♂, USA: Texas: Lee County: Fedor (MCZ). Synonymized with *Tachytes floridanus* by R. Bohart in Bohart and Menke, 1976:265. – G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera);

109. *formosissimus* R. Turner

Tachytes formosissimus R. Turner, 1908:482, ♀. Holotype: ♀, Australia: Queensland: Mackay (BMNH). – R. Turner, 1910a:348 (in key), 1916c:300 (in revision of Australian *Tachytes*); R. Bohart and Menke, 1976:265 (listed); Cardale, 1985:237 (in catalog of Australian Sphecidae).

110. *fraternoides* R. Bohart

Tachytes fraternoides R. Bohart, 1979:462, ♂, ♀. Holotype: ♂, Brazil: Mato Grosso: Chapada (Carnegie Mus.). Paratypes: Argentina. – Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

111. *fraternus* Taschenberg

Tachytes fraternus Taschenberg, 1870:14, ♀. Holotype: ♀, Argentina: Mendoza: no specific locality (Halle). – Kohl, 1885a:402 (in checklist of world *Tachytes*); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Schrottky, 1903b:178 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay), 1909b:250 (Argentina: Catamarca); Brèthes, 1913:151 (as new synonym of *Tachytes fulvipes*); Schrottky, 1913a:231 (listed); Pérez d'Angello, 1974:145 (first record from Chile: Tarapacá Province: Mollepampa); Alcock, 1975d:197 (nest structure, acridid prey, position of egg); R. Bohart and Menke, 1976:265 (listed); R. Bohart, 1979:463 (in revision of South American *Tachytes*; Argentina to Panama); Sielfeld, 1981b:72 (in checklist of Chilean Sphecidae); Simon Thomas, 1984:97 (Caribbean: St. Martin Island; as *Trachytes*); Maes, 1989:100 (in catalog of Nicaraguan Sphecidae); Callan, 1991a:8 (Trinidad), 1993:41 (nest and prey); Hanson and Menke, 1995:639 (known from Costa Rica); Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:19 (in catalog of Aculeata of Trinidad, West Indies).

Tachytes ferrugineipes Cameron, 1889a:63, ♂, junior primary homonym of *Tachytes ferrugineipes* Lepeletier de Saint Fargeau, 1845 (now in *Liris*). Holotype or syntypes: ♂, Panama: no specific locality (BMNH). Synonymized with *Tachytes fraternus* by R. Bohart in Bohart and Menke, 1976:265. – Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Amarante, 2005a:11 (correction to his 2002 catalog).

Tachytes asuncionis Strand, 1910a:165, ♂. Holotype: ♂, Paraguay: Asunción (ZMHU). Synonymized with *Tachytes fraternus* by R. Bohart in Bohart and Menke, 1976:265.

Tachytes ametinus Cameron, 1912:436, "♀" = ♂ (R. Bohart, 1979:463; as *ametina*, incorrect original termination). Holotype or syntypes: ♂, Guiana: Demerara: no specific locality (BMNH). Synonymized with *Tachytes fraternus* by R. Bohart in Bohart and Menke, 1976:265. – Bodkin, 1918:316 (British Guiana: Rockstone on Essequibo River); Cheesman, 1929:151 (Trinidad).

As *Tachytes* sp.: Callan, 1954:25 (Venezuela: Paria Peninsula: Irapa), corrected to *Tachytes fraternus* by Callan, 1993:41.

112. *frejessneri* Kohl

Apis hispanica Linnaeus in Kirby, 1802:305, sex not indicated, junior primary homonym of *Apis hispanica* Fabricius, 1787. Holotype: ♀, Spain: no specific locality (Linnean Society, London). Synonymized with *Tachytes frejessneri* by Fitton and Day, 1977:41. – Day, 1979:64 (history of name).

Tachytes obsoleta var.: Costa, 1867:87 (in revision of Italian Sphecidae), corrected to *Tachytes freygessneri* by de Beaumont, 1936c:2

Tachytes freygessneri Kohl, 1881:742, ♂ (as *Frey-Gessneri*, incorrect original capitalization and hyphenation). Lectotype: ♂, Italy: Sicilia: no specific locality (ZIN), designated by Pulawski, 1962b:370 and 372. – Kohl, 1885a:331 (in key to European *Tachytes*), 336 (in revision of European *Tachytes*), 402 (in checklist of world *Tachytes*); A. Costa, 1893b:5 (Tunisia, as *Frej-Gessneri*); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Antiga and Bofill, 1904:12 (Spain: Cataluña Province); W. Schulz, 1904b:102 (Spain: Granada); Mercet, 1910b:165 (listed from Spain, as *Frey-Gesneri*); Morice, 1911:99 (Algeria: Biskra, Bône, Médéa); Ferton, 1912a:364 (Algeria: La Calle; nest and prey); Morice, 1921:824 (Iraq: Amara); Berland, 1923b:288 (France: locality records), 1925d:124 (in Sphecid Fauna of France); von Schulthess, 1926b:214 (Tunisia); Dusmet y Alonso, 1927:25 (Spain: Cataluña: Poblet); Bischoff, 1931:9 (Spain); Nadig, 1933:82 (Morocco: Agadir, Marrakech, Tlemcen); Giner Marí, 1934:134 (Spain); Maidl, 1934:64 (Greece: Aegean Islands: Samos); Nadig, 1934:32 (Italy: Sardegna: Alghero, Cagliari); Gussakovskij, 1935:426 (Tajikistan: Kulab); de Beaumont, 1936b:600 (specimens in coll. Radoszkowski: Turkmenistan), 1936c:2 (specimens in coll. A. Costa); nec Honoré, 1942:57 (= *Tachytes archaeophilus* and *pygmaeus*); Giner Marí, 1943a:131 (in Sphecid Fauna of Spain); de Andrade, 1949:14 (Portugal: Lisboa, Vale de Gaio); de Beaumont, 1950f:405 (Algeria: Tadjemout), 1955a:171 (Morocco); Bytinski-Salz, 1956:226 (Turkey: Fethiye, Finike, Kemer); Ceballos, 1956:378 (in catalog of Hymenoptera of Spain); de Beaumont, 1956a:196 (Libya); Morel, Nouvel, and Ribaut, 1956:339 (France: Département des Pyrénées-Orientales); de Beaumont, 1957b:136 (n. Iran); Nouvel and Ribaut, 1958:14 (France: Pyrénées-Orientales: Banyuls-sur-Mer area); de Beaumont, 1959a:27 (Italy); Diniz, 1959:29 (Portugal: Lisboa, Vale de Gaio); Suárez, 1959:57 (Spain: Almería Prov.); de Beaumont, 1960a:14 (Greece: Rhodes Island), 1962b:25 (Spain); Pulawski, 1962b:370 (in revision of Palearctic *Tachytes*); Ceballos, 1964:91 (in supplement to catalog of Spanish Sphecidae); Diniz, 1964a:4 (Portugal: Aljustrel, Lisboa, Monchique, Portimão, Vale de Gaio); de Beaumont, 1965a:46 (Greece), 1967a:330 (Turkey); Balthasar, 1972:280 (in Sphecid Fauna of Czechoslovakia: may be expected in the country); Kazenas, 1972b:164 (Kazakhstan); Erlandsson, 1974:74 (Spain); Kazenas, 1974b:109 (feeding on flowers of *Cynanchum sibiricum* Willd., Asclepiadaceae, in Kazakhstan); R. Bohart and Menke, 1976:265 (listed); Kazenas, 1978b:106, 111 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:224 (in key to Sphecidae of European part of former USSR); Pagliano, 1980:127 (Italy: Sicilia); Gayubo, 1982a:99 (N Spain: Sierra de Béjar); Gayubo, 1984b:96 (Spain: previously recorded from Salamanca Province), 1984c:362 (Portugal: El Algarve Province); Gayubo and Tormos, 1984:14 (Spain: Valencia); Gayubo, 1986b:38 (Spain: Andalucía); Gayubo and Tormos, 1986a:12 (Spain: Castellón de la Plana); Islamov, 1986:525 (Uzbekistan: Tashkent Oblast); Gayubo, 1987a:111 (Spain: Ciudad Real Province); Tormos and Jiménez, 1987a:124 (Spain: Valencia); Asís and Jiménez, 1988:271 (Spain: Castellón Province); Gayubo and Mingo, 1988:76 (Spain); Dollfuss, 1989:13 (type material in NHMW); Gayubo, Asís, and Tormos, 1990a:16 (Spain); Pagliano, 1990:106 (in catalogue of Italian Sphecidae); Mochi and Luchetti, 1993:105 (Italy: Calabria: Nicotera); Torregrosa, Gayubo, Tormos, and Asís, 1993:18 (Spain: Alicante Province); Gayubo and Borsato, 1994:207 (Italy: Sicilia); Tormos, Asís, and Gayubo, 1994:188, 203 (Spain: Albacete Province); Negrisoló in Minelli, Ruffo, and La Posta, 1995b:9 (in catalog of Italian fauna); Pagliano and Scaramozzino, 1995:731 (Italy: Island of Pantelleria); Nazarova, 1998:40 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 153 (review of known biology); K. Schmidt and Bitsch in Bitsch et al., 2001:215 (in Sphecid Fauna of Western Europe); Kazenas, 2002a:60 (geographic distribution, collecting localities in Kazakhstan); Drewes, 2003:143 (Spain: Tarragona); Gayubo, Özbek, and Yıldırım, 2003:88 (Turkey: Artvin, Erzurum, and Ordu Provinces); Schmid-Egger, 2003:759 (Italy: Sicilia: Ragusa); Kazenas, 2004b:103 (Kazakhstan: western Tien Shan); Cruz-Sánchez, Gayubo, González, and Torres, 2005:220 (Spain: Salamanca: San Martín del Castañar); Pagliano and Negrisoló, 2005:384 (in Sphecid Fauna of Italy); Yildirim and Ljubomirov, 2005:120 (Turkey: İçel: Aydıncık); Gayubo, González, Tormos, and Asís, 2008:138 (Spain: Salamanca: Parque Natural de Las Batuecas – Sierra de Francia); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China), 158

(first record from China: Nei Mongol: Bamenghou; Xinjiang: Tulufan); Ljubomirov and Yildirim, 2008:225 (in catalog of Crabronidae of Turkey); Gayubo, González, Tormos, and Asís, 2009:363 (Spain: Valladolid: Reserva Natural Riberas de Castronuño – Vega del Duero); González, Gayubo, Asís, and Tormos, 2009:623 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park).

As *Lyrops tricolor*: Pagliano, 2008:548 (part of specimens in M. Spinola collection, Torino).

113. *fritzi* R. Bohart

Tachytes fritzi R. Bohart, 1979:464, ♀, ♂. Holotype: ♀, Argentina: Buenos Aires: Fco. Madero (M. Fritz coll.). – Fritz, 1993:16 (holotype in M. Fritz coll.); Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

114. *frontalis* F. Smith

Tachytes frontalis F. Smith, 1873b:58, ♀. Holotype: ♀, Brazil: Amazonas: São Paulo de Olivença (BMNH). – Kohl, 1885a:402 (in checklist of world *Tachytes*); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Strand, 1910a:163 (Paraguay; redescription); R. Bohart and Menke, 1976:265 (listed); R. Bohart, 1979:465 (in revision of South American *Tachytes*; Brazil, Colombia); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:20 (in catalog of Aculeata of Trinidad, West Indies).

115. *fruticis* Tsuneki

Tachytes fruticis Tsuneki, 1964a:8, ♀, ♂. Holotype: ♂, Japan: Fukui Prefecture: Hatogayu (originally K. Tsuneki coll., now Hyogo Mus.). – Tsuneki, 1964a:2, 3 (key), 10 (insertion into Pulawski's key), 1964l:63 (key), 1966g:14 (Taiwan), 1967b:46 (Taiwan), 1967i:390 (Taiwan); Haneda, 1968a:43 (Japan); Itami, 1968a:15 (Japan: Yamagata Prefecture: foot of Mount Iide); Haneda, 1969:68 (Japan: Yamanashi Prefecture); Itami, 1969:48 (Japan: Niigata Prefecture); Haneda, 1971b:30 (Taiwan); Tsuneki, 1971h:8 (Taiwan); Haneda, 1972a:4 (Taiwan); Murota, 1973b:118 (Taiwan); Tsuneki, 1974a:363 (Korea); Nambu, 1975b:62 (Japan: Saitama Prefecture); R. Bohart and Menke, 1976:265 (listed); Tsuneki, 1982b:15 (known from Korea), 1991:200 (Korea); Tano, 1994a:5 (holotype in K. Tsuneki collection); Hashimoto and Nakanishi, 1997:19 (holotype transferred to Hyogo Mus.); Porter, Stange, and Wang, 1999:8 (in checklist of Sphecidae of Taiwan); Haneda, 2003:4 (Japan: Nagasaki Prefecture: Tsushima); Haneda and Inoue, 2003:50 (Japan: Fukui Prefecture: Katsumi in City of Obama); Tano, Kurokawa, Murota, and Nozaka, 2003:31 (Japan: Nagasaki Prefecture: Tsushima); Suda, 2004:40 (Japan: Yamanashi Prefecture); Haneda, Inoue, Nozaka, Tano, Kurokawa, and H. and T. Murota, 2005:65 (Japan: Fukui Prefecture: Mount Monju); Negoro, Haneda, and Tano, 2005:46 (Japan: Toyama Prefecture); Hua, 2006:283 (in list of Chinese insects, geographic distribution); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China).

ssp. taianus Tsuneki

Tachytes fruticis taianus Tsuneki, 1974b:621, ♂. Holotype: ♂, Thailand: Chieng Mai (T. Tano coll., Fukui). – R. Bohart and Menke, 1976:630 (listed).

116. *fucatus* Arnold

Tachytes fucatus Arnold, 1951:149, ♀ (as *fucata*, incorrect original termination). Lectotype: ♀, Mauritania: Aleg (BMNH), designated by Pulawski, 1975a:315. Paralectotype: Mali: Tillembeya, now Diafarabé. – R. Bohart and Menke, 1976:265 (listed).

Tachytes serapis Pulawski, 1962:379, ♀, ♂. Holotype: ♀, Egypt: Helwan (LAUSANNE). Synonymized with *Tachytes fucatus* Arnold by Pulawski, 1975a:315. – de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel); Guichard, 1994b:217 (Arabian Peninsula).

117. *fulviventris* Cresson

Tachytes fulviventris Cresson, 1865b:466, ♀. Holotype: ♀, USA: Colorado Territory: no specific locality (ANSP). – Cresson, 1887:277 (in catalog of North American Hymenoptera); Ashmead, 1890:33 (in checklist of Hymenoptera)

of Colorado); W. Fox, 1892e:243 (in revision of North American *Tachytes*), W. Fox, 1894a:502 (in revision of North American Larrinae); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Cockerell, 1899a:143 (New Mexico); H. Smith, 1908b:378 (in revision of Nebraskan Sphecidae); F. Williams, 1914a:155 (in revision of Larrinae of Kansas), 197 (nesting habits); Cresson, 1916:95 (holotype in ANSP); Mickel, 1918b:416 (in catalog of Nebraskan Sphecidae); Brimley, 1938:442 (North Carolina: Carolina Beach/Raleigh); Banks, 1942:422 (in revision of North American *Tachytes*); Brimley, 1942:35 (deleted from list of North Carolina insects); G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); R. Bohart, 1962b:122 (revision); Lavigne and Pfadt, 1966:31 (Wyoming; preying on grasshoppers *Agenotettix deorum* and *Cordidllacris occipitalis*); Horning and Barr, 1970:103 (USA: Idaho: Craters of the Moon National Monument); R. Bohart and Menke, 1976:265 (listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae).

Tachytes caelebs Patton, 1879d:355, ♂. Holotype: ♂, USA: nw. Kansas: no specific locality (depository?). Synonymized with *Tachytes fulviventris* by W. Fox, 1894a:502. – Kohl, 1885a:400 (in checklist of world *Tachytes*, as *caelebs*); Cresson, 1887:277 (in catalog of North American Hymenoptera); Bridwell, 1899:209 (Kansas: no specific locality).

Tachytes fulviventris rossii R. Bohart, 1962b:124, ♂. Holotype: ♂, Mexico: Baja California [Norte or Sur?]: 20 mi N Mesquital (CAS). Synonymized with *Tachytes fulviventris* by R. Bohart, 1994a:343. – R. Bohart and Menke, 1976:265 (listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae).

118. *fulvovestitus* Cameron

Tachytes andreniformis Cameron, 1902...:64, ♀, junior primary homonym of *Tachytes andreniformis* Cameron, 1889. Lectotype: ♀, India: Assam: Khasia Hills (BMNH), designated by Pulawski, 1975a:316. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897).

Tachytes fulvovestitus Cameron, 1904f:298, sex not indicated (as *fulvo-vestita*, incorrect original hyphenation and termination). Holotype: ♂, India: Assam: Khasia Hills; or Himachal Pradesh: Simla (OXUM). Synonymized with *Tachytes andreniformis* Cameron, 1902 by Pulawski, 1975a:316. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:265 (listed).

As *Tachytes fulvopilosus*: Pulawski, 1975a:216 (valid name for *Tachytes fulvovestitus*); Tsuneki, 1983d:55 (as junior synonym of *Liris deplanatus*; the specimen in Oxford examined by Pulawski, 1975a:316 is not a holotype of *Tachytes fulvopilosus*). NOTE: this is probably because Pulawski examined BMNH material, not OXUM.

119. *gondarabai* (Guiglia)

Tachysphex gondarabai Guiglia, 1943c:72, ♀. Holotype: ♀, Ethiopia: Gamo Gofa: Gondaraba = Condaraba at 4°58'N, 36°49'E (MSNG). – As *Tachytes gondarabai*: Pulawski in Bohart and Menke, 1976:265 (new combination, listed).

Tachysphex gondarabai Guiglia, 1950:249. Objective synonym of *Tachysphex gondarabai* Guiglia, 1943.

120. *gracilicornis* Arnold

Tachytes gracilicornis Arnold, 1944:27, ♀. Holotype: ♀, Mozambique: Amatongas Forest (SAM). – R. Bohart and Menke, 1976:265 (listed).

121. *grisselli* R. Bohart

Tachytes grisselli R. Bohart, 1994a:346, ♀, ♂. Holotype: ♂, USA: Florida: Alachua County: Gainesville (UCD).

122. *guatemalensis* Cameron

Tachytes guatemalensis Cameron, 1889a:60, ♀. Holotype or syntypes: ♀, Guatemala: Mirandilla (BMNH). – Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crab-

ronidae, as *gautemalensis*); R. Bohart and Menke, 1976:265 (listed); Krombein, 1979b:1626 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae).

Liris coxalis Patton, 1892:90, ♀, ♂. Syntypes: USA: Florida: no specific locality (destroyed). Synonymized with *Tachytes aurulentus* by W. Fox, 1892c:138 and with *Tachytes guatemalensis* by R. Bohart in Bohart and Menke, 1976:265.

123. *habilis* R. Turner

Tachytes habilis R. Turner, 1917d:35, ♂. Holotype: ♂, Malawi: se. shore of Lake Nyasa between Fort Maguire and Fort Johnston (BMNH). – Arnold, 1923b:216 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae), 1951:47 (Mali: Koundé-Sarè); R. Bohart and Menke, 1976:265 (listed).

124. *hades* Schrottky

Tachytes hades Schrottky, 1903a:43, ♀. Holotype or syntypes: ♀, Brazil: Minas Gerais: no specific locality (depository?). – R. Bohart and Menke, 1976:265 (listed); R. Bohart, 1979:465 (in revision of South American *Tachytes*; Argentina, Paraguay, Bolivia, Peru, Brazil); Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:20 (in catalog of Aculeata of Trinidad, West Indies).

Tachytes minos Schrottky, 1903a:43, ♂. Holotype or syntypes: ♂, Brazil: S+o Paulo: no specific locality (depository?). Synonymized with *Tachytes hades* by R. Bohart in Bohart and Menke, 1976:265.

125. *hainanensis* Wu and Li

Tachytes hainanensis Wu and Li, 2006b:529, ♂. Holotype: ♂, Chiana: Hainan: top of Jianfeng Mountain (YUNNAN AGRICULTURAL UNIVERSITY, KUNMIN). – T. Li, Cai, and Li, 2008: 155 (in key to *Tachytes* of China)

126. *hamiltoni* R. Turner

Tachytes hamiltoni R. Turner, 1917d:17, ♂. Syntypes: Kenya (BMNH). – Arnold, 1923b:201 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); Guiglia, 1939d:75 (Ethiopia: Sidamo: Moyale); Arnold, 1951:147 (Ghana: Accra, ♀); R. Bohart and Menke, 1976:265 (listed).

127. *harpax* Patton

Tachytes harpax Patton, 1880:395, ♀, ♂. USA: Connecticut: Waterbury (...). – Kohl, 1885a:402 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:238 (in revision of North American *Tachytes*), 1894a:501 (in revision of North American Larrinae); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); H. Smith, 1908b:378 (in revision of Nebraskan Sphecidae); Rohwer, 1916b:686 (in catalog of Hymenoptera of Connecticut); Mickel, 1918b:415 (in catalog of Nebraskan Sphecidae); Brimley, 1938:442 (North Carolina: Raleigh); Banks, 1942:412 (in revision of North American *Tachytes*); Brimley, 1942:35 (deleted from list of North Carolina insects); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Krombein, 1953a:296 (visiting foliage of *Quercus marilandica*), 329 (North Carolina); Kurczewski and Kurczewski, 1963:146 (Pennsylvania: Presque Isle State Park); R. Bohart and Menke, 1976:265 (incorrectly listed as junior synonym of *Tachytes hamiltoni*); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Buck, 2004:25 (in checklist of Crabronidae of Ontario, Canada), 29 (distribution within Ontario), 45 (first record from Canada: Ontario: list of localities); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

Tachytes dubitatus Rohwer, 1909d:202, ♀, ♂. Syntypes: USA: Wisconsin: Milwaukee County: Racine and no specific locality (Public Mus. Milwaukee). Synonymized with *Tachytes harpax* by ... – Noonan, 1984:6 (2 syntypes in Milwaukee Public Museum).

128. *hirsutus* F. Smith

Tachytes hirsutus F. Smith, 1856:300, ♂. Holotype or syntypes: ♂, South Africa: Natal: Port Natal (BMNH). – Kohl, 1885a:403 (in checklist of world *Tachytes*); Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Bingham, 1902:209 (South Africa: Pretoria); R. Turner, 1917d:35 (Malawi, Zimbabwe, as *hirsuta*); Arnold, 1923b:213 (revision, as *hirsuta*), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed).

129. *illabefactus* Pulawski

Tachytes sp.: de Beaumont, 1961e:4 (Iraq: Mahaweel).

Tachytes illabefactus Pulawski, 1962b:411, ♀. Holotype: ♀, Iraq: Mahaweel (München); R. Bohart and Menke, 1976:265 (listed).

130. *imperialis* de Saussure

Tachytes imperialis de Saussure, 1867:71, ♀. Holotype or syntypes: ♀, Chile: no specific locality (MHNG). – Kohl, 1885a:403 (in checklist of world *Tachytes*); Reed, 1894:630 (revision); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); Zapata, 1974:37 (Chile: Lampa near Santiago); R. Bohart and Menke, 1976:265 (listed); R. Bohart, 1979:466 (in revision of South American *Tachytes*; Chile, Argentina); Sielfeld, 1981b:72 (in checklist of Chilean Sphecidae); Dollfuss, 1989:13 (type material in NHMW); Amarante, 2002:37 (in catalog of Neotropical Crabronidae). – As *Ancistromma dichrous* var. *imperialis*: Jaffuel and Piri6n, 1926:376 (Chile: new combination, new status, valle de Marga Marga).

Tachytes saussurei Reed, 1894:632, ♂. Syntypes: Chile: no specific locality (MCZ). Synonymized with *Tachytes imperialis* by Herbst, 1921c:113. – Br6thes, 1910b:145 (Chile); Herbst, 1921b:112 (specimens of Br6thes, 1910, are *Tachytes dichrous*).

131. *indicus* Dalla Torre

Tachytes ornatipes Cameron, 1889c:137, sex not indicated, primary homonym of *Tachytes ornatipes* Cameron, 1889. Holotype or syntypes: India: West Bengal: Barrackpore 20 km N Calcutta (OXUM). – Bingham, 1897:190 (redescription).

Tachytes indicus Dalla Torre, 1897:691. Substitute name for *Tachytes ornatipes* Cameron, 1889. – R. Bohart and Menke, 1976:265 (listed).

