

Last updated: 30 May, 2025

STIZUS

Stizus Latreille, 1802b:344. Type species: "*Stizus ruficornis*" Fabricius [= *Bembix ruficornis* Fabricius, 1787 (junior secondary homonym of *Vespa ruficornis* J. Forster, 1771) = *Vespa ruficornis* J. Forster, 1771, designated by Blanchard, 1846:pl.121.

Larra Fabricius sensu Klug, 1845:pl. 46 and text (in part). R. Bohart and Menke (1976:53) commented as follows: *Larra* Fabricius contained unrelated species of sphecids as well as a scoliid and a tiphid. Latreille (1802b) recognized the conglomerate nature of the genus and restricted *Larra* to wasps now placed in the Larrinae. He established the new genus *Stizus* for the remaining sphecids of Fabricius' *Larra*. Klug and F. Smith both restricted *Larra* to species assigned by other authors to Latreille's *Stizus*. F. Smith (1856:273-274, 337) went so far as to designate a type species for *Larra*, although his designation was antedated by that of Latreille, 1810 and others. Species placed in *Larra* by Klug and F. Smith are now assigned to *Stizus*, *Stizoides*, and *Bembecinus*.

Larra Fabricius sensu F. Smith, 1856:337 (in part).

Megastizus Patton, 1879c:344. Type species: *Stizus brevipennis* Walsh, 1869, by original designation.

Stizolarra de Saussure, 1887:9. Type species: *Sphex vespiiformis* Fabricius, 1775, designated by Pate 1937c:62.

Megalostizus W. Schulz, 1906:199. Emendation of *Megastizus* Patton, 1879.

Revision: Stubblefield, 1984 (North America); Guichard, 1989b (Saudi Arabia); Nemkov, 2012a (Russia and neighboring countries).

List of Strepsiptera known from *Stizus*: Kifune and Yamane, 1985:51.

Review of biology: Kazenas, 2001b:229.

Skeletal parts of sting apparatus: Gadallah, 2001:255.

1. *adelphus* W.F. Kirby

Stizus adelphus W.F. Kirby, 1900:17, ♀. Holotype: ♀, Yemen: Island of Socotra: Hadibu Plain (BMNH). – W.F. Kirby, 1903:244 (Island of Socotra, redescription); Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Gadallah, 2020b:31 (in list of aculeate wasps of Arabian Peninsula).

2. *aegyptius* Lepeletier de Saint Fargeau

Stizus aegyptius Lepeletier de Saint Fargeau, 1845:300, ♀, ♂. Syntypes: Egypt: no specific locality (M. Spinola collection, Torino). – Handlirsch, 1892:167 (original description translated into German), 1895:993 (in revision of World Bembicini); Dalla Torre, 1897:519 (in catalog of world Sphecidae); Storey, 1916:108 (Egypt: Heliopolis, Maadi); Mochi, 1939b:203 (in revision of Egyptian *Stizus*); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Roche and Zalata, 1994:116 (Egypt: Sinai Peninsula); Roche, 2007a:117 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Pagliano, 2011a:129 (specimens in M. Spinola collection, Torino, are *Stizus aegyptius* Lepeletier de Saint Fargeau); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae). – **As *Larra aegyptia***: F. Smith, 1856:338 (new generic assignment, in catalog of Hymenoptera in British Museum).

Larra dichroa Klug, 1845:[23], pl.46, fig. 9, ♂. Holotype or syntypes: ♂, Egypt: Saqqara (ZMHU). Synonymized with *Stizus aegyptius* by Handlirsch, 1892:167. – F. Smith, 1856:342 (in catalog of Hymenoptera in British Museum); D. Baker, 1997b:186 (in catalog of insects described by Klug, 1845). – **As *Stizus dichrous***: Handlirsch, 1892:168 (new generic assignment, original description copied). Not listed by Bohart and Menke, 1976.