132. *indifferens* Arnold

Tachytes indifferens Arnold, 1945:110, ♀, ♂. Syntypes: Madagascar: Behara, Bekily (MNHN). – Leclercq, 1960a:99 (Madagascar), 1961d:111 (Madagascar); R. Bohart and Menke, 1976:265 (listed); Leclercq, 1990b:118 (Madagascar); Madl, 1997:820 (Madagascar: Nosy Boraha Island), 821 (in checklist of Nosy Boraha Sphecidae); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae).

133. *indulgens* Cheesman

Tachytes indulgens Cheesman, 1937:208, ♀. Holotype: ♀, Vanuatu: Malekula (BMNH). – R. Bohart and Menke, 1976:265 (listed).

134. *inexorabilis* R. Turner

Tachytes inexorabilis R. Turner, 1917d:36, ♀, ♂. Syntypes: South Africa: Transvaal: Johannesburg, and Natal: Howick (BMNH). – Arnold, 1923b:213 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); Scott in Arnold 1933a:368 (Ethiopia: Higo Samula); R. Bohart and Menke, 1976:265 (listed).

135. *instabilis* R. Turner

Tachytes instabilis R. Turner, 1917d:39, ♂, ♀. Syntypes: Malawi: Mlanje (BMNH). – Arnold, 1923b:214 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:92 (Zaire); R. Bohart and Menke, 1976:265 (listed).

136. *integer* Gussakovskij

Tachytes integer Gussakovskij, 1933b:277, ♂ (as *integra*, incorrect original termination). Holotype: ♂, Iran: Purra E Bampur (ZIN). – As *Tachytes integer*: Pulawski, 1962b:456 (in revision of Palearctic *Tachytes*); Myartseva, 1963b:58 (Turkmenistan: lower Murgab River) 1965:77 (Turkmenistan: Akibay); R. Bohart and Menke, 1976:265 (listed); Kazenas, 1978b:105, 109 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:63 (geographic distribution, collecting localities in Kazakhstan), 2008a:101 (Southeastern Kazakhstan: Ili River valley: 300-60 km E Chilik, near Dubun').

137. *intermedius* (Viereck)

Tachysphex intermedius Viereck, 1906:211, ♂. Holotype: ♂, USA: Kansas: Douglas County: no specific locality ((KU). – As *Tachytes intermedius*: F. Williams, 1914a:154 (new combination, in revision of Larrinae of Kansas); Mickel, 1918b:417 (in catalog of Nebraskan Sphecidae); Banks, 1942:430 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:265 (listed); Krombein, 1979b:1626 (in catalog of North American Hymenoptera); Kurczewski and Kurczewski, 1984:176-184 (nesting habits); Spofford and Kurczewski, 1992:997 (species of miltogrammine parasites listed), 1002 (counter-cleptoparasitic behavior: diversionary flight), 1005 (post-larvipositional counter-cleptoparasitic behavior: cleaning prey); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Buck, 2004:25 (in checklist of Crabronidae of Ontario, Canada), 29 (distribution within Ontario), 45 (first record from Canada: Ontario: list of localities); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

Tachytes minutus Rohwer, 1909a:128, ♂. Holotype or syntypes: USA: Texas: Lee County: no specific locality (USNM). Synonymized with *Tachytes intermedius* by R. Bohart in Bohart and Menke, 1976:265. – Mickel, 1918b:418 (in catalog of Nebraskan Sphecidae); Brimley, 1938:443 (North Carolina: Raleigh, Red Springs, Tarboro); Banks, 1942:432 (in revision of North American *Tachytes*); Brimley, 1942:35 (North Carolina: Raleigh); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); Krombein and Evans, 1955:231 (Florida: Olga); Krombein, 1963f:273 (Maryland: Plummers Island near Washington, D.C.); Krombein and Kurczewski, 1963:146 (nesting habits); Kurczewski, 1966:147-155 (nesting habits); Kurczewski and Kurczewski, 1971:132 (prey: *Tridactylus apicalis* Say and *minutus* Scudder, Tridactylidae).

Tachytes maestus Mickel, 1916a:417, ♀. Holotype: ♀, USA: Nebraska: Omaha (UNL). Synonymized with *Tachytes intermedius* by R. Bohart in Bohart and Menke, 1976:265. – Mickel, 1918b:418 (in catalog of Nebraskan Sphecidae); Banks, 1942:429 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); Muma, 1952:23 (type in UNL, listed twice: under generic names *Tachysphex* and *Tachytes*), 28 (paratypes in UNL).

Tachytes austerus Mickel, 1916a:417, ♀. Holotype: ♀, USA: Nebraska: Omaha (UNL). Synonymized with *Tachytes intermedius* by R. Bohart in Bohart and Menke, 1976:265. – Mickel, 1918b:417 (in catalog of Nebraskan Sphecidae); Banks, 1942:430 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Muma, 1952:23 (type in UNL).

Tachytes amicus Banks, 1942:432, ♂. Holotype: USA: New York: Long Island: Cold Spring (MCZ). Synonymized with *Tachytes minutus* by G. Bohart in Muesebeck et al., 1951:948. – Brimley, 1942:35 (North Carolina: Raleigh).

138. *interstitialis* Cameron

Tachytes interstitialis Cameron, 1900a:20, ♀. Holotype or syntypes: ♀, Sri Lanka: no specific locality (BMNH). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:265 (listed).

139. *irreverens* Cheesman

Tachytes irreverens Cheesman, 1937:207, ♀. Holotype: ♀, Vanuatu: Aneityum (BMNH). – R. Bohart and Menke, 1976:265 (listed).

140. *irritabilis* R. Turner

Tachytes irritabilis R. Turner, 1917d:28, ♂. Holotype or syntypes: ♂, Malawi: Mlanje (BMNH). – Arnold, 1923b:208 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed).

141. *jucundus* F. Smith

Tachytes jucundus F. Smith, 1856:305, ♀. Holotype or syntypes: ♀, Brazil: Amazonas: Villa Nova, now Parintins (BMNH). – Kohl, 1885a:403 (in checklist of world *Tachytes*); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:265 (listed); R. Bohart, 1979:467 (in revision of South American *Tachytes*; Guiana, Peru, Brazil); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

Tachytes fulvipes Schrottky, 1903a:44, ♀, junior primary homonym of *Tachytes fulvipes* F. Smith, 1856. Holotype or syntypes: ♀, Brazil: no specific locality (depository?). Synonymized with *Tachytes jucundus* by R. Bohart, 1979:467. – R. Bohart and Menke, 1976:265 (listed).

142. *kristenseni* R. Turner

Tachytes kristenseni R. Turner, 1917d:30, ♀. Holotype: Ethiopia: Harar (BMNH). – R. Turner, 1929b:557 (Namibia: Okahandja); Arnold, 1923b:206 (revision, as *Kristenseni*), 1930:5 (in checklist of Afrotropical Sphecidae); Scott in Arnold 1933a:368 (Ethiopia: Harar District); R. Bohart and Menke, 1976:265 (listed).

143. *labilis* R. Turner

Tachytes labilis R. Turner, 1917d:17, ♀, ♂. Syntypes: Malawi: Mlanje (BMNH). – Arnold, 1923b:200 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed).

144. *lachesis* R. Turner

Tachytes lachesis R. Turner, 1917d:40, ♀. Holotype: ♀, Malawi: Mlanje (BMNH). – Arnold, 1923b:215 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed).

145. *lamborni* Arnold

Tachytes lamborni Arnold, 1934:28, ♀ (as *Lamborni*, incorrect original capitalization). Holotype: ♀, Benin: Port Cotonou (OUM). – R. Bohart and Menke, 1976:265 (listed).

146. *lamentabilis* Arnold

Tachytes lamentabilis Arnold, 1951:148, ♂, ♀. Syntypes: Ghana: Aburi (BMNH). – R. Bohart and Menke, 1976:265 (listed).

147. *lanuginosus* Pulawski

Tachytes lanuginosus Pulawski, 1962b:357, ♀, ♂. Holotype: ♀, Uzbekistan: Zaravshan Valley: Changhir in Khatyrchi region (ZIN). – Myartseva, 1972a:77 (Turkmenistan); R. Bohart and Menke, 1976:265 (listed); Kazenas, 1978b:106, 110 (in key to Sphecidae of Kazakhstan and Central Asia); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia).

148. *latifrons* Tsuneki

Tachytes latifrons Tsuneki, 1964a:9, ♀, ♂. Holotype: ♂, Japan: Fukui Prefecture: no specific locality (originally K. Tsuneki coll., now Hyogo Mus.). – Tsuneki, 1964a:2, 3 (key), 10 (insertion into Pulawski's key), 1964l:63 (key); Haneda, 1968a:43 (Japan); T. Iida, 1968:21 (Japan); Itami, 1968a:15 (Japan: Yamagata Prefecture: foot of Mount Iide); Nishino, 1968:24 (Japan, determination tentative); Tano, 1968:36 (Japan); Itami, 1969:48 (Japan: Niigata Prefecture); R. Bohart and Menke, 1976:265 (listed); Kazenas, 1980e:89 (Russia: Primorskiy Krai); Tano, 1994a:5 (holotype in K. Tsuneki collection); Nemkov *in* Nemkov, Kazenas, Budrys, et Antropov, 1995:409 (in key to Sphecidae of Russian Far East); Hashimoto and Nakanishi, 1997:20 (holotype transferred to Hyogo Mus.); Haneda and Inoue, 2003:50 (Japan: Fukui Prefecture: Katsumi in City of Obama); Suda, 2004:40 (Japan: Yamana-shi Prefecture); Kinota, Haneda, and Tano, 2005:30 (Japan: Hokkaido); Haneda, Nozaka, Tano, Kurokawa and Murota, 2006:22 (Japan: Toyama Prefecture); Nemkov, 2008b:19 (in catalog of Crabronidae of Asiatic Russia); Nemkov, 2009b:77 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia), 2009c:237 (Russia: Primorskiy Krai: Lazovsky Nature Reserve).

149. *lepidus* Arnold

Tachytes lepidus Arnold, 1929c:389, ♀, ♂. Syntypes: Zimbabwe: Sawmills (SAM). – Arnold, 1930:5 (in checklist of Afrotropical Sphecidae), 1940:119 (additional description); R. Bohart and Menke, 1976:265 (listed).

150. *leprieurii* (Spinola)

Lyrops leprieurii Spinola, 1841:111, ♂ (as *Leprieurii*, incorrect original capitalization). Holotype: ♂, French Guiana: Cayenne (M. Spinola collection, Torino). – Casolari and Casolari Moreno, 1980:112 (specimens in M. Spinola collection); Pagliano, 2008:546 (specimens in M. Spinola collection, Torino). – **As *Tachytes leprieuri***: Kohl, 1885a:403 (new combination, in checklist of world *Tachytes*); Dalla Torre, 1897:691 (new combination, in catalog of world Sphecidae); R. Bohart and Menke, 1976:265 (listed); R. Bohart, 1979:468 (in revision of South American *Tachytes*; Argentina to Panama); Callan, 1991a:8 (Trinidad); Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:20 (in catalog of Aculeata of Trinidad, West Indies).

Tachytes apiformis F. Smith, 1856:304, ♀. Holotype or syntypes: ♀, Brazil: Pará: Santarem (BMNH). Synonymized with *Tachytes leprieurii* by R. Bohart *in* Bohart and Menke, 1976:265. – Taschenberg, 1870:15 (Argentina); Kohl, 1885a:399 (in checklist of world *Tachytes*); Dalla Torre, 1897:687 (in catalog of world Hymenoptera, misspelled *apifrons*); Schrottky, 1903b:177 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); Jörgensen, 1912:293 (Argentina: Mendoza Province); Brèthes, 1913:152 (*Tachytes staegeri* is probably a synonym); Schrottky, 1913a:231 (listed). – **As *Lyrops apiformis***: Casolari and Casolari Moreno, 1980:112 (new combination, specimens in M. Spinola collection); Pagliano, 2008:546 (specimens in M. Spinola collection, Torino).

151. *levantinus* Pulawski

As *Tachytes vagus*: Radoszkowski, 1886:29 (Turkmenistan, male genitalia) and 1892:590 (reference to Radoszkowski, 1886a), corrected to *Tachytes levantinus* by Pulawski, 1962b:361.

As *Tachytes vaga* "B": de Beaumont, 1936b:604, corrected to *Tachytes levantinus* by Pulawski, 1962b:361.

Tachytes levantinus Pulawski, 1962b:361, ♀, ♂. Holotype: ♂: Syria: Damascus area: Kissoue road (Lausanne). – de Beaumont, 1967a:330 (Turkey), 1970a:400 (Afghanistan), 1970c:14 (Iran: Baluchistan); R. Bohart and Menke, 1976:265 (listed); Kazenas, 1978b:107, 110 (in key to Sphecidae of Kazakhstan and Central Asia); Dollfuss, 1989:13 (paratype in NHMW); Roche and Zalut, 1994:115 (Egypt: Sinai Peninsula); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:64 (geographic distribution, collecting localities in Kazakhstan), 2008a:101 (Southeastern Kazakhstan: Ili River valley: 10 km NE and 20 km W Chundzha); Ljubomirov and Yildirim, 2008:225 (in catalog of Crabronidae of Turkey).

152. *lingnaii* Arnold

Tachytes lingnaii Arnold, 1933b:52, ♂ (as *Lingnaii*, incorrect original capitalization). Holotype: ♂: South Africa: Transvaal: Magalieskraal 60 km NW Pretoria (DEI). – Oehlke and Wudowenz, 1974:424 (holotype and paratype in DEI); R. Bohart and Menke, 1976:265 (listed).

153. *lissinus* R. Bohart

Tachytes lissinus R. Bohart, 1979:469, ♀. Holotype: ♀, Argentina: Tucumán: Cadillal (UCD). – Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

154. *longirostris* Arnold

Tachytes longirostris Arnold, 1947:154, ♀. Syntypes: Zambia: Nsama, Mweru (SAMP). – R. Bohart and Menke, 1976:265 (listed).

155. *lugubris* Walker

Tachytes lugubris Walker, 1871:22, ♀. Holotype or syntypes: ♀, Egypt: Sinai: Wadi Feiran (lost). – Kohl, 1885a:403 (in checklist of world *Tachytes*); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:265 (listed).

156. *maculicornis* E. Saunders

Tachytes maculicornis E. Saunders, 1910:523, ♀, ♂. Syntypes: Algeria: Biskra (OXUM). – Morice, 1911:99 (Algeria: Biskra); von Schulthess, 1926b:214 (Tunisia: Kairouan); Nadig, 1933:84 (Morocco: Asni); de Beaumont, 1950d:17 (Egypt: Siwa oasis), 1950f:405 (Algeria: Laghouat), 1955a:171 (Morocco), 1956a:196 (Libya), 1958b:60 (Algeria: Tassili des Ajjer); R. Bohart and Menke, 1976:265 (listed).

157. *maerens* R. Turner

Tachytes maerens R. Turner, 1917d:21, ♀. Syntypes: ♀, Malawi: Mlanje (BMNH). – Arnold, 1923:190 (original description copied, as *moerens*), 1930:4 (in checklist of Afrotropical Sphecidae, as *moerens*); R. Bohart and Menke, 1976:265 (listed).

158. *magellanicus* Williams

Tachytes magellanicus Williams, 1928a:91, ♀, ♂ (as *magellanica*, incorrect original termination). Holotype: ♀, Philippines: Luzon: Island of Sibuyan: no specific locality (BISHOP). – Baltazar, 1966:328 (in catalog of Hymenoptera of Philippines, as *magellanica*); R. Bohart and Menke, 1976:265 (listed); Tsuneki, 1983a:55 (Philippines; taxonomic comments).

159. *maindroni* Berland

Tachytes maindroni Berland, 1942:5, ♀ (as *Maindroni*, incorrect original capitalization). Holotype: ♀, Djibuti: no specific locality (MNHN). – R. Bohart and Menke, 1976:265 (listed).

160. *manjikuli* Tsuneki

Tachytes manjikuli Tsuneki, 1963c:5, ♂. Holotype: ♂, Thailand: Chantaburi (Sasayama Univ.); R. Bohart and Menke, 1976:265 (listed).

161. *maroccanus* Pulawski

Tachytes maroccanus Pulawski, 1962b:459, ♂. Holotype: ♂, Morocco: Tafilalet: Rissani (MNHN). – R. Bohart and Menke, 1976:265 (listed).

Tachytes aegyptiacus Pulawski, 1962b:460, ♀. Holotype: ♀, Egypt: Fayum (LAUSANNE). Synonymized with *Tachytes maroccanus* by Pulawski in Bohart and Menke, 1976:265. – Guichard, 1980:227 (Oman).

162. *marshalli* R. Turner

Tachytes marshalli R. Turner, 1912c:420, ♀, ♂. Syntypes: Zimbabwe: Salisbury, now Harare; Malawi: Lilongwe District and between Rukuru Valley and Florence Bay (BMNH). – R. Turner, 1917d:10 (revision; Zimbabwe); Arnold, 1923a:182 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed).

163. *matronalis* Dahlbom

Tachytes matronalis Dahlbom, 1845:471, ♀. Holotype: ♀, "Egypt", probably Greece: Rhodes Island (STOCKHOLM). – De Stefani Perez, 1882:38, 39 (Italy: Sicilia: Sciacca); Kohl, 1885a:396 (original description copied), 404 (in checklist of world *Tachytes*); De Stefani Perez, 1895:226 (in catalog of Sicilian Hymenoptera); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); de Beaumont, 1949a:127 (study of holotype), 1961c:49 (Greece: Crete Island); Pulawski, 1962b:348 (in revision of Palearctic *Tachytes*); Ceballos, 1964:91 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1965a:46 (Greece), 1967a:330 (Turkey), 1970a:400 (Afghanistan); Kazenas, 1972b:163 (Kazakhstan); de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel); R. Bohart and Menke, 1976:265 (listed); Georghiou, 1977:193 (Cyprus); Kazenas, 1978b:106, 110 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:224 (in key to Sphecidae of European part of former USSR); K. Schmidt and Bitsch *in* Bitsch et al., 2001:217 (in Sphecid Fauna of Western Europe); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:64 (geographic distribution, collecting localities in Kazakhstan); Gayubo, Özbek, and Yıldırım, 2003:88 (Turkey: Erzurum: Palandöken); Kazenas, 2004b:103 (Kazakhstan: western Tien Shan); Shoreiko, 2005a:163 (Ukraine: Crimea), 2005b:98 (Ukraine: Crimea: Karadagh Nature Reserve); Standfuss and Standfuss, 2006b:96 (Greece: Thessalia: Magnissia Peninsula at 39°N 23°E); Yıldırım and Ljubomirov, 2005:120 (Turkey: Erzurum: Oltu); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China), 158 (first record from China: Xinjiang: Malasi and Wusulaochepaizi); Ljubomirov and Yıldırım, 2008:227 (in catalog of Crabronidae of Turkey); Pagliano, 2009:184 (Italy: recorded from Sicilia by De StefaniPerez, but not found since then; occurrence in Italy needs confirmation).

Tachytes obesus Kohl, 1884a:365, ♀, ♂ (as *obesa*, incorrect original termination). Lectotype: Greece: Ionian Islands: Syra, now Syros (ZIN), designated by Pulawski, 1962b:351. Synonymized with *Tachytes matronalis* by de Beaumont, 1949a:127. – Kohl, 1885:331 (in key to European *Tachytes*), 334 (in revision of European *Tachytes*), 405 (in checklist of world *Tachytes*); Dalla Torre, 1897:692 (in catalog of world Hymenoptera); Kohl, 1905c:233 (Turkey: Kayseri: Erciyes Dağı); W. Schulz, 1905b:45 (Algeria: Biskra); de Beaumont, 1947b:390 (Cyprus); Ceballos, 1956:378 (in catalog of Hymenoptera of Spain, as *obesa*); Dollfuss, 1989:13 (type material in NHMW).

Tachytes vaga Radoszkowski "C": de Beaumont, 1936b:604 (description), corrected to *Tachytes obesa* by de Beaumont, 1936b:605 (footnote).

164. *megaera* R. Turner

Tachytes megaera R. Turner, 1917d:40, ♀. Holotype: ♀, Ghana: Yapi (BMNH). – Arnold, 1923b:217 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed; incorrectly spelled *megaerus*; *megaera* is a noun and thus invariable).

165. *melancholicus* Arnold

Tachytes melancholicus Arnold, 1923:214, ♂ (as *melancholica*, incorrect original termination). Holotype: ♀, Zimbabwe: Victoria Falls (SAM). – Arnold, 1929c:388 (additional description), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed); Hancock, Chahwanda, and Mhlanga, 1995:40 (paratype in Bulawayo Museum).

166. memnon R. Turner

Tachytes memnon R. Turner, 1916d:446, ♀. Holotype or syntypes: ♀, Malawi: Mlanje (BMNH). – Arnold, 1923a:189 (original description copied), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:265 (listed).

167. menkei R. Bohart

Tachytes menkei R. Bohart, 1979:469, ♂, ♀. Holotype: ♂, Brazil: Santa Catarina: Nova Teutonia (UCD). – Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

168. meraukensis Cameron

Tachytes meraukensis Cameron, 1911:201, ♀. New Guinea: Lorentz River: Bivak Island (ZMAN). – R. Bohart and Menke, 1976:265 (listed).

169. mergus W. Fox

Tachytes mergus W. Fox, 1892e:250, ♀. Holotype: ♀, USA: New Jersey: Camden County: no specific locality (ANSP). – W. Fox, 1894a:504 (in revision of North American Larrinae); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Mickel, 1918b:418 (in catalog of Nebraskan Sphecidae); F. Williams, 1914a:157 (in revision of Larrinae of Kansas); Rau, 1922:27 (USA: Missouri: St. Louis); Cresson, 1928:45 (holotype in ANSP); F. Williams, 1928a:53 (Brazil: Pará: Belem; nesting habits); Banks, 1942:434 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); Krombein, 1953a:281 (observing females on the ground), 1953a:296 (visiting foliage of *Quercus marilandica*), 329 (North Carolina), 1953b:123 (visiting foliage of *Quercus virginiana*), 125 (attracted to a grass), 132 (North Carolina: Kill Devil Hills); Krombein and Evans, 1954:232 (Florida: Arcadia and Everglades), 1955:231 (Florida: Arcadia); Krombein and Kurczewski, 1963:143 (nesting habits); Evans, 1964b:287 (larva); Kurczewski, 1966a:147-153 (nesting habits); C. Lin, 1967a:243 (review of nesting habits); R. Bohart and Menke, 1976:265 (listed); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a); Krombein, 1979b:1627 (in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:665 (in checklist of Mexican Sphecidae).

Tachytes minor Rohwer, 1909a:127, ♂. Holotype or syntypes: ♂, USA: Texas: Lee County: no specific locality (USNM). Synonymized with *Tachytes mergus* by Krombein, 1948b:19. – Mickel, 1918b:418 (in catalog of Nebraskan Sphecidae); Banks, 1942:427 (in revision of North American *Tachytes*).

Tachytes obscuranus Rohwer, 1909d:205, ♀, ♂ (♂ = *Tachytes birkmanni*). Holotype: ♀, USA: Texas: Lee County: no specific locality (USNM). Synonymized with *Tachytes mergus* by Banks, 1942:434. – Krombein, 1948b:18 (the ♂ is not conspecific with ♀).

Tachytes ariella Banks, 1942:434, ♀. Holotype: ♀, USA: Arizona: Tempe (MCZ). Synonymized with *Tachytes mergus* by R. Bohart in Bohart and Menke, 1976:266. – G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera).

170. micantipygus Strand

Tachytes micantipygus Strand, 1910a:168, ♀. Lectotype: ♀, Paraguay: Asunción (ZMHU), designated by R. Bohart, 1979:471. – R. Bohart and Menke, 1976:266 (listed); R. Bohart, 1979:471 (in revision of South American *Tachytes*; Argentina, Paraguay, Bolivia, Peru); Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

171. midas Arnold

Tachytes midas Arnold, 1929c:389, ♂, ♀. Syntypes: Zimbabwe: Bulawayo and Essexvale (SAM). – Arnold, 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:266 (listed).

172. *minutior* R. Bohart

Tachytes minutior R. Bohart, 1979:471, ♀, ♂. Holotype: ♀, Argentina: Cordova: Alta Gracia (UCD). – Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

173. *mirus* Kohl

Tachytes mirus Kohl, 1894:295, ♀ (as *mira*, incorrect original termination). Holotype or syntypes: ♀, Mozambique: Delagoa Bay (TMP). – Dalla Torre, 1897:691 (in catalog of world Hymenoptera); nec R. Turner, 1916d:445 and 1917d:11 (= *Tachytes danae*); Arnold, 1923a:188 (similar to *observabilis*), 1930:4 (in checklist of Afrotropical Sphecidae); Berland, 1942:3 (Central African Republic: Fort Sibut). – **As *Tachytes mirus***: R. Bohart and Menke, 1976:266 (listed).

Tachytes pulchrivestitus Cameron, 1908a:284, ♀ (as *pulchrivestita*, incorrect original termination). Holotype or syntypes: ♀, Kenya: Usambara: Mombo (NRS). Synonymized with *Tachytes mirus* by R. Turner, 1913:754. – R. Turner, 1917d:20 ("from the description this appears to be nearest to *T. rhodesiana*").

174. *mitis* R. Turner

Tachytes mitis R. Turner, 1916c:301, ♀, ♂. Syntypes: Western Australia: Kalamunda; Queensland: Townsville (BMNH). – R. Bohart and Menke, 1976:266 (listed); Cardale, 1985:237 (in catalog of Australian Sphecidae).

175. *modestus* F. Smith

Tachytes modestus F. Smith, 1856:299, ♀. Lectotype: ♀, India: Punjab: no specific locality (BMNH), designated by Pulawski, 1975a:316. – de Saussure, 1867:72 (China: Shanghai); Kohl, 1885a:404 (in checklist of world *Tachytes*); Cameron, 1889c:136 (redescription); Bingham, 1897:190 (redescription, as *modesta*); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); Bingham, 1905:43 (Malaysia: Biserat); Cameron, 1905k:62 (Java, as *modesta*); Bingham, 1908:355 (India: Calcutta); Giner Marí, 1945c:856 (India: Maharashtra: Khandala; as *modesta*); Iwata and Yoshikawa, 1961:399 (Thailand, as *modesta*); Tano, 1964:38 (Japan: Kyushu: Yakushima Island); Tsuneki, 1964a:2, 3 (key), 5 (Japan; redescription), 10 (added to Pulawski's key), 1966g:14 (Taiwan; discussion), 1967b:46 (Taiwan), 1967i:390 (Taiwan); Tano, 1968:36 (Japan); Yamada, 1971:35 (Japan: Aichi Prefecture); Tsuneki and Shimoyama, 1963:48 (Japan: Towada Prefecture); Tsuneki, 1964l:63 (key); Nishino, 1968:24 (Japan); Itami, 1969:48 (Japan: Niigata Prefecture); Haneda, 1971b:30 (Taiwan); Tsuneki, 1971h:7 (Taiwan); Haneda, 1972a:4 (Taiwan); Tsuneki; Murota, 1973b:118 (Taiwan); Tsuneki, 1974a:362 (Korea), 1974b:622 (Thailand); Nambu, 1975b:62 (Japan: Saitama Prefecture); Pulawski, 1975a:316 (diagnostic characters); R. Bohart and Menke, 1976:265 (listed); Tsuneki, 1977j:269 (Taiwan), 1982b:4 (Korea), 1982b:15 (known from Korea), 1982g:60 (known from the Ryukyu archipelago); Hua, 1989:117 (China); Tsuneki, 1991:199 (Korea); Zhou and Wu, 1993a:671 (China: Wuling Mountains); S. Gupta, 1995:86 (India: Uttar Pradesh); Miyatake, 1996:101 (specimens in Hiroshi Aoki collection); Wu and Zhou, 1996a:86 (in revision in Economic Insect Fauna of China); Kifune, 1997:407 (parasite: *Paraxenos indicus* (Pierce, 1911)); Porter, Stange, and Wang, 1999:8 (in checklist of Sphecidae of Taiwan); Yamane, Ikudome, and Terayama, 1999:515 (in Identification Guide to Crabronidae of Nansei = Ryukyu Islands, Japan); Haneda, 2003:4 (Japan: Nagasaki Prefecture: Tsushima); Tano, Kurokawa, Murota, and Nozaka, 2003:31 (Japan: Nagasaki Prefecture: Tsushima); Li and He, 2004:1100 (in hymenopterous fauna of Zhejiang Province, China); Haneda, Nozaka, Tano, Kurokawa and Murota, 2006:22 (Japan: Toyama Prefecture); Hua, 2006:283 (in list of Chinese insects, geographic distribution); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China).

Tachytes maculipennis Cameron, 1904:299, ♂. Holotype: ♂, India: Assam: Khasia (OXUM). Synonymized with *Tachytes modestus* by Pulawski, 1975a:316. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897);

ssp. banoensis Rohwer

Tachytes banoensis Rohwer, 1919:8, ♀. Holotype: ♀, Philippines: Luzon: Los Baños (USNM). – F. Williams, 1919d:139 (Philippines: Luzon: Los Baños: nesting habits), 1928a:89 (revision, description of ♂); Baltazar, 1966:328 (in catalog of Hymenoptera of Philippines); Pulawski, 1975a:317 (as synonym of *Tachytes borneanus*). – **As *Tachytes modestus banoensis***: Tsuneki, 1983a:52 (new status; Philippines).

ssp. borneanus Cameron

Tachytes borneanus Cameron, 1902a:96, ♀ (as *borneana*, incorrect original termination). Lectotype: ♀, East Malaysia: Sarawak: Kuching (BMNH), designated by Pulawski, 1975a:317. – Cameron, 1905k:62 (Java). – **As *Tachytes borneanus***: Pulawski, 1975a:317 (diagnostic characters); R. Bohart and Menke, 1976:264 (listed). – **As *Tachytes modestus borneanus***: Tsuneki, 1983a:53 (new status).

ssp. neglectus R. Turner

Tachytes neglectus R. Turner, 1917d:32, ♀, ♂ (as *neglecta*, incorrect original termination). Lectotype: ♀, Malawi: Mlanje (BMNH), designated by Pulawski, 1975a:317. – Arnold, 1923b:207 (revision), 1930:5 (in checklist of Afrotropical Sphecidae), 1951:148 (Mali: Tillembeya). – **As *Tachytes modestus neglectus***: Pulawski, 1975a:317 (new status, diagnostic characters); R. Bohart and Menke, 1976:266 (listed).

ssp. palawanicus Tsuneki

Tachytes banoensis palawanicus Tsuneki, 1976b:48, ♀, ♂. Holotype: ♀, Philippines: Palawan: Uring Uring (ZMK, Copenhagen). – **As *Tachytes modestus palawanicus***: Tsuneki, 1983a:53 (new subspecific combination).

176. monetarius F. Smith

Tachytes monetarius F. Smith, 1856:298, ♀. Holotype or syntypes: ♀: "Northern India", possibly Pakistan: Punjab: no specific locality (BMNH). – Kohl, 1885a:404 (in checklist of world *Tachytes*); Cameron, 1889c:136 (redescription); Bingham, 1897:188 (redescription); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); Nurse, 1909:512 (discussion of wing color); Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:266 (listed); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China); 158 (first record from China: Yunnan: Xishuangbanna Shanghangbuyun Xiaomengyang).

177. mongolicus Tsuneki

Tachytes mongolicus Tsuneki, 1972e:381, ♂, ♀. Holotype: ♂, Mongolia: Khovd Aymag: 10 km SSW Somon Bulgan (TMB). – R. Bohart and Menke, 1976:266 (listed).

178. mutilloides Walker

Tachytes mutilloides Walker, 1871:23, ♀. Holotype or syntypes: ♀, Africa: Red Sea coast: Harkeko (destroyed). – Kohl, 1885a:404 (in checklist of world *Tachytes*); Dalla Torre, 1897:691 (in catalog of world Hymenoptera); Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Harkeko); R. Bohart and Menke, 1976:266 (listed).

179. nasicornis Gussakovskij

Tachytes nasicornis Gussakovskij, 1952:234, ♀. Holotype: ♀, Kazakhstan: Kzyl-Orda Oblast': Tartugay (ZIN). – Pulawski, 1962b:450 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:266 (listed); Kazenas, 1978b:104, 109 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:64 (geographic distribution, collecting localities in Kazakhstan), 2008a:101 (Southeastern Kazakhstan: Ili River valley: 30 km SW Koktal, 30 km E Chilik).

Tachytes rhinocerus Gussakovskij, 1952:234, ♀. Holotype: ♀, Turkmenistan: Repetek (ZIN). Synonymized with *Tachytes nasicornis* by Pulawski, 1962b:450.

180. natalensis de Saussure

Tachytes natalensis de Saussure, 1854:21, ♂. Holotype or syntypes: ♂, South Africa: Natal: Port Natal (MHNG). – F. Smith, 1856:300 (in catalog of Hymenoptera in British Museum); de Saussure, 1867:68 (southern Africa, redescription); Kohl, 1885a:404 (in checklist of world *Tachytes*); Dalla Torre, 1897:692 (in catalog of world Hymenoptera); Bingham, 1902:209 (South Africa: Durban); R. Turner, 1917d:15 (revision; South Africa: Durban); Arnold, 1923a:189 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:266 (listed).

181. nevadensis R. Bohart

Tachytes nevadensis R. Bohart, 1962b:124, ♂, ♀. Holotype: ♂, USA: Nevada: Eureka County: 6 mi S Beowawe (CAS). – Horning and Barr, 1970:103 (USA: Idaho: Craters of the Moon National Monument); R. Bohart and Menke, 1976:266 (listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); Rust, Hanks, and Bechtel, 1983:406 (Nevada: Churchill County: Sand Mountain); R. Bohart, 1994a:345, 346 (in key to North American *Tachytes*).

182. nigrescens Berland

Tachytes nigrescens Berland, 1942:8, ♀. Holotype: ♀, Congo: Oogoué, Lambaréné (MNHN). – R. Bohart and Menke, 1976:266 (listed).

183. nigroannulatus Bischoff

Tachytes nigroannulatus Bischoff, 1913c:69, ♂. Holotype: ♂, Zimbabwe: Springvale (ZMHU). – R. Turner, 1917d:42 (revision; Zimbabwe; as *nigroannulata*); Arnold, 1923a:152 (as synonym of *Tachysphex syriacus*), 1927:117 (valid species), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:266 (listed).

Tachytes glabriusculusa Arnold, 1923b:209, ♂ (as *glabriuscula*, incorrect original termination). Syntypes: Zimbabwe: Victoria Falls, Sawmills (SAM, TMP). Synonymized with *Tachytes nigroannulatus* by Arnold, 1927:117.

ssp. lichtenburgensis Arnold

Tachytes lichtenburgensis Arnold, 1923:203, ♀, ♂. Syntypes: South Africa: Transvaal: Lichtenburg (SAM). – **As *Tachytes nigroannulata* var. *lichtenburgensis***: Arnold, 1929c:388 (new status, is only a variety of *Tachytes nigroannulata*), 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes nigroannulatus lichtenburgensis***: R. Bohart and Menke, 1976:266 (new status, listed).

184. nigropilosellus (Cameron)

Liris nigropilosellus Cameron, 1910b:132, ♂. Holotype or syntypes: ♂, South Africa: Transvaal: Rietfontein in Pretoria District (TMP). – Meade-Waldo in Meade-Waldo, Morley, and Turner, 1915:336 (as synonym of *Tachytes natalensis*); Brauns, 1917:241 (Meade-Waldo's synonymy reported). – **As *Tachytes nigropilosella***: R. Turner, 1916d:447 (new combination), 1917d:15 (revision; Malawi, South Africa, Zambia, Zimbabwe); Arnold, 1930:4 (in checklist of Afrotropical Sphecidae); Berland, 1942:3 (Gabon: Ogooué). – **As *Tachytes nigropilosellus***: R. Bohart and Menke, 1976:266 (listed); Dollfuss, 1990:122 (Central African Republic).

Tachytes gigas Bischoff, 1913c:66, ♀. Holotype: ♀, Zimbabwe: Springvale (SAM). Synonymized with *Tachytes nigropilosellus* by R. Turner, 1916d:448.

185. niloticus R. Turner

Tachytes niloticus R. Turner, 1918a:94, ♀ (as *nilotica*, incorrect original termination). Holotype or syntypes: ♀, Egypt: Maadi near Cairo (Egyptian Department of Agriculture). – de Beaumont, 1950d:17 (Egypt: Siwa oasis, description of ♂), 1955a:172 (Morocco: Marrakech); Pulawski, 1962b:386 (in revision of Palearctic *Tachytes*); de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel); R. Bohart and Menke, 1976:266 (listed); Kazenas, 1978b:105, 110 (in key to Sphecidae of Kazakhstan and Central Asia); Guichard, 1980:227 (Oman); Roche and Zalut, 1994:115 (Egypt: Sinai Peninsula); Guichard, 1994b:218 (Arabian Peninsula); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia).

Tachytes curiosus Gussakovskij, 1952:235, ♀ (as *curiosa*, incorrect original termination). Holotype: ♀, Tajikistan: Ayvadh, mouth of Kafirnigan River (ZIN). Synonymized with *Tachytes niloticus* by Pulawski, 1962b:386. – Pulawski, 1965c:573 (study of holotype, synonymy confirmed).

186. *nitidiusculus* (F. Smith)

Larrada nitidiuscula F. Smith, 1856:289, ♀. Holotype or syntypes: ♀, Brazil: Pará: Santarem (BMNH). – As *Larra nitidiuscula*: Kohl, 1885a:246 (new combination, in checklist of world *Larra*); Dalla Torre, 1897:671 (in catalog of world Hymenoptera). – As *Tachytes nitidiusculus*: Brèthes, 1913:151 (new combination); R. Bohart and Menke, 1976:266 (listed); R. Bohart, 1979:472 (in revision of South American *Tachytes*; n. Argentina to Colombia); Garcete-Barrett, 2001b:61 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

187. *nitidulus* (Fabricius)

Crabro nitidulus Fabricius, 1793:294, sex not indicated. Holotype: ♂, India: no specific locality (ZMK). – Fabricius, 1796:51 (in Index to his Entomologia Systematica, 1793), 1804:309 (redescription); Lepeletier de Saint Fargeau and Brullé, 1835:807 (discussion of species identity). – As *Tachytes nitidulus*: Dahlbom, 1845:XXIV (new combination, type material examined), 470 (in key); F. Smith, 1856:298 (in catalog of Hymenoptera in British Museum), 1858a:101 (Borneo: Sarawak); Kohl, 1885a:404 (in checklist of world *Tachytes*); Cameron, 1889c:141 (listed); Bingham, 1897:190 (redescription, as *nitidula*); Dalla Torre, 1897:692 (in catalog of world Hymenoptera); Giner Mari, 1945c:856 (India: Maharashtra: Khandala; as *nitidula*); van der Vecht, 1961a:12 (study of type, redescription); R. Bohart and Menke, 1976:266 (listed).

188. *nomarches* Pulawski

Tachytes nomarches Pulawski, 1962b:367, ♀. Holotype: ♀, se. Egypt: Halaib on Red Sea (Lausanne); R. Bohart and Menke, 1976:266 (listed).

189. *notabilis* R. Turner

Tachytes notabilis R. Turner, 1917d:41, ♀, ♂. Syntypes: Kenya, Malawi, Uganda (BMNH). – Arnold, 1923b:210 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:92 (Zaire, determination?); R. Bohart and Menke, 1976:266 (listed); Dollfuss, 1990:122 (Central African Republic).

190. *nudiventris* R. Turner

Tachytes nudiventris R. Turner, 1917d:25, ♀, ♂. Syntypes: Uganda (BMNH). – Arnold, 1923b:198 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae); Berland, 1942:3 (Congo: Ogooué N'Kogo); R. Bohart and Menke, 1976:266 (listed).

191. *obductus* W. Fox

Tachytes obductus W. Fox, 1892e:250, ♀. Holotype: ♀ Tennessee: no specific locality (ANSP). – W. Fox, 1894a:504 (in revision of North American Larrinae); Dalla Torre, 1897:692 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae, as *abductus*); Rohwer, 1909d:201 (Texas: Lee County); F. Williams, 1914a:153 (in revision of Larrinae of Kansas), 198 (nesting habits); Mickel, 1918b:418 (in catalog of Nebraskan Sphecidae); Rau, 1922:27 (USA: Missouri: Wesco); Cresson, 1928:45 (holotype in ANSP); Banks, 1942:427 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); Krombein, 1953a:295 (visiting foliage of *Pinus serotina*), 1953a:296 (visiting foliage of *Quercus marilandica*), 329 (North Carolina), 1953b:132 (North Carolina: Kill Devil Hills); Krombein and Evans, 1954:232 (Florida: Arcadia); Kurczewski and Kurczewski, 1971:133 (nest and prey); R. Bohart and Menke, 1976:266 (listed); Kurczewski, 1976:327 (nesting habits); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a); Krombein, 1979b:1626 (in catalog of North American Hymenoptera); Kurczewski and Spofford, 1986:19 (nesting habits); Spofford and Kurczewski, 1992:997 (species of miltogrammine parasites

listed); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Kurczewski, 1998d:250 (pine barrens in upstate New York); Amarante, 2002:37 (in catalog of Neotropical Crabronidae); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas).

192. *observabilis* Kohl

Tachytes observabilis Kohl, 1894:295, ♂. Holotype or syntypes: ♂, Tanzania: Zanzibar: no specific locality (TMP). – Dalla Torre, 1897:692 (in catalog of world Hymenoptera); R. Turner, 1917d:12 (revision; ♀; Angola, Kenya, Malawi, Uganda); Arnold, 1923a:184 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:92 (Zaire); Arnold, 1943:79 (Zaire: Albert National Park: Bitshumbi), 1951:146 (Ethiopia: Lake Anasa); I. Robertson, 1969:480 (Tanzania: Urambo); R. Bohart and Menke, 1976:266 (listed); Seyoum and Pulawski, 2001:325 (potential control agent of acridid pests in Ethiopia).

193. *obsoletus* (Rossi)

Apis obsoleta Rossi, 1792:143, ... – **As *Tachytes obsoleta***: Vander Linden, 1829:22 (new combination, bibliographic references, southern France, Germany, Italy, Spain); Herrich-Schaeffer, 1840:296 (Germany: Bayern: Regensburg area, probably *Tachytes panzeri*); Dahlbom, 1843:133 (in revision of Sphecidae and Pompilidae), 1845:471 (in key); Lepeletier de Saint Fargeau, 1845:251 (in revision of world Hymenoptera); Eversmann, 1849:385 (Russia: Astrakhan, Orenburg, and Saratov provinces); Lucas, 1849:249 (Algeria: Alger, Bône, Constantine); Kirschbaum, 1853:44 (Germany: Herzogtum Nassau: Mainz-Mombach); nec Schenck, 1857:190 (= *Tachytes panzeri*); Ruthe and Stein, 1857:313 (Germany: Berlin area); Fabre, 1856a:139 (France: Vaucluse: Avignon area); Taschenberg, 1858:85 (in key to Sphecidae of Germany); Funk, 1859:59 (Germany: Bayern: Bamberg, may be *Tachytes panzeri*); Schenck, 1860:148 (Germany: Nassau Region); Frauenfeld, 1861:103 (Croatia: Dalmatia); Brischke, 1862:100 (Germany: Preussen Province, now Poland: Pomorze Region); Taschenberg, 1866:201 (in revision of Hymenoptera of Germany); nec A. Costa, 1867a:87 and 1867c:31 (= *Tachytes panzeri*, var. = *Tachytes freygessneri*); Kirchner, 1867:216 (in catalog of European Hymenoptera); Schenck, 1867a:356 (Germany: Nassau Region); Wierzejski, 1868:116 (Ukraine: Podole Region: Mielnica, Bukowina Region: Kalinowce); Aichinger, 1870:320 (Austria: Tirol); P. Ivanov, 1872:152 (Ukraine: Khar'kiv Oblast': Kupyansk area); Dours, 1874:139 (in catalog of Hymenoptera of France); Wierzejski, 1874:257 (Ukraine: Mielnica, Kalinowce); Marquet, 1875:203 (France: Haute-Garonne: Toulouse); nec Radoszkowski, 1877:27 (= *panzeri*); Rudow, 1878:237 (almost certainly a misidentification of *Tachytes panzeri*; use of pollen as larval food, obviously in error); Girard, 1879:955 (morphology and habits); Becker, 1880:153 (Russia: Sarepta, now Krasnoarmeysk S Volgograd); Kohl, 1880:179 (Austria: Tirol, and Italy: Trentino-Alto Adige), 232 (prey: *Stenobothrus rufipes*, an acridid); Marquet, 1881:179 (southern France); Yaroshevskiy, 1881:126 (Ukraine: Khar'kiv Oblast': Kupyansk); Friese, 1883:202 (Germany: Sachsen-Anhalt: Weissenfels, probably misidentification of *Tachytes panzeri*); Kohl, 1883e:671 (Switzerland); von Heyden, 1884:116 (Germany: Frankfurt am Main); A. Costa, 1885a:5 (Italy: Sardegna); Kohl, 1885a:331 (in key to European *Tachytes*), 342 (in revision of European *Tachytes*), 405 (in checklist of world *Tachytes*); Gasperini, 1887:15 (Dalmatia: Lesina Island: San Giorgio; now Croatia: Hvar Island: Sućuraj); F. Morawitz, 1891a:207 (Russia: Astrakhan Government); Radoszkowski, 1891:590 (reference to Radoszkowski, 1886); Bezzi, 1892:123 (Italy: Lombardia: Provincia di Pavia: vicinity of Pavia); Kohl, 1893a:31 (Austria: Niederösterreich: Piesting); F. Morawitz, 1893b:410 (Tajikistan: Shing); Baldini, 1894:63 (Italy: Modena area); Brischke, 1888b:97 (Germany: Preussen Province, now Poland: Pomorze Region); Sickmann, 1894:215 (China: Hopei Province: Tientsin); De Stefani Perez, 1895:226 (in catalog of Sicilian Hymenoptera); nec Acloque, 1897:97 (= *Tachytes panzeri*); N. Arnold, 1902:90 (Russia: Mohilev Province, now Belarus', may be *Tachytes panzeri*); Antiga and Bofill, 1904:12 (Spain: Cataluña Province); Mantero, 1905:73 (Italy: Toscana: Isola del Giglio); Schmiedeknecht, 1907:230, 231 (in key to Hymenoptera of Central Europe); de Gaulle, 1908:121 (in catalog of French Hymenoptera); Mercet, 1910b:165 (listed from Spain); Graeffe, 1911:45 (Italy: Trieste area); nec Morice, 1911:100 and von Schulthess,

1926b:214 (= *Tachytes obsoletus tricoloratus*); Maidl, 1922:70 (Croatia); Coulon, 1925:121 (France: Evreux); Schmiedeknecht, 1930:692 (in keys to Hymenoptera of North and Central Europe); nec Giner Marí, 1934:134 (= *Tachytes obsoletus occidentalis*); de Beaumont, 1936b:600 (specimens in coll. Radoszkowski: Caucasus); Zavadil, 1934:188 (Slovakia); Yasumatsu and Narisada, 1935:72: (China: Liaodang: Dairen, now Dalian); Zavadil, Šusterka, and Bat'a, 1937:200 (in catalog of Sphecidae of Czechoslovakia); nec Giner Marí, 1943:132 (= *Tachytes obsoletus occidentalis*); Scobiola, 1950:20 (first record from Romania: Budești-Ilfov, Măgurele-Teleorman); Balthasar, 1958:337 (Slovakia: Gbelec); Atanassov, 1972a:191 (Bulgaria: Stara Planina Mountains), 1972b:32, 41, 48 (Bulgaria: Stara Planina Mountains). – **As *Tachytes obsoletus***: F. Smith, 1856:296 (in catalog of Hymenoptera in British Museum); Taschenberg, 1870:11 (Italy); Walker, 1871:22 (Egypt: Sinai: Wadi Feiran, record probably in error for geographic reasons); Sajó, 1882:6 (Hungary); Radoszkowski, 1886a:29 (male genitalia), 1891:590 (reference to Radoszkowski, 1886a); Dalla Torre, 1897:692 (in catalog of world Hymenoptera); Mocsáry, 1897:77 (Hungary; Croatia: Fiume, now Rijeka); Zilahi Kiss, 1904:77 (Hungary: Pele, Szarvad); nec Mercet, 1910:165 and Berland, 1925d:123 (= *Tachytes obsoletus occidentalis*); Innes Bey, 1912:111 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Wadi Feiran in Sinai Peninsula); nec Tsuneki, 1942:... (= *Tachytes panzeri orientis*); Yasumatsu, 1942c:112 (China: Nei Mongol: Beijing; Apaka at 44°N 114.96°E); Giner Marí, 1934:134 (Spain); Giner Marí, 1943a:132 (in Sphecidae Fauna of Spain); Giordani Soika, 1944:9 (Italy: Sicilia: Falcone, Messina); Zavadil and Šnoflak, 1948:154 (in key to Sphecidae of Czechoslovakia); nec de Beaumont, 1950f:405 and 1955a:171 (= *Tachytes obsoletus tricoloratus*); Balthasar, 1954b:270 (Palestine); Cleu, 1953:50 (France: Ardèche River basin); Balthasar, 1954b:270 (Palestine: Jerusalem); Atanassov, 1955:201 (Bulgaria: Alibotush Mts., Krichim near Plovdiv); Lehrer, 1955:263 (Romania: Moldova: Bîrnova in Iași District); Steiner, 1955:139 (France: Dordogne); Vogrin, 1955:38 (Yugoslavia); Ceballos, 1956:378 (in catalog of Hymenoptera of Spain); Bajári, 1957a:56 (in key to Hungarian Sphecidae); Balthasar, 1958:337 (Czechoslovakia); Pulawski, 1962b:343 (in revision of Palearctic *Tachytes*); de Beaumont, 1964c:78 (in Sphecidae Fauna of Switzerland), 1965a:46 (Greece); Balthasar, Hrubant, and Hrubant, 1967:171 (Bulgaria: Slanchev Bryag near Nessebar); de Beaumont, 1967a:331 (Turkey); Scobiola-Palade, 1967b:43 (Romania); Tsuneki, 1967e:2 (China: Manchuria, determination?); Scobiola-Palade, 1968c:384 (Romania: Budești, Turnu Măgurele); Romanova, 1969:134 (Russia: North Caucasus); Oehlke, 1970:717 (first record from Democratic Germany: Potsdam area); Balthasar, 1972:279 (in Sphecidae Fauna of Czechoslovakia); Kazenas, 1972b:164 (Kazakhstan); Simon Thomas, 1972:182 (France: Gironde, Lot-et-Garonne); de Beaumont, Bytinski-Salz and Pulawski, 1973:5 (Israel); Kazenas, 1974b:110 (feeding on flowers of *Euphorbia* spp., Euphorbiaceae, and *Nitraria schoberi* L., Zygophyllaceae, in Kazakhstan), 111 (feeding on flowers of *Lepidium crassifolium* W. et K., Brassicaceae, Kazakhstan), 112 (feeding on flowers of *Sal-sola laricifolia* Turcz., Chenopodiaceae, in Kazakhstan); R. Bohart and Menke, 1976:266 (listed); Simon Thomas, 1976:5 (France: Lot-et-Garonne); Kazenas, 1978b:106, 111 (in key to Sphecidae of Kazakhstan and Central Asia); Marion, 1978:88 (France: Nièvre Department); Pulawski, 1978:224 (in key to Sphecidae of European part of former USSR); Benedek, 1979:231 (Hungary: Bakony Hills); Dollfuss, 1983a:75 (endangered in Niederösterreich, Austria), 1983b:10 (in catalog of Sphecidae of Austria); Józán, 1983:99 (Hungary), 1985b:57 (Hungary S Lake Balaton), 78 (floral records), 83 (ecological and zoogeographic characteristics); Islamov, 1986:525 (Uzbekistan: Tashkent Oblast'); Józán, 1986:370 (Hungary: Kiskunság National Park); Scobiola-Palade, 1987:65 (Romania: Dobrogea); Tormos and Jiménez, 1987a:125 (Spain: Valencia); Dollfuss, 1988:24 (Austria: Niederösterreich: Oberweiden); Gayubo and Mingo, 1988:76 (Spain); Karsai, 1988:99 (Hungary: Kiskunság National Park); Pádr *in* Šedivý, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Gayubo, Asís, and Tormos, 1990a:17 (Spain); Jacobs and Oehlke, 1990:122 (not collected in Democratic Germany after 1960); Pagliano, 1990:106 (in catalogue of Italian Sphecidae); Dollfuss, 1991:99 (in key to Sphecidae of North and Central Europe); Kazenas and Nasyrova, 1991:38 (Kazakhstan: preying on *Calliptamus* sp.); Delarze, 1992:68 (Switzerland: Valais: Les Follatères); Dollfuss, 1994a:104 (endangered in Austria); Roche and Zalát, 1994:115 (Egypt: Sinai Peninsula); Józán, 1995:104 (Hungary: projected Duna-Dráva National Park); Negrisoló *in* Minelli, Ruffo, and La Posta, 1995b:9 (in catalog of

Italian fauna); Scharrer, 1995:25 (Austria: Niederösterreich: Hohe Wand; Croatia: Island of Krk); Schmidt and Schmid-Egger, 1997:30 (in checklist of German Sphecidae); González, Gayubo, and Torres, 1998:72, 73 (Spain: Valladolid Province); Shkuratov, 1998:97 (Russia: Rostov Oblast'); Blösch, 2000:225 (in Sphecid Fauna of Germany); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 153 (review of known biology); Kazenas and Esenbekova, 2001:134 (Kazakhstan: Almatinskiy Nature Reserve); Ohl et al., 2001:142 (distribution in Germany by provinces); K. Schmidt and Bitsch *in* Bitsch et al., 2001:217 (in Sphecid Fauna of Western Europe); Kazenas, 2002a:64 (geographic distribution, collecting localities in Kazakhstan); Shkuratov, 2002b:141 (Russia: Rostov Oblast': Rostovskiy Nature Reserve at 46°27'N 42°41'E); Shlyakhtenok and Skibinska, 2002:33 (Belarus': no specific locality); Drewes, 2003:143 (Spain: Tarragona); Gayubo, Özbek, and Yıldırım, 2003:88 (Turkey: Erzurum and İzmir Provinces); Generani, Pagliano, Scaramozzino, and Strumia, 2003:65 (Italy: Arcipelago Toscano); Kazenas, 2004b:103 (Kazakhstan: western Tien Shan); Skibińska *in* Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:357 (in catalog of Polish Crabronidae, in error); Wiśniowski, 2004:44 and 60 (in checklist of Polish Sphecidae: recorded from Poland by Siebold, 1839 and Dahlbom, 1843-1845, but their data are unreliable); Jacobs, 2005a:452 (Bulgaria: Banya and Starosel near Hissarya); Pagliano and Negrisol, 2005:385 (in Sphecid Fauna of Italy); Yıldırım and Ljubomirov, 2005:1797 (Turkey: Erzurum: Ilca, Oltu); Baños-Picón, Gayubo, Asís, and González, 2007:255, 258 (Spain: Zamora: Cabañas de Aliste); Yıldırım and Ljubomirov, 2005:120 (Turkey: Erzurum: Oltu); Jacobs, 2007:93 (in key to Crabronidae of Germany); Kazenas, 2007a:90 (Kazakhstan: Akmala Oblast': Kurgandzhin Nature Reserve and vicinity); Saure, 2007:83 (in checklist of Aculeata of Brandenburg Land, Germany); Vepřek and Straka, 2007:202 (in catalog of Sphecidae of Czech Republic and Slovakia, known only from Slovakia); Danilov, 2008:349 (Russia: Altayskiy Kray: Barnaul area); Danilov and Tshernyshev, 2008:42 (Russia: Novosibirsk Oblast': Karasuk area); Gayubo, González, Tormos, and Asís, 2008:138 (Spain: Salamanca: Parque Natural de Las Batuecas – Sierra de Francia); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China); Kazenas, 2008b:112 (Kazakhstan: foothills of Zailiskiy Alatau: occurring among others on loess cliffs); Ljubomirov and Yıldırım, 2008:227 (in catalog of Crabronidae of Turkey); Pagliano, 2009:184 (Italy: recorded from Trentino-Alto Adige by Kohl, 1880); Schmid-Egger, 2010a:19 (in red list of Aculeata of Germany: extinct, last collected in 1930).

As *Lyrops tricolor*: Pagliano, 2008:548 (part of specimens in M. Spinola collection, Torino).

ssp. *occidentalis* Pulawski

Tachytes obsoletus occidentalis Pulawski, 1962b:348, ♀, ♂. Holotype: ♀, France: Var: Selves (RMNH). – Ceballos, 1964:91 (in supplement to catalog of Spanish Sphecidae); R. Bohart and Menke, 1976:266 (listed); Gayubo, 1982a:99 (N Spain: Sierra de Béjar), 1984b:83 (Spain: Salamanca Province), 1986c:32 (Spain: Zamora Province), 1987a:111 (Spain: Ciudad Real Province); K. Schmidt and Bitsch *in* Bitsch et al., 2001:218 (in Sphecid Fauna of Western Europe).

As *Tachytes obsoletus* (corrected to *Tachytes obsoletus occidentalis* by Pulawski, 1962b:348): Mercet, 1910:165 (...); Berland, 1925:123 (in Sphecid Fauna of France); Giner Mari, 1934:134 (Spain), 1943:132 (...).

ssp. *tricoloratus* (Turton)

Sphex tricolor Fabricius, 1793:215, sex not indicated, junior primary homonym of *Sphex tricolor* Schrank, 1781, and of *Sphex tricolor* de Villers, 1789. Holotype or syntypes: Barbaria, now northwest Africa: no specific locality (lost, see van der Vecht, 1961a:15). Neotype: ♂, Morocco: no specific locality (ZMK), designated by Pulawski, 1962b:346. – As *Pompilus tricolor*: Fabricius, 1796:156 (new combination, in Index to his Entomologia Systematica, 1793), 1798:251 (new combination, redescription); nec Panzer, 1801:IX (= *Tachytes panzeri*). – As *Larra tricolor*: Fabricius, 1804:221 (new combination, redescription); Spinola, 1806:73 (Italy: Liguria); Jurine, 1807:145 (listed); Klug *in* Walzl, 1835:88 (in list of Hymenoptera of Andalusia). – As *Lyrops tricolor*: Ghiliani, 1842:25 (listed from Italy: Sicilia); Casolari and Casolari Moreno, 1980:113 (new combination, specimens in M. Spinola collection). – As *Tachytes tricolor*: Spinola, 1808:78 (new combination); nec von Siebold, 1839:48 (= *Tachytes*

panzeri); Lepeletier de Saint Fargeau, 1845:250 (in revision of world Hymenoptera); Lucas, 1849:248 (Algeria: Alger, Bône, Constantine, La Calle, Oran); Palma, 1867:38 (Italy: Sicilia settentrionale); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Morice, 1921:824 (Iraq: Amara); Rungs, 1936:24 (Morocco: Mamora Forest); nec Panzer, 1806:130 (= *Tachytes panzeri*) and the following authors (= *Tachytes procerus*): Kohl, 1885:341; A. Costa, 1893b:5; Acloque, 1897:93; W. Schulz, 1905:68; Mercet, 1910:165; Mantero, 1911:75; Morice, 1911:100; Berland, 1925:124; Nadig, 1933:82; Guiglia, 1936:7, 1938:9, 1942b:234; Giner Mari, 1943:132; Guiglia, 1944b:29, 1948c:202; Ceballos, 1956:378 (in catalog of Hymenoptera of Spain).

Sphex tricoloratus Turton, 1801:492 (as *tricolorata*, incorrect original termination), sex not indicated. Objective synonym of *Sphex tricolor* Fabricius, 1793. – van der Vecht, 1960:6 (discussion of species identity). – **As *Tachytes obsoletus tricoloratus***: Pulawski, 1962b:346 (new combination, in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:266 (listed); K. Schmidt and Bitsch in Bitsch et al., 2001:218 (in Sphecidae Fauna of Western Europe).

Tachytes tingitanus Pate, 1937c:4. Substitute name for *Sphex tricolor* Fabricius, 1793.

As *Tachytes obsoletus* (corrected to *Tachytes obsoletus tricoloratus* by Pulawski, 1962b:346): Morice, 1911:100 (Algeria: Biskra; as *obsoleta*); von Schulthess, 1926b:214 (Tunisia: Tunis; as *obsoleta*); de Beaumont, 1950f:405 (Algeria: Tagramaret) and 1955a:171 (Morocco).

194. *oppositus* R. Turner

Tachytes oppositus R. Turner, 1917d:31, ♂ (as *opposita*, incorrect original termination). Holotype: ♂, Zambia: Pakasi (BMNH). – Arnold, 1923b:208 (revision), 1927:117 (additional description), 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes oppositus***: R. Bohart and Menke, 1976:266 (listed).

195. *opulentus* Nurse (preoccupied)

Tachytes opulentus Nurse, 1909:513, ♀, ♂, junior primary homonym of *Tachytes opulentus* Lepeletier de Saint Fargeau, 1845. Syntypes: India: Gujarat: Deesa (BMNH). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:266 (listed).

196. *ornatipes* Cameron

Tachytes ornatipes Cameron, 1889a:62, sex not indicated. Lectotype: ♀, Guatemala: Paso Antonio (BMNH), designated by R. Bohart, 1979:473. – Dalla Torre, 1897:693 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); R. Bohart and Menke, 1976:266 (listed); R. Bohart, 1979:473 (in revision of South American *Tachytes*; Argentina to Guatemala); Hanson and Menke, 1995:639 (known from Costa Rica); Garcete-Barrett, 2001b:62 (Paraguay: locality records); Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

197. *oviventris* de Saussure

Tachytes oviventris de Saussure, 1891:260, ♀. Holotype or syntypes: ♀, Madagascar: no specific locality (MHNG). – Dalla Torre, 1897:693 (in catalog of world Hymenoptera); Arnold, 1945:109 (no specimens studied); R. Bohart and Menke, 1976:266 (listed); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae).

Tachytes oviventris de Saussure, 1892:478, ♀. Objective synonym of *Tachytes oviventris* de Saussure, 1891.

198. *palatus* R. Bohart

Tachytes palatus R. Bohart, 1979:474, ♀. Holotype: ♀, Colombia: Putamayo Nariño: Mocoa (BMNH). Paratypes: Bolivia, Brazil. – Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

199. *pallidiventris* Arnold

Tachytes pallidiventris Arnold, 1947:152, ♀. Syntypes: Zambia: Mukupa and Mweru (SAM). – R. Bohart and Menke, 1976:266 (listed).

200. panzeri (Dufour)

As *Pompilus tricolor*: Panzer, 1801:IX (Faunae Insect Germ. Initia), corrected to *Lyrops panzeri* by Dufour, 1841:235, and to *Tachytes europaeus* by Kohl, 1885:338. – As *Tachytes tricolor*: Panzer, 1806:130 (new combination, Kritische Revision); von Siebold, 1839:48 (Germany: Danzig, now Poland: Gdańsk), present correction based on geographic distribution..

Lyrops panzeri Dufour, 1841a:499 and 1841b:235 (as *Panzeri*, incorrect original capitalization). Substitute name for *Tachytes tricolor* of Panzer, 1801. – Dufour, 1841a:497 and 1841b:236 (digestive tract), 1841a:503 and 1841b:239 (male reproductive system), 1841a:507 and 1841b:243 (female reproductive system). – As *Tachytes panzeri*: Dollfuss, 1987:21 (new combination, Austria: Wien Stammersdorf; Niederösterreich: Oberweiden in Marchfeld), 1988:24 (Austria: Oberweiden); Chinin, 1991:111 (Russia: Samara Oblast'); Dollfuss, 1991:99 (in key to Sphecidae of North and Central Europe); Krasnobayev et al., 1995:140 (Russia: Zhiguli Hills NW Samara); Scharrer, 1995:25 (Germany: Bayern: Lohr, MainfrankenRheinland-Pfalz: Obernau); Schmid-Egger, Risch, and Niehuis, 1995:213 (summary of records from Germany: Rheinland-Pfalz Province); Schmid-Egger, Schmidt, and Doczkal, 1996:378 (Germany: Baden-Württemberg: endangered); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Schmidt and Schmid-Egger, 1997:30 (in checklist of German Sphecidae); Blösch, 1998:169 (Germany: Bayern: Tennenloher Forst Nature Reserve near Erlangen); Dollfuss, Gusenleitner, and Bregant, 1998:516 (Austria: summary of collecting records from Burgenland); Flügel, 1998:61 (Germany: Brandenburg: Unteres Odertal National Park); K. Weber, 1998:149 (Germany: Bayern: Bamberg area); Gayubo, García, Torres, and González, 1999:89 (Spain: Soria Province); Gonzáles, Gayubo, and Torres, 1999:355 (Spain: Valladolid: Viana de Cega); Neumayer, Schwarz, and Bregant, 1999:225 (Austria: in checklist of Sphecidae of Land Kärnten); Zehnder and Zettel, 1999:131 (Switzerland: recolonization of flooded area in Valais Canton); Blösch, 2000:225 (in Sphecid Fauna of Germany); Gayubo, González, and Torres, 2000:185 (Spain: Salamanca Province); Jacobs, 2000:12, 16 (Germany: Land Mecklenburg-Vorpommern: extinct); Ljubomirov, 2000:10 (Bulgaria, specimens in N. Nedelkov collection); Ohl et al., 2001:142 (distribution in Germany by provinces); K. Schmidt and Bitsch in Bitsch et al., 2001:218 (in Sphecid Fauna of Western Europe); Kazenas, 2002a:63 (geographic distribution, collecting localities in Kazakhstan); Shlyakhtenok and Skibinska, 2002:33 (Belarus: no specific locality); Drewes, 2003:143 (Austria, Germany, Italy, Spain: miscellaneous locality records); González, Gayubo, Asís, Tormos, and García, 2003:61 (Spain: Soria: Chavalier); Gayubo, Özbek, and Yıldırım, 2003:88 (Turkey: Erzurum: University campus, Olur, and Sungübayır); Mandery, Kraus, Voith, Wickl, Scheuchl, Schubert, and Warncke, 2003:70 (in catalog of wasps and bees of Bayern, Germany); Nieves-Aldrey, Fontal-Cazalla, Garrido-Torres, and Rey del Castillo, 2003:42 (Spain: Madrid: Estación Biogeológica de El Ventorrillo in Sierra de Guadarrama); Protsenko, 2003:68, 69 (Ukraine: Odessa Oblast': Malyi Tataru island in Danube delta at 45.21°N 29.00°E); Reder, 2003:26 (Germany: Rheinland-Pfalz: Eisenberg area); Wickl, Voith, Mandery, Weber, Kraus, Bausenwein, and Blösch, 2003:196 (Germany: Bayern: no longer endangered); Gayubo et al. 2004:131 (Spain: Madrid: Estación Biogeológica de El Ventorrillo in Sierra de Guadarrama); Skibińska in Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:357 (in catalog of Polish Crabronidae); Stolle et al., 2004:373 (Germany: Sachsen-Anhalt: last collected before 1925); van Achterberg and Peeters, 2004:31 (in checklist of Sphecidae of Netherlands); Wiśniowski, 2004:44 and 60 (in checklist of Polish Sphecidae); Cruz-Sánchez, Gayubo, González, and Torres, 2005:220 (Spain: Salamanca: San Martín del Castañar); Gayubo, Nieves-Aldrey, González, Tormos, Rey del Castillo, and Asís, 2004:108 (Spain: Madrid: Monte de El Pardo); Skibińska in Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:357 (in catalog of Polish Crabronidae); Ebrahimi, 2005:126 (in key to selected Iranian Sphecidae); Jacobs, 2005a:452 (Bulgaria: Zvechen near Hissarya); Pagliano and Negrisoló, 2005:384 (in Sphecid Fauna of Italy); Reder, 2005:954 (Germany: Rheinland-Pfalz: Eisenberg); Theunert, 2005a:19 (Germany: in checklist of Sphecidae of Niedersachsen and Bremen); Yildirim and Ljubomirov, 2005:1797 (Turkey: Erzurum: Aşkale, Oltu, Iğdır: Küllük); Blösch, 2006:58 (it is unknown whether males reuse nocturnal rest galleries); Ljubomirov, 2006:544 (Bulgaria: Rhodope Mountains: previous records summarized); Standfuss and Standfuss, 2006b:96 (Greece: Thessalia: Mag-

nissia Peninsula at 39°N 23°E); Baños-Picón, Gayubo, Asís, and González, 2007:255, 258 (Spain: Zamora: Ca-bañas de Aliste); Yildirim and Ljubomirov, 2005:120 (Turkey: Erzurum: Oltu); Budrys, 2007:63 (first records from Lithuania: Vilnius District: 1 km N Kiemeliai at 54°51'46"N 25°00'11"E, Saugūniškės at 54°50'50"N 25°02'26"E); Jacobs, 2007:93 (in key to Crabronidae of Germany); Saure, 2007:83 (in checklist of Aculeata of Brandenburg Land, Germany); Vepřek and Straka, 2007:202 (in catalog of Sphecidae of Czech Republic and Slovakia); Danilov, 2008:349 (Russia: Altayskiy Kray: Barnaul area); Danilov and Tshernyshev, 2008:42 (Russia: Novosibirsk Oblast': Karasuk area); Gayubo, González, Tormos, and Asís, 2008:138 (Spain: Salamanca: Parque Natural de Las Batue-cas – Sierra de Francia); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China); Ljubomirov and Yildirim, 2008:227 (in catalog of Crabronidae of Turkey); Nemkov, 2008b:19 (in catalog of Crabronidae of Asiatic Russia); U. Frommer, 2009a:29 (Germany: in checklist of Sphecidae of Hessen); González, Gayubo, González, Tormos, and Asís, 2009:363 (Spain: Valladolid: Reserva Natural Riberas de Castronuño – Vega del Duero); Gayubo, Asís, and Tormos, 2009:623 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park); Nemkov, 2009b:77 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Pagliano, 2009:184 (Italy: Calabria: Sibari); Schmid-Egger, 2010a:19 (in red list of Aculeata of Germany: very rare).

Tachytes europaeus Kohl, 1883e:671, ♀, ♂ (by reference to Panzer and Schenck, as *europaea*, incorrect original ter-mination). Syntypes: Switzerland: Sierre (Frey-Gessner collection) and 1884a:365 (comparison with *Tachytes ambidens*). Synonymized with *Tachytes panzeri* by Menke, 1981b:5. – von Heyden, 1884:116 (Germany: Hanau and Karlsruhe); Kohl, 1885a:331, 332 (in key to European *Tachytes*), 338, (in review of world Larrini), 401 (in checklist of world *Tachytes*); Gasperini, 1887:15 (cited from Dalmatia, now Croatia, by Kohl, 1885); Kohl, 1888b:728 (Austria: Tirol, now Italy: Alto Adige), 1893a:31 (Austria: Niederösterreich: Piesting); F. Morawitz, 1993b:410 (Tajikistan: Ravat in Yagnob River valley), 1894:341 (Turkmenistan: Kerki); Dalla Torre, 1897:689 (in catalog of world Hymenoptera); Mocsáry, 1897:77 (Kingdom of Hungary, some localities are in today's Croa-tia and Romania); Ferton, 1901a:101 (prey); Chyzer, 1902:33 (Hungary); de Cobelli, 1903:111 (Italy: Province of Trentino: Rovereto, Alle Sarche); Adlerz, 1904:137 (known prey: nymphs of *Stenobothrus*); Antiga and Boffill, 1904:12 (Spain: Cataluña Province); E. Saunders, 1904c:635 (Spain); W. Schulz, 1904b:102 (Italy: Canonica d'Adda; Kazakhstan: Semipalatinsk); Kubes, 1905:85 (Czech Republic: Kolín); Vángel, 1905:166 (Hungary); Móczár and Henter, 1907:205 (Hungary: Tiszaalpár); Schmiedeknecht, 1907:230, 231 (in key to Hymenoptera of Central Europe); de Gaulle, 1908:121 (in catalog of French Hymenoptera); Mercet, 1910b:165 (listed from Spain); Dittrich, 1911b:24 (Germany: Niederschlesien Province, now Poland: Dolny Śląsk Region); Morice, 1911:100 (Algeria: Médéa); Birula, 1912:543 (Ukraine: Zhytomyr Oblast': Radomyshl'); Ferton, 1912a:364 (Al-geria: La Calle, prey); Schirmer, 1912:167 (Germany: Berlin area); Szilády, 1913:88 (Hungary: Tövis); Birula, 1914:387 (Belarus: Luskínopol' near Vitebsk); Dusmet, 1915:87 (Spain: Aragón); O. Meyer, 1919:154 (Ger-many: Posen Province, now Poland: Poznań Region); Stöckhert, 1919:41 (Germany: Franken); A. Wagner, 1920:38 (Germany: Lower Elbe region, not found but can be expected); Dubois, 1921c:208 (in key to Belgian Sphecidae); Ferton, 1921:350 (incomplete prey paralysis); Hedicke, 1922:271 (Germany: Brandenburg: Gross Machnower Weinberg); Maidl, 1922:70 (Croatia); Noskiewicz, 1922a:8 (Ukraine: Lviv area, Zaleszczyki); Fer-ton, 1923:156 (incomplete paralysis of prey); Berland, 1925d:123 (in Sphecid Fauna of France); Friese, 1926:163 (in key to Sphecidae of Central Europe, short morphological and biological characteristics); Kuznetsov-Ugamskij, 1927:248 (Kazakhstan: Aulie-Ata, now Djambul); Bouwman, 1928b:390 (in revision of Sphecidae of Nether-lands); Schmiedeknecht, 1930:692 (in keys to Hymenoptera of North and Central Europe, as *europaea*); Dusmet y Alonso, 1931:7 (Portugal: Mitra); Giordani Soika, 1932a:22 (Italy: Lido di Venezia); Nadig, 1933:82 (Morocco); E. Nielsen, 1933:293 (summary of nesting habits); Giner Marí, 1934:134 (Spain); Grandi, 1934:129 (Italy: Lazio: Acilia); Bernard, 1935:65 (France: Var: Fréjus area); Minkiewicz, 1935:196 (Poland: Kazimierz on Wisła, 51°20'N 21°58'E), 212 (Poland: Piaski-Gardzienice, 51°05'N 22°50'E); Richards, 1935a:163 (claimed incorrectly that *Tachytes europaeus* is the type species of the genus); Vergne, 1935:118 (France: Auvergne: Lezoux); de Beaumont, 1936b:600 (specimens in coll. Radoszkowski: Ukraine, Caucasus), 1936c:2 (specimens in coll. A.

Costa); Drogoszewski, 1936:130 (Poland: Łowicz, as *europaea*); Dulac, 1937:14 (France: Saône-et-Loire: Saint-Laurent d'Andenay); Zavadil, Šusterka, and Bat'a, 1937:200 (in catalog of Sphecidae of Czechoslovakia); van Lith, 1938:122 (Netherlands: Limburg: Exaeten); A. Wagner, 1938a:122 (not found yet in northwestern Germany); Schneid, 1941:1044 (Germany: Bayern: Bamberg area, as *europaea*); Balthasar, 1943:42 (Czech Republic: Moravia: Zlin area, as *europaea*); Giner Mari, 1943a:131 (in Sphecidae Fauna of Spain); Guiglia, 1944b:28 (Italy); Balthasar, 1948:142 (Slovakia: Parkan); Guiglia, 1948c:202 (Italy: Sardegna: Cagliari); Zavadil in Zavadil and Šnoflak, 1948:153 (in key to Sphecidae of Czechoslovakia); de Andrade, 1949:14 (Portugal); de Beaumont, 1950f:405 (Algeria); Georgel, 1950:64 (France: Seine-et-Oise: Sucy-en-Brie); Scobiola, 1950:20 (Romania); Leininger, 1951:117 (Germany: Baden-Württemberg: Graben, Karlsruhe, Rastatt); Cleu, 1953:50 (France: Ardèche River basin); Głowacki, 1953:520 (Poland: Podkowa Leśna and Brwinów near Warszawa); Móczár, 1953:310 (Hungary); Bischoff and Stadler, 1954:126 (Germany: Bayern: Romberg); de Beaumont, 1954a:54 (Italy), 1954e:90 (Italy); Grandi, 1954:240 (Italy); Atanassov, 1955:200 (Bulgaria: Yundola in central Rhodopi Mts.); de Beaumont, 1955a:171 (Morocco); Steiner, 1955:139 (France: Dordogne); Vogrin, 1955:37 (Yugoslavia); Ceballos, 1956:378 (in catalog of Hymenoptera of Spain); Morel, Nouvel, and Ribaut, 1956:339 (France: Département des Pyrénées-Orientales); Bajári, 1957a:56 (in key to Hungarian Sphecidae); Grandi, 1957:390 (Italy); Benno, 1958b:11 (in review of Dutch Sphecidae); de Beaumont, 1959a:27 (Italy); Diniz, 1959:29 (Portugal: Cascais, Évora); Wolf, 1959b:24 (Germany: Nassau); Noskiewicz and Puławski, 1960:126 (in key to Polish Sphecidae); de Beaumont, 1962b:25 (Spain); Puławski, 1962b:336 (in revision of Palearctic *Tachytes*); Lehrer and Scutaru, 1963:287 (Romania: Moldova: Birnova and Mircești in Iași District); Scobiola, 1963:825 (Romania: Letea in Danube delta); Ceballos, 1964:91 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1964c:78 (in Sphecidae Fauna of Switzerland); Diniz, 1964a:4 (Portugal: seven localities); de Beaumont, 1965a:46 (Greece); Bonelli, 1966c:218 (Italy: Trentino–Alto Adige: Piazzòl); Balthasar, Hrubant, and Hrubant, 1967:171 (Bulgaria: Slanchev Bryag near Nessebar); Benno, 1967:36 (in checklist of Sphecidae of Netherlands); de Beaumont, 1967a:331 (Turkey); Gauss, 1967:554 (Germany: Baden-Württemberg: Nördliches Rheinvorland); J. Heinrich, 1967:75 (Germany: Bayern: from Kahl to Lohr); Scobiola-Palade, 1967b:43 (Romania); Benedek, 1968:73 (Hungary, floral records); Scobiola-Palade, 1968b:142 (Romania: Island of Letea in delta of Danube), 1968c:384 (Romania: Budești); Benedek, 1969a:84 (Hungary; marshy meadow); Romanova, 1969:134 (Russia: North Caucasus); Benedek, 1970:98 (Hungary: Tapolca); Oehlke, 1970:716 (Democratic Germany); Schmidt, 1971b:36 (Germany: Mainz area); Atanassov, 1972a:191 (Bulgaria: Stara Planina Mountains), 1972b:32, 50 (Bulgaria: Stara Planina Mountains); Balthasar, 1972:279 (in Sphecidae Fauna of Czechoslovakia); Kazenas, 1972b:164 (Kazakhstan); Scobiola-Palade, 1972a:150 (Romania: delta of Danube: Caraorman), 1972b:253 (Romania); Simon Thomas, 1972:182 (France); de Beaumont, Bytinski-Salz and Puławski, 1973:5 (Israel); Erlandsson, 1974:74 (France); Kazenas, 1974b:109 (feeding on flowers of *Tamarix* sp. in Kazakhstan), 110 (feeding on flowers of *Euphorbia* spp., Euphorbiaceae, in Kazakhstan), 112 (feeding on flowers of *Atraphaxis spinosa* L., Polygonaceae, in Kazakhstan); Benedek, 1975:251 (Hungary; onion pollinator); R. Bohart and Menke, 1976:265 (listed); Simon Thomas, 1976:5 (France: Lot-et-Garonne); Kolesnikov, 1977:318 (Russia: Bryansk Oblast'); Kazenas, 1978b:106 (in key to Sphecidae of Kazakhstan and Central Asia, as *europaeus europaeus*); Marion, 1978:88 (France: Nièvre Department); Puławski, 1978:224 (in key to Sphecidae of European part of former USSR); Benedek, 1979:231 (Hungary: Bakony Hills); Lefeber, 1979:11 (in checklist of Sphecidae of Netherlands), 68 (Netherlands: distribution map); Pagliano, 1980:127 (Italy: Liguria, Piemonte); Józán, 1981:305 (Hungary: Hortobágy National Park); Donath, 1982:213 (Germany: Cottbus Bezirk); Donath and Gundlach, 1982:84 (endangered in Niederlausitz area, Democratic Germany); Gayubo, 1982a:99 (N Spain: Sierra de Béjar), 1982f:259 (Spain: Cádiz Province: Algodonales, Chiclana de la Frontera, Chipiona, Rota, Tiradero); Skibińska, 1982:123 (Poland: Warszawa area); Dollfuss, 1983a:76 (endangered in Niederösterreich, Austria), 77 (endangered in Burgenland, Austria), 1983b:10 (in catalog of Sphecidae of Austria); Józán, 1983:99 (Hungary); Schmidt and Westrich, 1983:123 (Greece); Gayubo, 1984b:83 (Spain: Salamanca Province; as *europaeus europaeus*),

1985c:168 (Spain: Burgos: Medina de Pomar; Valladolid: Hornillos, Quintillana de Abajo); Józán, 1985b:57 (Hungary S Lake Balaton), 78 (floral records), 83 (ecological and zoogeographic characteristics); Scobiola-Palade, 1985:96 (Romania: delta of Danube); Westrich and Schmidt, 1985b:112 (Germany: endangered in Baden-Württemberg); Gayubo, 1986c:32 (Spain: Zamora Province), 1986e (teratological specimen); Gayubo and Heras, 1986:39 (Spain: Segovia and Valladolid Provinces: floral records); Gayubo and Sanza, 1986:43 (Spain: Segovia, Soria); Gayubo and Tormos, 1986a:12 (Spain: Castellón de la Plana); Islamov, 1986:525 (Uzbekistan: Surkhandarya Oblast'); Józán, 1986:370 (Hungary: Kiskunság National Park); Nemkov, 1986:96 (Russia: Siberia: Irkutsk Oblast'); Gayubo, 1987a:111 (Spain: Ciudad Real Province); Schmidt and Westrich, 1987:365 (Germany: Mainz area); Scobiola-Palade, 1987:64 (Romania: Dobrogea); Tormos and Jiménez, 1987a:124 (Spain: Valencia); Asís and Jiménez, 1988:271 (Spain: Castellón Province); Gayubo and Mingo, 1988:76 (Spain); Karsai, 1988:99 (Hungary: Kiskunság National Park); Dollfuss, 1989:13 (holotype in NHMW); Jacobs, 1989:11 (Germany: Mecklenburg-Vorpommern); Pádr *in* Šedivý, 1989a:168 (in checklist of Czechoslovakian Sphecidae, as *europaeus*); Scobiola-Palade, 1989:87 (Romania: delta of Danube); Gayubo, Asís, and Tormos, 1990a:16 (Spain); Jacobs and Oehlke, 1990:123 (population regress in Democratic Germany after 1960), 162 (new records from Democratic Germany); Kuznetzova, 1990:20 (Russia: Voronezh Oblast': Galich'ya Gora Nature Reserve); Pádr, 1990:75 (Czech Republic: Praha area); Pagliano, 1990:106 (in catalogue of Italian Sphecidae); Schwammberger and Priesner, 1990:539 (Austria: Kärnten); Day, 1991:xix (summary of European Endangered Hymenoptera Lists); Gayubo, Borsato, and Osella, 1991:401 (Italy: Piemonte, Liguria, Emilia); Gayubo and Torres, 1991:Table I (Spain: Salamanca; effects of urban pressure); Józán, 1991:603 (Hungary: Bátorliget Nature Reserve); Kowalczyk, 1991b:120 (Poland: Augustów Forest); Negrisolo, 1991:318 (Italy: Venezia Province); Delarze, 1992:68 (Switzerland: Valais: Les Follatères); Józán, 1992b:173 (Hungary: Boronka-melléki Protected Area), 1992c:289 (Hungary: Zselic Hills); K. Weber, 1992:89 (Germany: Bayern: Bamberg District); Blagoveshchenskaya, 1994:87 (Russia: Ul'yanovsk Oblast', as *europaeus*); Gorobchishin, 1995:17 (Ukraine: Kanev Nature Reserve); Józán, 1995:104 (Hungary: projected Duna-Dráva National Park); Negrisolo *in* Minelli, Ruffo, and La Posta, 1995b:9 (in catalog of Italian fauna); Nemkov *in* Nemkov, Kazenas, Budrys, et Antropov, 1995:410 (in key to Sphecidae of Russian Far East, as *europaeus europaeus*); Celary, 1997:58 (in checklist of Animals of Poland); Pagliano and Scaramozzino, 1999:163 (Italy: Piemonte: Borgomale); Tüzün, Gülmez, and Bağrıaçık, 1999:384 (Turkey: Aegean Region); Shkuratov, 2000:58 (Russia: Rostov Oblast': Vëshenskaya village area at 49°37'N 41°45'E); Basset, 2001:85 (France: Département de Gironde); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 153 (review of known biology); Kazenas and Esenbekova, 2001:134 (Kazakhstan: Almatinskiy Nature Reserve); Hellrigl, 2004a:174 (Italy: Trentino-Alto Adige, as Südtirol: Vinschgau = Val Venosta: Tannas); Kazenas 2004b:102 (Kazakhstan: western Tien Shan), 2007a:90 (Kazakhstan: Akmala Oblast': Kurgandzhin Nature Reserve and vicinity), 2008b:112 (Kazakhstan: foothills of Zailiskiy Alatau: occurring among others on loess cliffs). – **As *Tachysphex europaea***: E. Saunders, 1904c:635 (new combination, Spain).

As *Tachytes obsoletus*: Schenck, 1857:190 (in revision of fossorial wasps of Nassau Region, Germany), corrected to *Tachytes europaeus* by Kohl, 1883e:671 and W. Schulz, 1911a:68; A. Costa, 1867b:87 and 1867c:31 (in revision of Italian Sphecidae), corrected to *Tachytes europaeus* by de Beaumont, 1936c:2; Radoszkowski, 1877:27 (Uzbekistan: Samarkand, Syr-Daria area), corrected to *Tachytes europaeus* by ...; Acloque, 1897:93 (in Sphecid Fauna of France and Algeria).

ssp. *orientis* Pulawski

Tachytes europaeus orientis Pulawski, 1962b:340, ♀, ♂. Holotype: ♀, China: Harbin (RMNH). – Tsuneki, 1967e:2 (China: Manchuria), 1969c:2 (nesting habits), 1971m:32 (China: Peking; Inner Mongolia: Apaka); R. Bohart and Menke, 1976:265 (listed); Kazenas, 1980e:89 (Russia: Amur Oblast', Primorskiy Krai); Nemkov, 1992b:245 (Russia: Far East: Blagoveshchensk); Nemkov *in* Nemkov, Kazenas, Budrys, et Antropov, 1995:410 (in key to Sphecidae of Russian Far East); Wu and Zhou, 1996a:86 (in revision in Economic Insect Fauna of China); Hua, 2006:283

(in list of Chinese insects, geographic distribution); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China); Nemkov, 2009b:77 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia), 2009c:237 (Russia: Primorskiy Krai: Lazovsky Nature Reserve).

As *Tachytes obsoletus*: Tsuneki, 1942:... (China: Inner Mongolia), corrected to *Tachytes europaeus orientis* by Tsuneki, 1969c:2.

201. *papuanus* Tsuneki

Tachytes papuanus Tsuneki, 1983c:38, ♂, ♀. Holotype: ♂, New Guinea: Huon Golf: Satterberg (TMB).

202. *parvus* W. Fox

Tachytes parvus W. Fox, 1892e:249, ♂. Holotype: ♂, USA: New Jersey: Camden County (ANSP). – W. Fox, 1894a:504 (in revision of North American Larrinae); Dalla Torre, 1897:693 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); Mickel, 1918b:418 (in catalog of Nebraskan Sphecidae); Cresson, 1928:45 (holotype in ANSP); Brimley, 1938:443 (North Carolina: Raleigh); Banks, 1942:431 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); Krombein, 1953a:296 (visiting foliage of *Quercus marilandica*), 329 (North Carolina), 1953b:121 (visiting foliage of *Pinus serotina*), 122 (visiting foliage of *Quercus marilandica*), 123 (visiting foliage of *Quercus virginiana*), 125 (attracted to a grass), 132 (North Carolina: Kill Devil Hills); Krombein and Evans, 1954:232 (Florida: Arcadia); R. Bohart and Menke, 1976:266 (listed); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a); Krombein, 1979b:1626 (in catalog of North American Hymenoptera); Kurczewski and Spofford, 1986:13 (nesting habits); Kurczewski and Miller, 1991:254 (New York: Albany County); Spofford and Kurczewski, 1992:997 (species of miltogrammine parasites listed), 1002 (counter-cleptoparasitic behavior: diversionary flight), 1003 (counter-cleptoparasitic behavior: stinging fly), 1005 (post-larvipositional counter-cleptoparasitic behavior: inordinate amount of post-provisioning time in burrow); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Ohl and Linde, 2003:150 (number of ovarioles).

Tachytes pattoni Banks, 1942:428, ♀. Holotype: ♀, USA: Florida: Miami (MCZ). Synonymized with *Tachytes parvus* by R. Bohart in Bohart and Menke, 1976:266. – Brimley, 1942:35 (North Carolina: Raleigh); G. Bohart in Muesebeck et al., 1951:948 (in catalog of North American Hymenoptera); Krombein, 1953a:295 (visiting foliage of *Pinus serotina*), 329 (North Carolina); Krombein and Evans, 1954:232 (Florida: Arcadia); Gittins, 1960:136 (Idaho); Kurczewski and Kurczewski, 1971:134 (prey: *Neotettix femoratus* (Scudder), a tetrigid); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a).

Tachytes arizonicus Banks, 1942:429, ♀. Holotype: ♀, USA: Arizona: Tempe (MCZ). Synonymized with *Tachytes parvus* by R. Bohart in Bohart and Menke, 1976:266. – G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera).

203. *pennsylvanicus* Banks

Tachytes pennsylvanica Banks, 1921:18, ♂. Syntypes: ♂, USA: Pennsylvania: Rockville and West Fairview (MCZ). – R. Bohart, 1962b:122 (revision); R. Bohart and Menke, 1976:266 (listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); Finnamore, 1982:97 (in Sphecid Fauna of Southern Quebec); R. Bohart, 1994a:345, 346 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Buck, 2004:25 (in checklist of Crabronidae of Ontario, Canada), 30 (distribution within Ontario), 45 (first record from Ontario: Guelph); Horta Vega, Pinson Domínguez, Barrientos Lozano, and Correa Sandoval, 2007: 46 (Mexico: Tamaulipas). – As *Tachytes pepticus pennsylvanicus*: Brimley, 1942:35 (new status, North Carolina: Raleigh).

204. *pepticus* (Say)

Lyrops pepticus Say, 1837:371, ♀, ♂ (as *peptica*, incorrect original termination). Syntypes: USA: Indiana: no specific locality (destroyed). Neotype: ♂, Indiana: Lafayette (AMNH), designated by Banks, 1942:119. – Le Conte, 1859b:754 (reprint of Say, 1837:371); Cresson, 1862:238 (in catalog of North American Hymenoptera). – **As *Notogonia peptica***: Stadelmann, 1897:255 (new combination). – **As *Tachytes pepticus***: F. Smith, 1856:308 (new combination, in catalog of Hymenoptera in British Museum); Cresson, 1865b:466 (specimens in ANSP collection); Kohl, 1885a:404 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); Ashmead, 1890:33 (in checklist of Hymenoptera of Colorado); nec W. Fox, 1892:242 and 1894a:502 (= *Tachytes sayi*); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); H. Smith, 1908b:378 (in revision of Nebraskan Sphecidae); Rohwer, 1909d:201 (Colorado, Kansas, Texas; variation); W. Schulz, 1911b:194 (comparison with *Tachytes insularis*); F. Williams, 1914a:156 (in revision of Larrinae of Kansas); Stevens, 1917:422 (North Dakota); Mickel, 1918b:416 (in catalog of Nebraskan Sphecidae); Rau, 1922:26 (USA: Missouri: St. Louis, sun dances); Carter, 1925:133 (Canada: Alberta: Lethbridge); Brimley, 1938:443 (North Carolina: Aberdeen, Bogue, Carolina Beach, Highlands, Raleigh, Southern Pines, Wilmington); Strickland, 1947:129 (Canada: Alberta: Lethbridge); G. Bohart *in* Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); Krombein, 1953a:281 (description of burrow), 295 (visiting foliage of *Pinus serotina*), 298 (visiting flowers of *Monarda punctata*), 298 (visiting flowers of *Cephalanthus occidentalis*), 329 (North Carolina), 1953b:123 (visiting foliage of *Quercus virginiana*), 124 (visiting flowers of *Pluchea* sp.), 125 (attracted to a grass), 132 (North Carolina: Kill Devil Hills); Gittins, 1960:136 (Idaho); R. Bohart, 1962b:119 (revision); Evans and Kurczewski, 1966:331 (prey); R. Bohart and Menke, 1976:266 (listed); L. Davis, 1978:218 (North Carolina: Kill Devil Hills, data from Krombein, 1953a); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina).

Tachytes sericatus Cresson, 1873:216, ♀, ♂. Lectotype: ♂, USA: Texas: Bosque County: no specific locality (ANSP), designated by Cresson, 1916:96. Synonymized with *Tachytes pepticus* by R. Bohart *in* Bohart and Menke, 1976:266. – Kohl, 1885a:406 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:247 (in revision of North American *Tachytes*), 1894a:504 (in revision of North American Larrinae); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Ashmead, 1899d:250 (in checklist of North American Crabronidae); H. Smith, 1908b:377 (in revision of Nebraskan Sphecidae); F. Williams, 1914a:156 (in revision of Larrinae of Kansas); Banks, 1942:420 (in revision of North American *Tachytes*); G. Bohart *in* Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera). – **As *Tachytes pepticus sericatus***: R. Bohart, 1962b:120 (new status, revision).

Tachytes fulviventris race *inferioris* Banks, 1942:422, sex not indicated. Holotype: ♀, USA: n. Illinois: no specific locality (MCZ). Synonymized with *Tachytes pepticus* by R. Bohart, 1962b:119 and by Bohart *in* Bohart and Menke, 1976:266. – **As *Tachytes fulviventris inferioris***: G. Bohart *in* Muesebeck et al., 1951:946 (new status, in catalog of North American Hymenoptera).

205. *perornatus* R. Turner

Tachytes perornatus R. Turner, 1917d:14, ♂ (as *perornata*, incorrect original termination). Syntypes: Uganda (BMNH). – Arnold, 1923a:187 (original description copied), 1930:4 (in checklist of Afrotropical Sphecidae). – **As *Tachytes perornatus***: R. Bohart and Menke, 1976:266 (listed).

206. *picticornis* Arnold

Tachytes picticornis Arnold, 1945:111, ♀, ♂. Syntypes: Madagascar: Antanimora, Bekily (MNHN). – R. Bohart and Menke, 1976:266 (listed); Leclercq, 1990b:118 (Madagascar); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae).

207. *plagiatus* Walker

Tachytes plagiatus Walker, 1871:22, ♀. Holotype or syntypes: ♀, Sudan: Hor Tamanib (lost). – Kohl, 1885a:405 (in checklist of world *Tachytes*); Dalla Torre, 1897:693 (in catalog of world Hymenoptera); Innes Bey, 1912:111 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected in Horr Tamanib); R. Bohart and Menke, 1976:266 (listed).

208. *plutocraticus* R. Turner

Tachytes plutocraticus R. Turner, 1910a:348, ♀. Holotype or syntypes: ♀, Australia: Queensland: Townsville (BMNH). – R. Turner, 1910a:348 (in key), 1916c:300 (in revision of Australian *Tachytes*); R. Bohart and Menke, 1976:266 (listed); Cardale, 1985:238 (in catalog of Australian Sphecidae).

209. *politus* R. Bohart

Tachytes politus R. Bohart, 1979:475, ♀, ♂. Holotype: ♀, Colombia: Meta: Río Duda (BMNH). – Amarante, 2002:37 (in catalog of Neotropical Crabronidae).

210. *popovi* Pulawski

Tachytes popovi Pulawski, 1962b:426, ♀, ♂. Holotype: ♀, Turkmenistan: Uch-Adzhi (ZIN). – R. Bohart and Menke, 1976:266 (listed); Kazenas, 1978b:104, 107 (in key to Sphecidae of Kazakhstan and Central Asia), 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia).

211. *praedator* W. Fox

Tachytes praedator W. Fox, 1892e:240, ♀, ♂. Lectotype: ♀, USA: Virginia: no specific locality (ANSP), designated by Cresson, 1928:45. – W. Fox, 1894a:502 (in revision of North American Larrinae); Dalla Torre, 1897:693 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Rohwer, 1909d:201 (Texas: Lee County; Brimley, 1938:443 (North Carolina: Bryson City, Flat Rock, Lake Toxoway); Banks, 1942:412 (in revision of North American *Tachytes*); Brimley, 1942:35 (North Carolina: Raleigh, Wilmington); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Evans and Kurczewski, 1966:330 (nesting habits); C. Lin, 1967a:241 (nesting habits); R. Bohart and Menke, 1976:266 (listed); Krombein, 1979b:1623 (in catalog of North American Hymenoptera); R. Bohart, 1994a:343 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina).

212. *praestabilis* R. Turner

Tachytes praestabilis R. Turner, 1917d:16, ♀, ♂. Syntypes: Uganda: Unyuro: Bugoma Forest (BMNH). – Arnold, 1923b:200 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:266 (listed).

213. *pretiosus* Cameron

Tachytes pretiosus Cameron, 1912:436, ♀ (as *pretiosa*, incorrect original termination). Holotype or syntypes: ♀, Guiana: Demerara: no specific locality (BMNH). – R. Bohart and Menke, 1976:266 (listed); R. Bohart, 1979:476 (in revision of South American *Tachytes*; Paraguay to El Salvador); Callan, 1991a:8 (Trinidad); Amarante, 1993:19 (ne. Brazil); Garcete-Barrett, 2001b:62 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae); Starr and Hook, 2003:20 (in catalog of Aculeata of Trinidad, West Indies).

214. *priesneri* Pulawski

Tachytes priesneri Pulawski, 1962b:368, ♀, ♂. Holotype: ♀, se. Egypt: Gebel Elba: Wadi Aydeb (coll. W. Pulawski). – R. Bohart and Menke, 1976:266 (listed); Guichard, 1980:227 (Oman), 1994b:217 (Oman: al-Wafi).

215. *procerus* A. Costa

Tachytes procerus A. Costa, 1882a:197, ♀ (as *procera*, incorrect original termination). Lectotype ♀: Italy: Sardegna: Simaxis (Napoli), designated by Pulawski, 1972:818. – A. Costa, 1883:57 (Italy: Sardegna: Simaxis), 90 (re-description), 1884b:32 (Italy: Sardegna: Meana); Kohl, 1885a:397 (original description copied), 405 (in checklist of

world *Tachytes*); Dalla Torre, 1897:693 (in catalog of world Hymenoptera); de Beaumont, 1936c:2 (study of specimens in coll. Costa, as synonym of *Tachytes obsoletus*); Pulawski, 1962b:343 (as synonym of *Tachytes obsoletus*). – **As *Tachytes procerus***: R. Bohart and Menke, 1976:266 (listed); Pagliano, 1990:107 (in catalogue of Italian Sphecidae); Negrisolò and Pagliano, 1993:94 (Italy: Sardegna); Negrisolò in Minelli, Ruffò, and La Posta, 1995b:9 (in catalog of Italian fauna); K. Schmidt and Bitsch in Bitsch et al., 2001:219 (in Sphecidae Fauna of Western Europe); Pagliano and Negrisolò, 2005:385 (in Sphecidae Fauna of Italy).

Tachytes procerus A. Costa, 1884a:334, ♀ (as *procera*, incorrect original termination). Objective synonym of *Tachytes procerus* Costa, 1882.

Tachytes incognitus Pulawski, 1962b:341, ♀, ♂. Holotype: ♀, Morocco: Kenitra, as Port Lyautey (originally W. Pulawski coll., now CAS). Synonymized with *Tachytes procerus* by Pulawski, 1972:819. – Ceballos, 1964:91 (in supplement to catalog of Spanish Sphecidae).

As *Tachytes tricolor* (corrected to *Tachytes incognitus* by Pulawski, 1962b:341 and 322 if not indicated otherwise): Kohl, 1885a:331, 332 (in key to European *Tachytes*), 341 (in revision of European *Tachytes*); A. Costa, 1893b:5 (Tunisia); Aclouque, 1897:93 (in Sphecidae Fauna of France and Algeria), present correction; W. Schulz, 1905:68 (Tunisia), present correction; Mercet, 1910b:165 (listed from Spain); Mantero, 1911:75 (Italy: Sardegna: Isola dell'Asinara, present correction); Morice, 1911:100 (Algeria: Biskra, Le Tarf); Berland, 1925d:124 (in Sphecidae Fauna of France); Nadig, 1933:82 (Morocco: Ifrane, Tanger); Nadig, 1934:32 (Italy: Sardegna: Cagliari, Macomer), present correction; Guiglia, 1936:7 (Libya: Augila), 1938b:9 (Italy: Sardegna; present correction), 1942b:234 (Libya; present correction); Giner Mari, 1943:132 (...); Guiglia, 1944b:29 (Italy: Sardegna; present correction); Guiglia, 1948c:202 (Italy: Sardegna: Cagliari).

As *Tachytes tingitanus*: de Beaumont, 1955a:171 (Morocco), corrected to *Tachytes incognitus* by Pulawski, 1962b:341 and 342.

As *Lyrops tricolor*: Pagliano, 2008:548 (part of specimens in M. Spinola collection, Torino).

216. *pubescens* R. Bohart

Tachytes pubescens R. Bohart, 1979:477, ♀, ♂. Holotype: ♀, Brazil: São Paulo (Mus. Zool. Univ. São Paulo). Paratypes: Argentina to Colombia. – Dollfuss, 1989:13 (paratype in NHMW); Garcete-Barrett, 2001b:62 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

217. *pulchricornis* R. Turner

Tachytes pulchricornis R. Turner, 1917d:38, ♂, ♀. Lectotype: ♂, Malawi: Mlanje (BMNH), designated by Pulawski, 1975a:316. – Arnold, 1923b:217 (revision), 1929c:390 (additional description), 1930:5 (in checklist of Afrotropical Sphecidae); Berland, 1942:9 (Mali: Douentza); Pulawski, 1975a:316 (diagnostic characters); R. Bohart and Menke, 1976:266 (listed).

Tachytes pulchricornis subspecies *kolaensis* R. Turner, 1917d:38, ♂, ♀. Lectotype: ♂, Mozambique: Kola River near Mt. Chipirone (BMNH), designated by Pulawski, 1975a:316. Synonymized with *Tachytes pulchricornis* by Pulawski, 1975a:316.

218. *punctuosus* Arnold

Tachytes punctuosus Arnold, 1923b:209, ♂ (as *punctuosa*, incorrect original termination). Holotype: ♂, South Africa: Transvaal: De la Rey (SAM). – Arnold, 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:266 (listed).

219. *pygmaeus* Kohl

Tachytes pygmaeus Kohl, 1888a:134, ♀, ♂ (♂ = *Tachytes argyreus*; as *pygmaea*, incorrect original termination). Lectotype: ♀, Egypt: no specific locality (NHMW), designated by Pulawski, 1962:465. – Dalla Torre, 1897:693 (in catalog of world Hymenoptera); de Beaumont, 1955a:172 (Morocco: Marrakech); Pulawski, 1962b:463 (in revi-

sion of Palearctic *Tachytes*); R. Bohart and Menke, 1976:266 (listed); Dollfuss, 1989:13 (lectotype in NHMW); Guichard, 1994b:216 (Arabian Peninsula).

Tachytes basalis Cameron, 1889c:142, ♀. Holotype or syntypes: ♀, India: Uttar Pradesh: Mussoorie Hills (OXUM). Synonymized with *Tachytes tarsatus* by Bingham, 1897:188 and with *Tachytes pygmaeus* by Pulawski, 1975a:318. – Dalla Torre, 1897:688 (in catalog of world Hymenoptera).

Tachytes calvus R. Turner, 1929b:556, ♀. Lectotype: ♀, Namibia: Okahandja (BMNH), designated by Pulawski, 1975a:318. Synonymized with *Tachytes pygmaeus* by Pulawski, 1975a:318. – Arnold, 1931:208 (original description copied).

As *Tachytes freygessneri*: Honoré, 1942:57 (Egypt; part), corrected to *Tachytes pygmaeus* by Pulawski, 1962b:463 and 465.

Tachytes astatiformis Tsuneki, 1963c:6, ♂. Holotype: ♂, Thailand: Chiangmai (SASAYAMA UNIV.). – R. Bohart and Menke, 1976:236 (listed). Synonymized with *Tachytes pygmaeus* by Pulawski, 2006:166.

Tachytes seminudus Arnold, 1951:153, ♀ (as *seminuda*, incorrect original termination). Lectotype: ♀, Mali: Tillembeya (BMNH), designated by Pulawski, 1975a:318. Synonymized with *Tachytes pygmaeus* by Pulawski, 1975a:318.

220. *quinquedens* R. Bohart

Tachytes quinquedens R. Bohart, 1979:478, ♀, ♂. Holotype: ♀, Brazil: Maranhão: São Luis (USNM). – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

221. *rarus* Arnold

Tachytes rarus Arnold, 1960a:469, ♂ (as *rara*, incorrect original termination). Holotype: ♂, Zimbabwe: Bulawayo (SAM). – R. Bohart and Menke, 1976:266 (listed).

222. *relucens* R. Turner

Tachytes relucens R. Turner, 1916c:300, ♀, ♂. Syntypes: Australia: Queensland: Mackay (BMNH). – R. Bohart and Menke, 1976:266 (listed); Cardale, 1985:238 (in catalog of Australian Sphecidae).

223. *repandus* (Fabricius)

Crabro repandus Fabricius, 1787:294, sex not indicated. Holotype: ♀, India: no specific locality (ZMK). – Olivier, 1792:512 (redescription); Fabricius, 1793:231 (redescription, India), 1796:51 (in Index to his Entomologia Systematica, 1793); Dalla Torre, 1897:623 (listed); W. Schulz, 1904b:101 and 1906:205 (omitted by Bingham, 1897). – As *Liris repanda*: Fabricius, 1804:231 (new combination, redescription). – As *Tachytes repandus*: Dahlbom, 1845:470 (new combination, in key); Kohl, 1885a:406 (in checklist of world *Tachytes*); van der Vecht, 1961a:12 (study of holotype, redescription); R. Bohart and Menke, 1976:266 (listed).

224. *rhodesianus* Bischoff

Tachytes rhodesianus Bischoff, 1913c:70, ♀. Holotype: ♀, Zimbabwe: Springvale (SAM). – R. Turner, 1917d:19 (revision, ♂, South Africa, Zimbabwe, as *rhodesiana*); Arnold, 1923a:185 (revision, as *rhodesiana*), 1927:117 (additional description, as *rhodesiana*), 1929c:389 (additional description, as *rhodesiana*), 1930:4 (in checklist of Afrotropical Sphecidae); Berland, 1942:2 (Mali: Telimané N Kayes; as *rhodesiana*); R. Bohart and Menke, 1976:266 (listed).

225. *rhododactylus* Taschenberg

Tachytes rhododactylus Taschenberg, 1870:13, ♀, ♂. Lectotype: ♀, Argentina: Mendoza: no specific locality (Halle), designated by R. Bohart, 1979:479. – Kohl, 1885a:406 (in checklist of world *Tachytes*); Dalla Torre, 1897:693 (in catalog of world Hymenoptera); Schrottky, 1903b:178 (in checklist of Hymenoptera of Argentina, Paraguay, and Uruguay); Jörgensen, 1912:292 (Argentina: Mendoza Province); Schrottky, 1913a:231 (listed); R. Bohart and Menke, 1976:266 (listed); R. Bohart, 1979:479 (in revision of South American *Tachytes*; Argentina to Surinam);

Garcete-Barrett, 2001b:62 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

Tachytes callosus Kohl, 1892:218, ♀ (as *callosa*, incorrect original termination). Holotype: ♀, Brazil: Rio Grande do Sul (NHMW). Tentatively synonymized with *Tachytes rhododactylus* by R. Bohart in Bohart and Menke, 1976:266, synonymy confirmed by R. Bohart, 1979:479. – Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Poulton, 1918:xxxvii (Brazil, prey: "petites mouches"); Dollfuss, 1989:13 (type material in NHMW)

226. *rhodogaster* R. Bohart

Tachytes rhodogaster R. Bohart, 1979:480, ♂, ♀. Holotype: ♂, Venezuela: Zulia: Rosario (USNM). Paratype: Brazil. – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

227. *richardsi* R. Bohart

Tachytes richardsi R. Bohart, 1979:481, ♀, ♂. Holotype: ♀, Guiana: Kaieteur (BMNH). Paratypes: Argentina to Ecuador and Colombia. – Dollfuss, 1989:13 (paratype in NHMW); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

228. *roraimae* R. Bohart

Tachytes roraimae R. Bohart, 1979:482, ♂, ♀. Holotype: ♂, Brazil: Roraima: Surumu (UCD). – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

229. *rubellus* R. Turner

Tachytes rubellus R. Turner, 1908:482, ♂. Holotype or syntypes: ♂, Australia: Northern Territory: Darwin (BMNH). – R. Turner, 1910a:348 (in key), 1916c:300 (in revision of Australian *Tachytes*, description of ♀); R. Bohart and Menke, 1976:266 (listed); Cardale, 1985:238 (in catalog of Australian Sphecidae).

230. *rubioi* R. Bohart

Tachytes rubioi R. Bohart, 1979:483, ♂, ♀. Holotype: ♂, Venezuela: Aragua: Puerto de Cata (UCD). – Dollfuss, 1989:13 (paratype in NHMW); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

231. *rufalaris* R. Bohart

Tachytes rufalaris R. Bohart, 1979:483, ♂, ♀. Holotype: ♂, Argentina: Santo Pipo (M. Fritz coll.). – Fritz, 1993:16 (holotype in M. Fritz coll.); Garcete-Barrett, 2001b:62 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

232. *rufipalpis* Cameron

Tachytes rufipalpis Cameron, 1904f:296, ♀. Holotype or syntypes: ♀, India: Assam: Khasia Hills; or Himachal Pradesh: Simla (OXUM). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:266 (listed).

233. *rufiscutis* R. Turner

Tachytes rufiscutis R. Turner, 1918a:95, ♂. Holotype or syntypes: ♂, Malawi: Mlanje (BMNH). – Arnold, 1923b:201 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:266 (listed).

234. *rufomarginatus* Arnold

Tachytes rufomarginatus Arnold, 1945:109, ♂, ♀ (as *rufomarginata*, incorrect original termination). Syntypes: Madagascar: Bekily (MNHN). – As *Tachytes rufomarginatus*: R. Bohart and Menke, 1976:266 (listed); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae).

235. *rugulosus* R. Bohart

Tachytes rugulosus R. Bohart, 1979:484, ♀. Holotype: ♀, Colombia: Meta: Río Duda (BMNH). – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

236. *sacricola* Pulawski

Tachytes sacricola Pulawski, 1962b:394, ♀, ♂. Holotype: ♂, Israel: Bat Yam (W. Pulawski coll.). – de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel; variation); R. Bohart and Menke, 1976:266 (listed).

237. *sagani* Guiglia

Tachytes sagani Guiglia, 1943c:73, ♀. Holotype: ♀, Ethiopia: Gamo Gofa: Banno (MSNG). – R. Bohart and Menke, 1976:266 (listed).

Tachytes sagani Guiglia, 1950:255. Objective synonym of *Tachytes sagani* Guiglia, 1943.

238. *saharicus* Pulawski

As *Tachytes rufipes*: Berland, 1942 (♀ only), corrected to *Tachytes saharicus* by Pulawski, 1962:383.

Tachytes saharicus Pulawski, 1962b:383, ♀, ♂. Holotype: ♀, s. Algeria: Sali Touat (MNHN). – R. Bohart and Menke, 1976:266 (listed); Guichard, 1994b:217 (Arabian Peninsula).

239. *salvus* Kohl

Tachytes salvus Kohl, 1906a:216, ♀ (as *salva*, incorrect original termination). Holotype or syntypes: ♀, Yemen: Socotra: Rhas Shoab (NHMW). – As *Tachytes salvus*: R. Bohart and Menke, 1976:266 (listed); Dollfuss, 1989:13 (type material in NHMW).

240. *saundersii* Bingham

Tachytes saundersii Bingham, 1897:189, ♀, ♂. Lectotype: ♀, Burma: Tenasserim: Haundraw Valley (BMNH), designated by Pulawski, 1975a:317. – nec Matsumura, 1911:120, 1930:20, and 1931:21 (= *Tachytes sinensis* F. Smith); Pulawski, 1975a:317 (diagnostic characters); R. Bohart and Menke, 1976:266 (listed); Tsuneki, 1977j:269 (Taiwan); Porter, Stange, and Wang, 1999:8 (in checklist of Sphecidae of Taiwan); Hua, 2006:283 (in list of Chinese insects, geographic distribution); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China).

Tachytes shiva Nurse, 1903b:3, ♀. Lectotype: ♀, India: Gujarat: Deesa (BMNH), designated by Pulawski, 1975a:317. Synonymized with *Tachytes saundersii* by Pulawski, 1975a:317. – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897).

Tachytes varipilosus Cameron, 1905:159, ♀ (actually ♂: Pulawski, 1975b:317; as *varipilosa*, incorrect original termination). Holotype: ♂, Malaysia: Sarawak (= Borneo): Kuching (BMNH). Synonymized with *Tachytes saundersii* by Pulawski, 1975a:317.

Tachytes formosanus Tsuneki, 1966g:12, ♂. Holotype: ♂, Taiwan: Taipei Prefecture: Yangmingshan (Kyushu Univ., Fukuoka). Synonymized with *Tachytes saundersii* by Pulawski, 1975a:317. – Tsuneki, 1967b:44 (Taiwan), 1967i:390 (Taiwan), 1971h (Taiwan); Haneda, 1971b:30 (Taiwan), 1972a:4 (Taiwan); Murota, 1973b:117 (Taiwan); Tsuneki, 1974b:615 (Thailand; additional description).

ssp. *suluensis* Williams

Tachytes suluensis Williams, 1928a:88, ♀, ♂. Holotype: ♀, Philippines: Mindanao: Dapitan (...). – As *Tachytes saundersii suluensis*: Baltazar, 1966:329 (new status, in catalog of Hymenoptera of Philippines); Pulawski, 1975a:317 (new status, diagnostic characters); R. Bohart and Menke, 1976:266 (listed).

241. *sayi* Banks

Tachytes sayi Banks, 1942:421, ♀, ♂. Holotype: ♂, USA: Colorado: Clear Creek (MCZ). – Banks, 1942:421 (in revision of North American *Tachytes*); Strickland, 1947:129 (Canada: Alberta: Lethbridge, Medicine Hat); G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); R. Bohart, 1962b:129 (revision); Evans and Kurczewski, 1966:331 (nesting habits); G. Bohart, Nye, and Hawthorn, 1970:49 (Utah: Logan, onion pollina-

tor); Evans, 1970:489 (Wyoming: Jackson Hole); Horning and Barr, 1970:103 (USA: Idaho: Craters of the Moon National Monument); R. Bohart and Menke, 1976:266 (listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*).

Tachytes brevipilis Banks, 1942:422, ♀. Holotype: ♀, USA: Texas: Lee County: Fedor (MCZ). Synonymized with *Tachytes sayi* by R. Bohart, 1962b:129 and by R. Bohart in Bohart and Menke, 1976:266. – G. Bohart in Muesebeck et al., 1951:945 (in catalog of North American Hymenoptera).

Tachytes hesperus Banks, 1942:423, ♀, ♂. Holotype: sex not indicated, USA: Washington: Spokane (MCZ). Synonymized with *Tachytes sayi* by R. Bohart, 1962b:129 and by R. Bohart in Bohart and Menke, 1976:266 (as new synonym). – Strickland, 1947:129 (Canada: Alberta: Medicine Hat); G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); Gittins, 1960:135 (Idaho).

As *Tachytes pepticus*: W. Fox, 1892e:242 (in revision of North American *Tachytes*), and 1894a:502 (in revision of North American Larrinae), corrected to *Tachytes sayi* by Banks, 1942:421.

242. *schlingeri* R. Bohart

Tachytes schlingeri R. Bohart, 1979:485, ♂. Holotype: ♂, Peru: Colonia Perene 18 mi NE La Merced (CAS). – Amaranthe, 2002:38 (in catalog of Neotropical Crabronidae).

243. *sculleni* R. Bohart

Tachytes sculleni R. Bohart, 1962b:126, ♂, ♀. Holotype: USA: Arizona: Willcox (CAS). – R. Bohart and Menke, 1976:266 (listed); Krombein, 1979b:1625 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Alcock, 2007a:365 (males perching close to the ground on trees or shrubs in User Mountains, Arizona).

244. *sedulus* F. Smith

Tachytes sedulus F. Smith, 1860b:124, ♀. Holotype or syntypes: ♀, Indonesia: Moluccas: Halmahera: Kaisaa, now Kajoa (OXUM). – Kohl, 1885a:406 (in checklist of world *Tachytes*); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:266 (listed).

245. *seminole* Banks

Tachytes elongatus var. *seminole* Banks, 1942:419, ♂. Holotype: ♂, USA: Florida: South Miami or Larkins (MCZ). – As *Tachytes seminole*: G. Bohart in Muesebeck et al., 1951:946 (new status, in catalog of North American Hymenoptera); R. Bohart, 1994a:344 (in key to North American *Tachytes*).

246. *separabilis* R. Turner

Tachytes separabilis R. Turner, 1917d:27, ♀, ♂. Syntypes: Ghana, Kenya, South Africa (BMNH, SAM). – Arnold, 1923b:204 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:266 (listed).

247. *setiger* Kohl

Tachytes setiger Kohl, 1898a:350, ♀ (as *setigera*, incorrect original termination). Holotype: ♀, Brazil: Bahia (NHMW). – R. Bohart and Menke, 1976:266 (listed). – As *Tachytes setiger*: R. Bohart, 1979:486 (in revision of South American *Tachytes*; n. Argentina, Brazil); Garcete-Barrett, 2001b:63 (Paraguay: locality records); Amaranthe, 2002:38 (in catalog of Neotropical Crabronidae).

248. *setosus* Taschenberg

Tachytes setosus Taschenberg, 1870:13, ♀, ♂. Lectotype: ♂, Brazil: Minas Gerais: Lagoa Santa (Halle), designated by R. Bohart, 1979:488. – Kohl, 1885a:407 (in checklist of world *Tachytes*); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:266 (listed); R. Bohart, 1979:488 (in revision of South American *Tachytes*; n. Argentina to Surinam); Amaranthe, 1993:19 (ne. Brazil); Garcete-Barrett, 2001b:63 (Paraguay: locality records); Amaranthe, 2002:38 (in catalog of Neotropical Crabronidae).

249. *sexdens* R. Bohart

Tachytes sexdens R. Bohart, 1979:488, ♀. Holotype: ♀, Brazil: Pará: no specific locality (UCD). – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

250. *sheppardi* Arnold

Tachytes sheppardi Arnold, 1940:117, ♀ (as *Sheppardi*, incorrect original capitalization). Holotype: ♀, Zimbabwe: Umtali (TMP). – R. Bohart and Menke, 1976:266 (listed).

251. *silverlocki* R. Turner

Tachytes silverlocki R. Turner, 1917d:42, ♀. Syntypes: ♀, Kenya, Zambia (BMNH). – Arnold, 1923b:217 (revision, as *Silverlocki*), 1929c:391 (additional description), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:267 (listed).

252. *silvicola* Williams

Tachytes silvicola Williams, 1928a:89, ♀. Holotype: ♀, Philippines: Luzon: Los Baños (BISHOP). – Baltazar, 1966:329 (in catalog of Hymenoptera of Philippines); R. Bohart and Menke, 1976:267 (listed).

253. *silvicoloides* Williams

Tachytes silvicoloides Williams, 1928a:90, ♀. Holotype: ♀, Philippines: Island of Samar (BISHOP). – Baltazar, 1966:328 (in catalog of Hymenoptera of Philippines); R. Bohart and Menke, 1976:267 (listed); Tsuneki, 1976b:49 (Philippines; redescription; as *silvicoloides silvicoloides*).

ssp. *tawitawiensis* Tsuneki

Tachytes silvicoloides tawitawiensis Tsuneki, 1976b:51. Holotype: ♀, Philippines: Tawi Tawi: Tarawakan (ZMK, Copenhagen).

254. *simillimus* von Schulthess

Tachytes simillima Kohl: Morice, 1911:99, nomen nudum (Algeria: Biskra).

Tachytes simillimus von Schulthess, 1926a:157, ♀, ♂ (authorship attributed to Kohl). Lectotype: ♂, Algeria: Biskra (Zurich, coll. Schulthess), designated by Pulawski, 1962b:361. – von Schulthess, 1926b:214 (Algeria, Tunisia, redescription); de Beaumont, 1955a:171 (Morocco); Pulawski, 1962b:359 (in revision of Palearctic *Tachytes*); R. Bohart and Menke, 1976:267 (listed); Guichard, 1994b:217 (Saudi Arabia: El Riyadh, al-Ha'ir).

255. *simulans* F. Smith

Tachytes simulans F. Smith, 1873:58, ♀. Holotype: ♀, Brazil: Amazonas: Ega, now Tefê (BMNH). – Kohl, 1885a:407 (in checklist of world *Tachytes*); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:267 (listed); R. Bohart, 1979:489 (in revision of South American *Tachytes*; South America except Chile); Garcete-Barrett, 2001b:63 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

256. *simulatrix* R. Turner

Tachytes simulatrix R. Turner, 1917d:18, ♀. Holotype: ♀, Nigeria: Okigwi (BMNH). – Arnold, 1923b:201 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:267 (listed).

257. *sinensis* F. Smith

Tachytes sinensis F. Smith, 1856:299, ♀ (as *Sinensis*, incorrect original capitalization). Holotype or syntypes: ♀, China: Shanghai (BMNH). – Kohl, 1885a:407 (in checklist of world *Tachytes*); Sickmann, 1894:215 (China: Hopei Province: Tientsin); Bingham, 1897:189 (redescription); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Gussakovskij, 1938:7 (China: Kiangsu Province); Tsuneki, 1964a:2 (key), 3 (Japan; redescription, synonymy), 10 (insertion into Pulawski's key); Iwata, 1964b:368 (prey in Thailand); Tano, 1964:38 (Japan: Kyushu: Yakushima Island); Tsuneki, 1964l:63 (key); Iwata, 1965:107 (number of oocytes); Tsuneki, 1966a:22 (prey);

1966g:10 (Taiwan, Ryukyus; geographic form); Fukuda, 1968:27 (Japan); Haneda, 1968a:43 (Japan); T. Iida, 1968:21 (Japan); Itami, 1968a:15 (Japan: Yamagata Prefecture: foot of Mount Iide); Nishino, 1968:24 (Japan); Itami, 1969:48 (Japan: Niigata Prefecture); Tsuneki, 1969c:1 (nesting habits), 1969e:25 (Japan), 1974a:362 (Korea); Nambu, 1975b:62 (Japan: Saitama Prefecture); Tsuneki, 1982b:15 (known from Korea), 1982g:59 (known from the Ryukyu archipelago), 1991:199 (Korea); Zhou and Wu, 1993a:671 (China: Wuling Mountains); S. Gupta, 1995:86 (India: Uttar Pradesh); Miyatake, 1996:101 (specimens in Hiroshi Aoki collection); Wu and Zhou, 1996a:85 (in Economic Insect Fauna of China); Li and He, 1998b:398 (China: Longwangshan Nature Reserve, as *sinensis sinensis*); Yamane, Ikudome, and Terayama, 1999:516 (in Identification Guide to Crabronidae of Nansei = Ryukyu Islands, Japan); Konno et al., 2002:310 (bradykinins not found in venom); Haneda, 2003:4 (Japan: Nagasaki Prefecture: Tsushima, as *sinensis sinensis*); Haneda and Inoue, 2003:50 (Japan: Fukui Prefecture: Katsumi in City of Obama, as *sinensis sinensis*); Tano, Kurokawa, Murota, and Nozaka, 2003:31 (Japan: Nagasaki Prefecture: Tsushima, as *sinensis sinensis*); Ohl and Linde, 2003:150 (number of ovarioles); Li and He, 2004:1100 (in hymenopterous fauna of Zhejiang Province, China); Suda, 2004:40 (Japan: Yamanashi Prefecture, as *sinensis sinensis*); Haneda, Inoue, Nozaka, Tano, Kurokawa, and H. and T. Murota, 2005:65 (Japan: Fukui Prefecture: Mount Monju, as *sinensis sinensis*); Negoro, Haneda, and Tano, 2005:46 (Japan: Toyama Prefecture, as *sinensis sinensis*); Haneda, Nozaka, Tano, Kurokawa and Murota, 2006:22 (Japan: Toyama Prefecture, as *sinensis sinensis*); Nambu, 2006:247 (Japan: Tokyo: Imperial Palace garden, as *sinensis sinensis*); Hua, 2006:283 (in list of Chinese insects, geographic distribution); Ohkusa, 2007:34 (Japan: central Honshu: Aichi Prefecture, as *sinensis sinensis*); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China); Okusa and Tajima, 2008:74 (Japan: central Honshu: Aichi Prefecture, as *sinensis sinensis*).

Tachytes rothneyi Cameron, 1889c:139, sex not indicated (as *Rothneyi*, incorrect original capitalization). Syntypes: India: Calcutta and Tirhoor (OXUM). Synonymized with *Tachytes sinensis* by ... – Dalla Torre, 1897:693 (in catalog of world Hymenoptera).

Tachytes japonicus Kohl, 1888a:141, ♀, ♂ (as *japonica*, incorrect original termination). Syntypes: Japan: no specific locality (coll. Radoszkowski and NHMW). Synonymized with *Tachytes sinensis* by Tsuneki, 1964a:3. – Dalla Torre, 1897:690 (in catalog of world Hymenoptera); Dollfuss, 1989:13 (type material in NHMW)

As *Tachytes saundersi*: Matsumura, 1911:120 (...), 1930:22 (...) and 1931:21 (...), corrected to *Tachytes sinensis* by Tsuneki, 1964a:3.

As *Tachytes etruscus*: Tsuneki, 1946:165 (nesting habits), corrected to *Tachytes sinensis* by Tsuneki, 1964a:3.

ssp. *fundatus* Rohwer

Tachytes fundatus Rohwer, 1911a:484, ♀, ♂. Holotype: sex not indicated, Taiwan: Horisha (USNM). – As *Tachytes sinensis fundatus*: Tsuneki, 1967b:42 (new status, Taiwan), 1967i:389 (Taiwan); Porter, Stange, and Wang, 1999:9 (in checklist of Sphecidae of Taiwan); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China).

ssp. *yaeyamanus* Tsuneki

Tachytes sinensis yaeyamanus Tsuneki, 1972b:18, ♂. Holotype: ♂, Ryukyu Islands: Iriomote Island: Furumi-Ohara (originally K. Tsuneki coll., now Hyogo Mus.), 1982f:46 (Ryukyu Islands: Ishigaki Island), 1982g:59 (known from the Ryukyu archipelago); Tano, 1994a:5 (holotype in K. Tsuneki collection); Hashimoto and Nakanishi, 1997:19 (holotype transferred to Hyogo Mus., as *Tachysphex*); Hua, 2006:283 (in list of Chinese insects, geographic distribution).

258. *sinuatus* Pulawski

Tachytes sinuatus Pulawski, 1962b:364, ♂. Holotype: ♂, Israel: Beersheba (coll. H. Bytinski-Salz). – de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel).

259. *sjoestedti* Cameron

Tachytes sjoestedti Cameron, 1908a:284, ♀ (as *Sjöstedti*, incorrect original capitalization and diacritic mark). Holotype or syntypes: ♀, Kenya: Mt. Meru lowlands: Ngare na nyuki (NRS). – Arnold, 1923b:199 (original description copied), 1930:5 (in checklist of Afrotropical Sphecidae); Berland, 1942:3 (Djibuti: Obock); R. Bohart and Menke, 1976:267 (listed).

***ssp. formosus* Arnold**

Tachytes sjoestedti, race *formosa* Arnold, 1923b:199, ♀ (as *formosa*, incorrect original termination). Holotype or syntypes: ♀, Zimbabwe: Essexvale (SAM). – Arnold, 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes sjoestedti formosus***: R. Bohart and Menke, 1976:267 (new status, listed).

***ssp. karrooensis* Arnold**

Tachytes sjoestedti, race *karrooensis* Arnold, 1923:199, ♀, ♂. Syntypes: South Africa: Willowmore (?TMP). – Arnold, 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes sjoestedti karrooensis***: R. Bohart and Menke, 1976:267 (new status, listed).

260. *spatiosus* T. Li, Cai, and Li

Tachytes spatiosus T. Li, Cai, and Li, 2008:155, ♂. Holotype: ♂, China: Zhejiang: Anlongmiewang Mountain (ZHEJIANG UNIVERSITY, HANGZHOU) – T. Li, Cai, and Li, 2008:155 (in key to *Tachytes* of China).

261. *spatulatus* W. Fox

Tachytes spatulatus W. Fox, 1892e:243, ♂. Holotype: ♂, USA: Nevada: no specific locality (ANSP). – W. Fox, 1894a:502 (in revision of North American Larrinae); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Cockerell, 1899a:143 (New Mexico); Cresson, 1928:46 (holotype in ANSP); Banks, 1942:425 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera); R. Bohart, 1962b:128 (revision); G. Bohart, Nye, and Hawthorn, 1970:48 (Utah: Logan, onion pollinator); Horning and Barr, 1970:103 (USA: Idaho: Craters of the Moon National Monument); R. Bohart and Menke, 1976:267 (listed); Krombein, 1979b:1625 (in catalog of North American Hymenoptera); R. Bohart, 1994a:345 (in key to North American *Tachytes*); Weissmann and Kondratieff, 1999:78 (Colorado: Great Sand Dunes National Monument); Alcock, 2007a:364 (males perching near top of trees or shrubs or near center of plant in User Mountains, Arizona, lower than those of *T. ermineus*).

Tachytes basirufus Rohwer, 1909d:197, ♂. Holotype: ♂, USA, Colorado: Larimer County: Livermore (USNM). Synonymized with *Tachytes spatulatus* by R. Bohart in Bohart and Menke, 1976:267. – Banks, 1942:426 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:945 (in catalog of North American Hymenoptera); R. Bohart, 1962b:127 (revision).

Tachytes utahensis Banks, 1942:424, ♀, ♂. Holotype: ♀, USA: Watson: (MCZ). Synonymized with *Tachytes spatulatus* by R. Bohart, 1962b:128. – G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera).

262. *stangei* R. Bohart

Tachytes stangei R. Bohart, 1979:490, ♂, ♀. Holotype: ♂, Argentina: Mendoza: Tupengasta (UCD). – Dollfuss, 1989:13 (paratype in NHMW); Garcete-Barrett, 2001b:63 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

263. *sulcatus* R. Turner

Tachytes sulcatus R. Turner, 1916c:304, ♀, ♂. Syntypes: Western Australia: Busselton, Cottesloe (BMNH). – R. Bohart and Menke, 1976:267 (listed); Cardale, 1985:238 (in catalog of Australian Sphecidae).

264. *surigensis* Williams

Tachytes surigensis Williams, 1928a:88, ♀, ♂. Holotype: ♀, Philippines: Mindanao: Surigao (BISHOP). – Baltazar, 1966:329 (in catalog of Hymenoptera of Philippines); R. Bohart and Menke, 1976:267 (listed); Tsuneki, 1983a:51 (Philippines; taxonomic comments).

265. *tabrobanae* Cameron

Tachytes tabrobanae Cameron, 1900a:23, ♀. Holotype or syntypes: ♀, Sri Lanka: no specific locality (BMNH). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); Pulawski, 1975a:316 (diagnostic characters); R. Bohart and Menke, 1976:267 (listed).

Tachytes proximus Nurse, 1903a:515, ♀, ♂ (as *proxima*, incorrect original termination). Lectotype: ♀, India: Bombay State: Deesa (BMNH), designated by Pulawski, 1975a:316. Synonymized with *Tachytes tabrobanae* by Pulawski, 1975a:316. – Nurse, 1909:512 (male syntypes are a different species); Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Turner, 1917e:200 (India: Pusa, Chapra).

266. *tachyrrhostus* de Saussure

Tachytes tachyrrhostus de Saussure, 1854:18, ♂. Holotype or syntypes: ♂, New Holland, now Australia: no specific locality (MHNG). – F. Smith, 1856:301 (in catalog of Hymenoptera in British Museum, description of ♀); de Saussure, 1867:73 (Tasmania, redescription); Kohl, 1885a:407 (in checklist of world *Tachytes*); Froggatt, 1892:218 (in catalog of Australian Hymenoptera); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); R. Turner, 1910a:348 (unrecognizable species); W. Schulz, 1911b:189 (redescription of holotype); R. Turner, 1915b:557 (Australia: New South Wales, Victoria), 1916c:305 (unrecognizable species); R. Bohart and Menke, 1976:267 (listed) Cardale, 1985:238 (in catalog of Australian Sphecidae).

267. *tarsalis* (Spinola)

Lyrops tarsalis Spinola, 1839. Holotype: ♂, Egypt: no specific locality (Torino). – de Beaumont, 1952e:47 (study of holotype); Casolari and Casolari Moreno, 1980:113 (specimens in M. Spinola collection); Pagliano, 2008:547 (holotype in M. Spinola collection, Torino). – **As *Tachytes tarsalis***: Kohl, 1885a:398 (tentative new combination, original description copied), 407 (in checklist of world *Tachytes*); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Pulawski, 1962b:375 (in revision of Palearctic *Tachytes*); de Beaumont, 1967a:330 (Turkey); Myartseva, 1972a:77 (Turkmenistan); Kazenas, 1978b:106, 110 (in key to Sphecidae of Kazakhstan and Central Asia); Islamov, 1986:525 (Uzbekistan: Tashkent Oblast'); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:64 (geographic distribution, collecting localities in Kazakhstan); Ljubomirov and Yildirim, 2008:228 (in catalog of Crabronidae of Turkey).

Larrada tarsata F. Smith, 1856:281, junior secondary homonym of *Tachytes tarsatus* Say, 1823 (now in *Tachysphex*) and primary homonym of *Tachytes tarsatus* F. Smith, 1856:297. Misspelling or unnecessary substitute name for *Lyrops tarsalis* Spinola, 1839.

Tachytes etrusca Rossi var. *turcomanicus* Radoszkowski, 1893a:61, ♂ (as *Turcomanica*, incorrect original capitalization and termination). Syntypes: ♂, Turkmenistan: Merv, now Mary (Kraków). Synonymized with *Tachytes tarsalis* by Pulawski, 1962b:375. – Dalla Torre, 1897:689 (in catalog of world Hymenoptera). – **As *Tachytes turcomanica***: de Beaumont, 1936b:600 (study of syntypes); nec Honoré, 1942:57 (= *Tachytes diversicornis*); Gusakovskij, 1952:231 (♀; Tajikistan, Turkmenistan, Uzbekistan, Iran).

268. *testaceinervus* Cameron

Tachytes testaceinervus Cameron, 1908a:283, ♀ (as *testaceinerva*, incorrect original termination). Holotype or syntypes: ♀, Tanzania: Mt. Meru lowlands: Ngare na nyuki (NRS). – R. Turner, 1917d:28 (revision; ♂; Malawi); Arnold, 1923b:204 (revision) Bohart and Menke, 1976:267 (listed).

269. *tomentosus* Kohl

Tachytes tomentosus Kohl in Schletterer, 1891:16, ♀ (as *tomentosa*, incorrect original termination). Holotype or syntypes: ♀, South Africa: Cape Province: no specific locality (NHMW). – R. Turner, 1917d:33 (revision; Ghana, Malawi, Uganda); Arnold, 1923b:207 (revision), 1930:5 (in checklist of Afrotropical Sphecidae). – **As *Tachytes tomentosus***: R. Bohart and Menke, 1976:267 (listed); Dollfuss, 1989:13 (type material in NHMW), 1990:122 (Central African Republic).

270. *toyensis* Tsuneki

Tachytes toyensis Tsuneki, 1971h:8. Holotype: ♂, Taiwan: Taoyuan Prefecture: Taoyuan (originally K. Tsuneki coll., now USNM). – R. Bohart and Menke, 1976:267 (listed); Nuhn and Menke, 1994:26 (holotype transferred to USNM); Porter, Stange, and Wang, 1999:9 (in checklist of Sphecidae of Taiwan); Hua, 2006:283 (in list of Chinese insects, geographic distribution); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China).

271. *transvaalensis* Cameron

Tachytes transvaalensis Cameron, 1905e:153, ♀. Holotype or syntypes: ♀, South Africa: Transvaal: no specific locality (...). – R. Turner, 1917d:37 (revision); Arnold, 1923b:212 (revision), 1930:5 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:267 (listed).

272. *trichopygus* Pulawski

Tachytes trichopygus Pulawski, 1962b:403, ♂. Holotype: ♂, Egypt: Sinai: Wadi Feiran (LAUSANNE). – de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel); Roche, 1981:2 (in checklist of Sphecidae of United Arab Emirates); Guichard, 1994b:217 (United Arab Emirates: Hatta); Roche and Zalut, 1994:115 (Egypt: Sinai Peninsula).

273. *tricinctus* (Fabricius)

Liris tricincta Fabricius, 1804:229, sex not indicated (as *3.cincta*, incorrect original spelling). Lectotype: ♂, Virgin Islands: St. Thomas Island (ZMK, coll. Sehestedt), designated by van der Vecht, 1961a:13. – Cresson, 1862:238 (in catalog of North American Hymenoptera). – **As *Tachytes tricinctus***: Dahlbom, 1843:125 (new combination), 1845:470 (as new synonym of *Tachytes repandus*); F. Smith, 1856:306 (in catalog of Hymenoptera in British Museum); Kohl, 1885a:407 (in checklist of world *Tachytes*); Dalla Torre, 1897:694 (in catalog of world Hymenoptera); Ashmead, 1900:306 (in checklist of Caribbean Hymenoptera); Alayo Dalmau, 1976:21 (in checklist of Cuban Sphecidae); R. Bohart and Menke, 1976:267 (listed); Elliott, Kurczewski, Clafin, and Salbert, 1979:356 (Bahama Islands: San Salvador Island); Elliott and Salbert, 1981:170 (Bahama Islands: nesting habits); Elliott and Elliott, 1992:261 (male mating tactics); Snelling, 1992:14 (Virgin Islands: Guana and Mona Islands); Snelling, 1993a:18 (British Virgin Islands: Guana Island), 19 (same: Mona Island), 1993b:13 (specimens previously recorded by Snelling from Virgin Island can be *Tachytes distinctus*); Fernández, Sariol, Vega, Ricardo, González, and Portuondo, 2002:46 (Cuba: Provincia Granma); Portuondo and Fernández, 2004:135 (Cuba: Sierra Maestra); Genaro, 2006:55 (in checklist of Cuban Sphecidae and Crabronidae; also: Bahamas: San Salvador Island; Guana Island, Mona Island, St. Thomas).

Tachytes cubensis Cresson, 1865a:139, ♀, ♂. Syntypes: Cuba: no specific locality (IZAC). Synonymized with *Tachytes tricinctus* by van der Vecht, 1961a:13. – Kohl, 1885a:401 (in checklist of world *Tachytes*); Dalla Torre, 1897:689 (in catalog of world Hymenoptera); Ashmead, 1900:306 (in checklist of Caribbean Hymenoptera); Cresson, 1916:95 (syntypes in Gundlach collection, Cuba); Alayo Dalmau, 1973:176 (in catalog of Cuban Hymenoptera); de Zayas, 1981:77 (illustration of habitus); Alayo Soto, 1982:6 (nesting habits).

Tachytes antillarum Cameron, 1906:283, ♂. Holotype or syntypes: ♂, Cuba: Havana (USNM or BMNH?). Synonymized with *Tachytes tricinctus* by Genaro, 2006:55– Alayo Dalmau, 1973:177 (in catalog of Cuban Hymenoptera), 1976:21 (in checklist of Cuban Sphecidae); R. Bohart and Menke, 1976:263 (listed).

274. *trigonalis* de Saussure

Tachytes trigonalis de Saussure, 1867:72, ♂, Holotype or syntypes: ♂, Indonesia: Java: Batavia, now Djakarta (NHMW). – Kohl, 1885a:407 (in checklist of world *Tachytes*); Cameron, 1889c:141 (as synonym of *Tachytes nitidulus*); Dalla Torre, 1897:695 (in catalog of world Hymenoptera); Maidl, 1925a:389 (Indonesia: Sumatra); R. Bohart and Menke, 1976:267 (listed).

275. *turneri* Arnold

Tachytes turneri Arnold, 1923b:205, ♀, ♂ (as *Turneri*, incorrect original capitalization). Syntypes: Zimbabwe: Sawmills (SAM). – Arnold, 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:267 (listed).

276. *ugandensis* R. Turner

Tachytes ugandensis R. Turner, 1917d:31, ♀, ♂. Syntypes: Uganda: Entebbe and Chagwe in Mariba Forest (BMNH). – Arnold, 1923b:205 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:267 (listed).

277. *ustulatus* R. Bohart

Tachytes ustulatus R. Bohart, 1979:492, ♂, ♀. Holotype: ♂, Argentina: Catamarca: Andalgalá (UCD). – Garcete-Barrett, 2001b:63 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

278. *vagus* Radoszkowski

Tachytes vagus Radoszkowski, 1877:25, ♀, ♂ (as *vaga*, incorrect original termination). Lectotype: ♂, Uzbekistan: Kizilkum Desert (ZIN), designated by Pulawski, 1962b:354. – Kohl, 1885a:398 (original description copied), 408 (in checklist of world *Tachytes*); nec Radoszkowski, 1886a:29 and 1892:590 (= *Tachytes levantinus*); Dalla Torre, 1897:695 (in catalog of world Hymenoptera); de Beaumont, 1936b:602 (specimens in coll. Radoszkowski, redescription); Pulawski, 1962b:352 (in revision of Palearctic *Tachytes*); Kazenas, 1974b:110 (feeding on flowers of *Euphorbia* spp., Euphorbiaceae, in Kazakhstan), 1978b:107, 110 (in key to Sphecidae of Kazakhstan and Central Asia); Islamov, 1986:525 (Uzbekistan: Tashkent Oblast'); Kazenas and Nasyrova, 1991:38 (Kazakhstan: preying on *Calliptamus barbarus cephalotes* F.W. and *Docioctaurus tartarus* (Stshelk.); Kazenas, 2001:27 (in checklist of Sphecidae of Kazakhstan and Central Asia), 153 (review of known biology), 2002a:64 (geographic distribution, collecting localities in Kazakhstan).

Tachytes vaga Radoszkowski "A": de Beaumont, 1936b:603 (description), corrected to *Tachytes vagus* by Pulawski, 1962b:352 and 355 (*vaga* "B" = *Tachytes levantinus*, *vaga* "C" = *Tachytes matronalis*).

279. *validus* Cresson

Tachytes validus Cresson, 1873:216, ♀, ♂. Lectotype: ♀, USA: Texas: Bosque County: no specific locality (ANSP), designated by Cresson, 1916:96. – Kohl, 1885a:408 (in checklist of world *Tachytes*); Cresson, 1887:277 (in catalog of North American Hymenoptera); W. Fox, 1892e:237 (in revision of North American *Tachytes*), 1894a:501 (in revision of North American Larrinae); Dalla Torre, 1897:695 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); F. Williams, 1914a:152 (in revision of Larrinae of Kansas); Brimley, 1938:443 (North Carolina: Raleigh, Sanford); Banks, 1942:410 (in revision of North American *Tachytes*); Brimley, 1942:35 (North Carolina: Edgecombe, Raleigh); G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera); Evans and Kurczewski, 1966:326 (nesting habits); Kurczewski and Ginsburg, 1971:113-130 (nesting habits); Kurczewski and Kurczewski, 1971:132 (prey: *Conocephalus brevipennis* (Scudder) and *nigropleurum* (Bruner), Tettigonidae); Bohart and Menke, 1976:267 (listed); Krombein, 1979b:1624 (in catalog of North American Hymenoptera); Finnamore, 1982:98 (in Sphecid Fauna of Southern Quebec); Spofford and Kurczewski, 1984 (New York State; parasites: *Senotainia trilineata* (Van der Wulp) and *vigilans* Allen; hyperparasite: *Perilampus hyalinus* Say); Kurczewski and Acciavatti, 1990:60 (New York: Cayuga County); Spofford and Kurczewski, 1992:996 (species of miltogrammine parasites listed), 1002 (counter-cleptoparasitic behavior: freeze-stop and face-off, diversionary

flight), 1005 (post-larvipositional counter-cleptoparasitic behavior: abandon prey); R. Bohart, 1994a:343 (in key to North American *Tachytes*); Ahlstrom, 1995:109 (in checklist of insects of North Carolina); Kurczewski, 1998d:250 (pine barrens in upstate New York); Buck, 2004:25 (in checklist of Sphecidae of Ontario).

Tachytes breviventris Cresson, 1872:216, ♂. Lectotype: ♂, USA: Texas: no specific locality (ANSP), designated by Cresson, 1916:95. Synonymized with *Tachytes validus* by ... – W. Fox, 1892e:239 (in revision of North American *Tachytes*); Viereck, 1893e:132 (New Jersey: Clementon); W. Fox, 1894a:501 (in revision of North American Larinae); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Rohwer, 1916b:686 (in catalog of Hymenoptera of Connecticut); J. Parker, 1921:103 (nesting habits); J.Ch. Bradley, 1928:1009 (in catalog of Hymenoptera of New York; Forest Hills); Brimley, 1938:442 (North Carolina: Raleigh); Banks, 1942:410 (in revision of North American *Tachytes*); Brimley, 1942:35 (deleted from list of North Carolina insects).

Tachytes calcaratus W. Fox, 1892e:239, ♀, ♂. USA. Syntypes: USA: Florida and New Jersey: no specific locality (ANSP, USNM). Synonymized with *Tachytes validus* by R. Bohart in Evans and Kurczewski, 1966:326 and in Bohart and Menke, 1976:267. – W. Fox, 1894a:501 (in revision of North American Larinae); Dalla Torre, 1897:688 (in catalog of world Hymenoptera); Ashmead, 1899d:249 (in checklist of North American Crabronidae); Rohwer, 1916b:686 (in catalog of Hymenoptera of Connecticut); Mickel, 1918b:415 (in catalog of Nebraskan Sphecidae); Brimley, 1938:442 (North Carolina: Aberdeen, Raleigh); Banks, 1942:410 (in revision of North American *Tachytes*); G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera).

Tachytes calcaratiformis Rohwer, 1909d:204, ♀, ♂. Syntypes: USA: New York: Van Cortland Park (Public Mus. Milwaukee). Synonymized with *Tachytes calcaratus* by G. Bohart in Muesebeck et al., 1951:946. – J.Ch. Bradley, 1928:1009 (in catalog of Hymenoptera of New York); Banks, 1942:411 (in revision of North American *Tachytes*); Noonan, 1984:6 (3 syntypes in Milwaukee Public Museum).

Tachytes belfragei Banks, 1942:411, ♀. Holotype: ♀, USA: Texas: no specific locality (MCZ). Synonymized with *Tachytes validus* by R. Bohart in Bohart and Menke, 1976:267. – G. Bohart in Muesebeck et al., 1951:946 (in catalog of North American Hymenoptera).

Tachytes calcaratiformis var. *coloradensis* Banks, 1942:411, ♀, ♂. Holotype: USA: Colorado: Boulder (MCZ). Synonymized with *Tachytes calcaratus* by G. Bohart in Muesebeck et al., 1951:946.

Tachytes quadrifasciatus Dreisbach, 1948:151, ♂. Holotype: ♂, USA: Michigan: Livingston County: E.S. George Reserve (MCZ). Synonymized with *Tachytes validus* by R. Bohart in Bohart and Menke, 1976:267. – G. Bohart in Muesebeck et al., 1951:947 (in catalog of North American Hymenoptera).

280. *vardyi* R. Bohart

Tachytes vardyi R. Bohart, 1979:494, ♂, ♀. Holotype: ♂, Peru: Huanuco: Tingo Maria (CAS). Paratypes: Argentina to Ecuador. – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

281. *varians* (Fabricius)

Liris varians Fabricius, 1804:229, sex not indicated. Lectotype: ♂, South America, probably Guiana (LUND), designated by van der Vecht, 1961a:15. – **As *Larra varians***: Kohl in Dalla Torre, 1987:674 (new combination, in catalog of world Hymenoptera). – **As *Lyrops varians***: Casolari and Casolari Moreno, 1980:112 (new combination, specimens in M. Spinola collection); Pagliano, 2008:545 (specimens in M. Spinola collection, Torino). – **As *Tachytes varians***: van der Vecht, 1961a:15 (new combination, redescription); R. Bohart and Menke, 1976:267 (listed); R. Bohart, 1979:496 (in revision of South American *Tachytes*; Surinam, Brazil, Venezuela, Curacão); Garcete-Barrett, 2001b:63 (Paraguay: locality records); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

282. *vechti* Tsuneki

Tachytes vechti Tsuneki, 1976b:51, ♀, ♂. Holotype: ♀, Philippines: Tawi Tawi: Uring Uring (ZMK).

283. *velox* F. Smith

Tachytes velox F. Smith, 1856:301, ♂. Holotype or syntypes: ♂, Gambia: no specific locality (BMNH). – Kohl, 1885a:408 (in checklist of world *Tachytes*); Dalla Torre, 1897:695 (in catalog of world Hymenoptera); Bingham, 1902:209 (Malawi); R. Turner, 1917d:13 (revision); Arnold, 1923a:186 (revision), 1930:4 (in checklist of Afrotropical Sphecidae); Berland, 1942:3 (West Africa and Congo: no specific localities; Zanzibar); Pulawski, 1975a:317 (diagnostic characters); R. Bohart and Menke, 1976:267 (listed).

Tachytes neavei R. Turner, 1917d:13, ♂. Holotype: ♂, Zaire: Katanga: Lualaba River (BMNH). Synonymized with *Tachytes velox* by Pulawski, 1975a:317. – Arnold, 1923a:186 (revision, as *Neavei*), 1930:4 (in checklist of Afrotropical Sphecidae).

284. *venezuelae* R. Bohart

Tachytes venezuelae R. Bohart, 1979:498, ♂, ♀. Holotype: ♂, Venezuela: Aragua: Ocumare de la Costa (USNM). – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

285. *versatilis* R. Turner

Tachytes versatilis R. Turner, 1917d:34, ♀, ♂. Syntypes: Malawi, Uganda (BMNH). – Arnold, 1923b:215 (revision), 1930:5 (in checklist of Afrotropical Sphecidae), 1951:147 (Ethiopia: Moggio); R. Bohart and Menke, 1976:267 (listed); Seyoum and Pulawski, 2001:325 (potential control agent of acridid pests in Ethiopia).

286. *vestitus* (F. Smith)

Tachytes tarsatus F. Smith, 1856:297, ♀, junior primary homonym of *Tachytes tarsatus* Say, 1823 (now in *Tachysphex*). Holotype or syntypes: ♀, India: no specific locality (BMNH). – Kohl, 1885a:407 (in checklist of world *Tachytes*); Cameron, 1889c:141 (India, redescription); Bingham, 1897:188 (redescription); nec R. Turner, 1910a:348 (in key; and Australia: Mackay and Cairns), corrected by R. Turner, 1916c:300 (correct name not indicated).

Larrada vestita F. Smith, 1873c:293, ♀, actually ♂. Holotype: ♂, India or Pakistan: no specific locality (BMNH). Synonymized with *Tachytes tarsatus* F. Smith by Bingham, 1897:188, synonymy confirmed by Pulawski, 1975a:315. – As *Larra vestita*: Kohl, 1885a:248 (new combination, in checklist of world *Larra*); Cameron, 1889c:125 (listed); Dalla Torre, 1897:675 (in catalog of world Hymenoptera). – As *Notogonia vestita*: Cameron, 1890b:314 (new combination). – As *Tachytes vestitus*: Pulawski, 1975a:315 (new combination, synonymy, diagnostic characters); R. Bohart and Menke, 1976:267 (listed).

Tachysphex tarsalis Dalla Torre, 1897:685, junior secondary homonym of *Tachytes tarsalis* (Spinola, 1839). Substitute name for *Tachysphex tarsatus* (F. Smith, 1856) Dalla Torre, 1895. – As *Tachytes tarsalis* F. Smith: von Schulthess, 1935:305 (new combination, Indonesia: Flores: Bedjawa, determination tentative).

287. *vicinus* Cameron

Tachytes vicinus Cameron, 1889c:140, ♂. Holotype or syntypes: India: Tirhoot (OXUM). – Bingham, 1897:191 (redescription); Dalla Torre, 1897:695 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:267 (listed).

288. *villegasi* R. Bohart

Tachytes villegasi R. Bohart, 1979:498, ♀. Holotype: ♀, Venezuela: Aragua: Lake Valencia (UCD). – Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

289. *vischnu* Cameron

Tachytes virchu Cameron, 1889c:138, ♂. Holotype or syntypes: ♂, India: Uttar Pradesh: Mussorie Hills (OXUM).

Tachytes vischnu Cameron, 1889c:viii (errata). – R. Bohart and Menke, 1976:267 (listed); S. Gupta, 1995:86 (India: Uttar Pradesh); Kifune, 1997:407 (parasite: *Paraxenos indicus* (Pierce, 1911)).

Tachytes vischu Dalla Torre, 1897:695. Unjustified emendation of *Tachytes virchu* Cameron.

Tachytes vishnu Bingham, 1897:191. Unjustified emendation of *Tachytes virchu* Cameron (redescription).

Tachytes vischnu Schulz, 1906:212. Unjustified emendation of *Tachytes virchu* Cameron.

290. *volubilis* R. Turner

Tachytes volubilis R. Turner, 1917d:24, ♂. Syntypes: Kenya (BMNH). – Arnold, 1923b:202 (revision); R. Bohart and Menke, 1976:267 (listed).

291. *weneri* R. Bohart

Tachytes weneri R. Bohart, 1994a:348, ♀, ♂. Holotype: ♂, USA: Arizona: Pima County: Madera Canyon (UCD). – R. Bohart, 1994a:344 (in key to North American *Tachytes*); Hook, 1998:250 (first record from Texas); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

292. *willinki* R. Bohart

Tachytes willinki R. Bohart, 1979:500, ♀, ♂. Holotype: ♀, Argentina: Salta: Tartagal (M. Fritz coll.). Paratypes: Brazil. – Fritz, 1993:16 (holotype in M. Fritz coll.); Amarante, 2002:38 (in catalog of Neotropical Crabronidae).

293. *xenoferus* Rohwer

Tachytes xenoferus Rohwer, 1911b:581, ♀, ♂. Holotype: ♂, India: Gujarat: Deesa (USNM). – Ramakrishna Aiyar, 1916:551 (in catalog of Indian aculeates described after Bingham, 1897); R. Bohart and Menke, 1976:267 (listed); Pulawski, 2006:167 (diagnostic characters, locality records from Burkina Faso, India, Niger, Oman, Sri Lanka, Taiwan, and Thailand); T. Li, Cai, and Li, 2008:154, 155 (in key to *Tachytes* of China).

Tachytes diversicornis R. Turner, 1918a:94, ♂, ♀. Lectotype: ♂, Pakistan: Karachi (BMNH), designated by Pulawski, 1975a:316. Synonymized with *Tachytes xenoferus* by Pulawski, 2006:167. – Pulawski, 1962b:399 (in revision of Palearctic *Tachytes*); de Beaumont, Bytinski-Salz and Pulawski, 1973:6 (Israel); R. Bohart and Menke, 1976:264 (listed); Guichard, 1980:227 (Oman), 1994b:21 (Arabian Peninsula); Seyoum and Pulawski, 2001:325 (potential control agent of acridid pests in Ethiopia).

Tachytes chudeaui var. *niger* Berland, 1942:4, ♀ (as *nigra*, incorrect original termination). Holotype: ♀, (Mali?) Middle Niger basin: Siganara (MNHN). Synonymized with *Tachytes xenoferus* by Pulawski, 2006:167. – As *Tachytes niger*: Pulawski, 1962:402 (new status). – As *Tachytes chudeaui niger*: R. Bohart and Menke, 1976:264 (new status, listed).

Tachytes senegalensis Berland, 1942:9, ♂. Holotype: ♂, Mali: Kayes (MNHN). – R. Bohart and Menke, 1976:266 (listed). Synonymized with *Tachytes xenoferus* by Pulawski, 2006:167.

Tachytes griseolus Arnold, 1951:149, ♂, ♀ (as *griseola*, incorrect original termination). Lectotype: ♂, Ghana: Labadi (BMNH), designated by Pulawski, 1975a:316. Synonymized with *Tachytes diversicornis* by Pulawski, 1975a:316. Paralectotype: Ethiopia: Ufdem.

Tachytes rufitibialis Arnold, 1951:150, ♂. Lectotype: ♂, Mali: Tillembeya (BMNH), designated by Pulawski, 1975a:316. Synonymized with *Tachytes diversicornis* by Pulawski, 1975a:316.

Tachytes sp. ?: de Beaumont, 1958b:60 (Algeria: Djanet). Synonymized with *Tachytets tassilicus* by Pulawski, 1962:401.

Tachytes tassilicus Pulawski, 1962b:401, ♂. Holotype: Algeria: Djanet (MNHN). Synonymized with *Tachytes xenoferus* by Pulawski, 2006:167. – R. Bohart and Menke, 1976:267 (listed); Guichard, 1994b:217 (Oman: Dhofar: Quara Hills). – As *Tachytes turcommanica* [sic]: Honoré, 1942:57 (Egypt), corrected to *Tachytes diversicornis* by Pulawski, 1962b:378 and 399.

Tachytes hengchunensis Tsuneki, 1967b:47, ♀, ♂. Holotype: ♀, Taiwan: Pingtung Prefecture: Hengchun (originally K. Tsuneki coll., now USNM). Synonymized with *Tachytes xenoferus* by Pulawski, 2006:167. – Haneda, 1971b:30 (Taiwan); Tsuneki, 1971h:8 (Taiwan); Haneda, 1972a:4 (Taiwan; as *fengchunensis*); Murota, 1973b:118 (Taiwan); R. Bohart and Menke, 1976:265 (listed); Tsuneki, 1977j:269 (Taiwan); Nuhn and Menke, 1994:25 (holotype transferred to USNM); Porter, Stange, and Wang, 1999:8 (in checklist of Sphecidae of Taiwan); Hua, 2006:283 (in list of Chinese insects, geographic distribution).

As *Tachytes Radoszkowskii*: Honoré, 1942:57 (Egypt), corrected to *Tachytes diversicornis* by Pulawski, 1962b:399.

294. *yerburyi* Bingham

Tachytes yerburyi Bingham, 1897:186, ♂. Holotype: ♂, Sri Lanka: no specific locality (BMNH). – R. Bohart and Menke, 1976:267 (listed).

295. *yunnanensis* T.Li, Cai, and Li

Tachytes yunnanensis T. Li, Cai, and Li, 2008:157, ♀. Holotype: ♀, China: Yunnan: Hekou County: Nanxi Town Southwest (YUNNAN AGRICULTURAL UNIVERSITY, KUNMING).– T. Li, Cai, and Li, 2008:154 (in key to *Tachytes* of China).

296. *zuliae* R. Bohart

Tachytes zuliae R. Bohart, 1979:502, ♂. Holotype: ♂, Venezuela: Zulia: Rosario (USNM). – Amarante, 1993:19 (ne. Brazil), 2002:38 (in catalog of Neotropical Crabronidae).

sp.

W. Fox, 1894c:1000005 (Mexico: Baja California); Bingham, 1909:180 (Ruwenzori); Poulton, 1918:xxxvii (Brazil, prey); Cheesman, 1929:151 (Panama: Taboga Island); Schouteden, 1930:92 (Zaire); Callan, 1954:... (= *Tachytes frateranus*); Bischoff, 1931:9 (Spain); Bischoff and von Schulthess, 1937:169 (Argentina); Giner Mari, 1945e:233 (Western Sahara); Callan, 1954:25 (= *Tachytes fraternus*); de Beaumont, 1958b:60 (= *Tachytes tassilicus*), 1961b:275 (Afghanistan), 1961e:4 (= *Tachytes illabefactus*); Tsuneki and Shimoyama, 1963:48 (Japan: Towada Prefecture); Myartseva 1965:77 (Turkmenistan); de Beaumont, 1967b:509 (Namibia, South Africa), 1970c:14 (sp. aff. *aeneus*; Iran: Khuzestan); Haneda, 1971b:30 (Taiwan); Myartseva, 1972b:107 (parasite: *Asiometopia ujugura* Rond.); Alayo Dalmau, 1973:177 (in catalog of Cuban Hymenoptera), 1976:22 (in checklist of Cuban Sphecidae); Al-Ali, 1977:100 (Iraq: Baghdad); Guichard, 1980:227 (Oman); Hilchie, 1982:107 (Alberta: Empress); Rodgers and Homewood, 1982:234 (Tanzania: Usambara Mountains); Sk. Yamane, 1983:85 (Indonesia: Krakatau Islands); Cornett, 1986:224 (California: Palm Springs; on flowers of *Washingtonia filifera* (Wendl)); Maes, 1989:100 (in catalog of Nicaraguan Sphecidae); Amarante, 1993:19 (ne. Brazil); Cambra, 1993:16 (Peru: Pakitza, 11°57'S, 71°17'W); Naumann, 1993:186 (Australia: Queensland: Heathlands area in Cape York), 1998:186 (Australia: northwest Queensland: Musselbrook area, approximately 18°40'S 138°23'E); Meagher and Mitchell, 1999:368 (collected in pheromone- and synthetic floral volatile-baited traps); Weissmann and Kondratieff, 1999:78 (Colorado: Great Sand Dunes National Monument); Ruíz Cancino, Coronado Blanco, and Horta Vega, 2005:170 (Mexico: recorded from Tamaulipas State).

NOMINA NUDA IN TACHYTES

Tachytes dubius Rohwer: J. Parker, 1921:103 (nesting habits).

Tachytes fargeaui Smith: A. Costa, 1864a:61 (one specimens from Adelaide, Australia, in Napoli Museum), as *Fargeaui*, incorrect original capitalization.

Tachytes obscurus Herrich-Schaeffer, 1840:296 (Germany: Bayern: Regensburg area), as *Obscura*, incorrect original capitalization and termination.

NOMINA NUDA IN LYROPS

Lyrops alternans: Casolari and Casolari Moreno, 1980:113 (specimen in M. Spinola collection, Torino); Pagliano, 2008:547 (specimens in M. Spinola collection, Torino, is a *Tachytes* sp.).

Lyrops andrenaeformis: Casolari and Casolari Moreno, 1980:112 (specimens in M. Spinola collection); Pagliano, 2008:545 (specimens in M. Spinola collection, Torino, are *Tachytes andreniformis* Cameron).

Lyrops byssina: Casolari and Casolari Moreno, 1980:112 (specimens in M. Spinola collection); Pagliano, 2008:546 (specimens in M. Spinola collection, Torino, are a *Tachysphex* sp.).

- Lyrops chrysis*: Casolari and Casolari Moreno, 1980:112 (specimen in M. Spinola collection); Pagliano, 2008:545 (specimen in M. Spinola collection, Torino, is a *Tachytes* sp.).
- Lyrops haemorrhous* Klug in Walth, 1835:88 (in list of Hymenoptera of Andalusia)
- Lyrops incana*: Casolari and Casolari Moreno, 1980:113 (specimens in M. Spinola collection); Pagliano, 2008:546 (specimen in M. Spinola collection, Torino, is a *Tachytes* sp.).
- Lyrops leucozona*: Casolari and Casolari Moreno, 1980:113 (specimens in M. Spinola collection); Pagliano, 2008:546 (specimens in M. Spinola collection, Torino, are *Tachysphex costae* and *julliani*).
- Lyrops leucozonus* Klug in Walth, 1835:88 (in list of Hymenoptera of Andalusia).
- Lyrops violaceipennis*: Casolari and Casolari Moreno, 1980:112 (specimen in M. Spinola collection); Pagliano, 2008:545 (specimen in M. Spinola collection, Torino, is a *Tachytes* sp.).

SPECIES DESCRIBED IN TACHYTES AND TRANSFERRED TO OTHER GENERA

- agilis* F. Smith, 1856 = *Tachysphex*
- albocinctus* Lucas, 1849 = *Tachysphex*
- atratus* Lepeletier de Saint Fargeau, 1845 = *Liris* or *Tachysphex*
- aurifrons* Cameron, 1900 = *Tachysphex panzeri* (Vander Linden, 1829)
- auropilosus* Rohwer, 1911 = *Liris aurulentus* (Fabricius)
- australis* de Saussure, 1854 = *Liris*
- australis* de Saussure, 1867 = *Tachysphex mackayensis* R. Turner, 1908
- bellus* Lepeletier, 1845 = *Liris*
- bicolor* Brullé, 1833 = *Tachysphex brullii* (F. Smith, 1856)
- capensis* de Saussure, 1867 = *Tachysphex*
- capitalis* Radoszkowski, 1881 = *Liris*
- ceylonicus* Cameron, 1900 = *Tachysphex panzeri* (Vander Linden, 1829)
- coriaceus* A. Costa, 1867 = *Tachysphex*
- depressus* de Saussure, 1867 = *Tachysphex nigerrimus* (F. Smith, 1856)
- dives* Lepeletier, 1845 = *Larra*
- dubius* Radoszkowski, 1886 = *Tachysphex fulvitaris* (A. Costa, 1867)
- erythrogaster* A. Costa, 1882 = *Tachysphex*
- erythropoda* Cameron, 1889 = *Parapiagetia*
- erythropus* Spinola, 1839 (*Lyrops*) = *Tachysphex*
- ferrugineipes* Lepeletier de Saint Fargeau, 1845 = *Liris*
- grandis* Chevrier, 1872 = *Larra anathema* (Rossi, 1790)
- femoratus* de Saussure, 1854 = *Larra*
- ferrugineipes* Lepeletier, 1845 = *Liris*
- fugax* Radoszkowski, 1877 = *Tachysphex*
- fulvitaris* A. Costa, 1867 = *Tachysphex*
- fulvopilosus* Cameron, 1904 = *Liris deplanatus* Kohl, 1884
- funebri* Radoszkowski, 1876 = *Liris memnonius* (F. Smith, 1856)
- geniculatus* Spinola, 1839 (*Lyrops*) = *Tachysphex*
- germabensis* Radoszkowski, 1893 = *Liris*
- helmsi* Cameron, 1888 = *Tachysphex nigerrimus* (F. Smith, 1856)
- hypoleius* F. Smith, 1856 = *Tachysphex*
- ibericus* de Saussure, 1867 = *Tachysphex nitidus ibericus* (de Saussure)
- illudens* Lepeletier de Saint Fargeau, 1845 = *Liris haemorrhoidalis* (Fabricius, 1804)
- incertus* Radoszkowski, 1877 = *Tachysphex*

iridipennis F. Smith, 1856 = *Tachysphex*
kizilkumi Radoszkowski, 1877 = *Prosopigastra*
lativalvis Thomson, 1870 = *Tachysphex obscuripennis* (Schenck, 1857)
maracandicus Radoszkowski, 1877 = *Tachysphex erythropus* (Spinola, 1839)
micans Radoszkowski, 1877 = *Tachysphex*
minimus W. Fox, 1892 = *Tachysphex belfragei* (Cresson, 1872)
montanus Radoszkowski, 1886 = *Tachysphex brullii* (F. Smith, 1856)
morosus F. Smith, 1858 = *Tachysphex*
murinus Dahlbom, 1843 = *Liris argentatus*
nigritus Lepeletier de Saint Fargeau, 1845 = *Liris atratus* (Spinola, 1805)
obscuripennis Schenck, 1857 = *Tachysphex*
opulentus Lepeletier, 1845 = *Liris aurulentus* (Fabricius)
paganus Dahlbom, 1843 = *Larra*
palopterus Dahlbom, 1845 = *Tachysphex*
peruanus Brèthes, 1924 = *Liris*
plicosus A. Costa, 1867 = *Tachysphex*
pluto F. Smith, 1856 = *Liris*
pullulus Strand, 1910 = *Tachysphex ruficaudis* (Taschenberg, 1870)
purpureipennis Matsumura and Uchida, 1926 = *Liris aurulentus* (Fabricius)
sericops F. Smith, 1856 = *Tachysphex nigerrimus* (F. Smith, 1856)
ruficrus Dufour, 1854 = *Tachysphex albocinctus* (Lucas, 1849)
rufiventris Spinola, 1839 (*Lyraps*) = *Tachysphex panzeri* (Vander Linden, 1829)
sepulchralis Gerstaecker, 1858 = *Liris*
sordidus Dahlbom, 1845 = *Tachysphex*
spoliatus Giraud, 1863 = *Tachysphex brullii* F. Smith, 1856
strigosus Mocsáry, 1879 = *Tachysphex fulvitaris* (A. Costa, 1867)
tarsinus Lepeletier de Saint Fargeau, 1845 = *Tachysphex*
tessellatus Dahlbom, 1845 = *Tachysphex*
trivittatus W.F. Kirby, 1900 = *Liris*
undatus F. Smith, 1856 = *Tachysphex*

UNRECOGNIZABLE MISDETERMINATIONS IN TACHYTES

Tachytes atrox F. Smith: Radoszkowski, 1881:211 (Angola). Radoszkowski examined a larrine, whereas F. Smith's species is a *Stizus*.

Tachytes obscura V.: Radoszkowski, 1881:211 (Angola).

Lyraps rufipes Spinola: Ghiliani, 1842:25 (listed from Italy: Sicilia); Palma, 1867:38 (Italy: Sicilia settentrionale).