3. *aestivalis* Mercet

Stizus aestivalis Mercet, 1906a:147, ♀, ♂. Syntypes: Spain: Madrid: Madrid; Avila: Navalperal (IEE). – Mercet, 1906a:154, 158 (in key to Spanish *Stizus*); Dusmet y Alonso, 1935:49 (Spain: Madrid: Montarco and Vaciamadrid), 61 (Spain: Madrid: Somosierra); Giner Marí, 1943a:190 (in Sphecidae Fauna of Spain); Lohrmann, 1943:193 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); Ceballos, 1956:388 (in catalog of Sphecidae of Spain); Diniz, 1973:46 (Portugal: Vila Real de Santo António); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Gayubo, Tormos, and Asís, 1994:205 (Spain: Almería Province; prey: adult acridids); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:259 (in Sphecidae Fauna of Western Europe); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: recent record from Spain reported, the author actually refers to *Stizus* sp. aff. *aestivalis*); Vieira, Oliveira, Brewster, and Gayubo, 2013:16 (Portugal: Douro International Natural Park); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:305 (in Sphecidae Fauna of Europe); Cross, Baldock, and Wood, 2021:30 (in catalog of Sphecidae *sensu lato* of Portugal).

ssp. merceti de Beaumont

Stizus aestivalis merceti de Beaumont, 1951e:282, ♀, ♂. Holotype: ♀, Morocco: Marrakech (Lausanne). – R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

4. *anchoratus* Mantero

Stizus anchoratus Mantero, 1917:371, ♀. Holotype: ♀, Eritrea: Puteis Adarte (MSNG). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Madl, 2023:247 (in catalog of Crabronidae of Eritrea).

5. *annulatus* (Klug)

Larra annulata Klug, 1845:[22], pl. 46 fig. 7, ♂. Holotype or syntypes: ♂, Syria: no specific locality (ZMHU). – F. Smith, 1856:338 (in catalog of Hymenoptera in British Museum); Walker, 1871:26 (Djibouti: Tajura; Africa: Red Sea coast: Harkeko); D. Baker, 1997b:186 (in catalog of insects described by Klug, 1945). – *As Stizus annulatus*: Radoszkowski, 1871:198 (new generic assignment; Iran: Astrabad, now Gorgan, redescription of ♂); F. Morawitz, 1894:360 (Turkmenistan: Repetek); Handlirsch, 1895:999 (study of type material); Dalla Torre, 1897:520 (in catalog of world Sphecidae); Handlirsch, 1898b:489 (Egypt: Cairo); Gussakovskij, 1933b:292 (Iran); de Beaumont, 1957b:135 (northern Iran), 1960a:10 (Greece: Island of Rhodes); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River), 1965:88 (Turkmenistan: Akibay), 1966:48 (preying on orthopterans); de Beaumont, 1967a:300 (Turkey); Myartseva, 1972a:88 (Turkmenistan); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 1978b:81, 83 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:206 (in key to Sphecidae of European part of USSR); Kazenas, 1992c:28 (Turkmenistan: Repetek Nature Reserve); Roche and Zalat, 1994:116 (Egypt: Sinai Peninsula); Nazarova and Shomirsaidov, 1997:24 (Tajikistan: fruit tree orchards in Vakhsh River valley); Nazarova, 1998:41 (Tajikistan: Tigrovaya Balka Nature Reserve); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:259 (in Sphecidae Fauna of Western Europe); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:126 (geographic distribution, collecting localities in Kazakhstan), 2004b:110 (Kazakhstan: western Tien Shan), 2004d:34 (Kazakhstan: Ryn-Peski); Yildirim and Ljubomirov, 2005:1793 (Turkey: Kars: Kağızman and Sarıkamış); Roche, 2007a:123 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Ljubomirov and Yildirim, 2008:110 (in catalog of Crabronidae of Turkey); Murai and Amr, 2011:120 (recorded from Syria by Gadallah, 2001); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 57 (geographic distribution, justification of new synonymy); Yildirim, 2012:77 (Turkey: Iğdır: Tuzluca; Konya: Güney Sınır: Gurağaç); Kazenas, 2013a:115 (color photograph of adult wasp, short information on geographic distribution and nesting habits), 2013b:498 (southeastern Kazakhstan: Borandysu 30 km east of Chilik, 10 km north-west of Chundzha on Sharyn River, 30 km south of Koktal on Ili River); Yildirim, Ljubomirov, and Lelej, 2014:7

- (distribution in Turkey by biogeographic provinces); Atbaei, Fallahzadeh, and Ljubomirov, 2015:24 (Iran: Fars Province); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:41 (Iran: known from Fars, Golestan, Semnan, and South Khorasan provinces); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); 2017b:225 (in catalog of Bembicinae of Russia); Mokrousov, Proshchalykin, Aliyev, and Maharramov, 2019:17 (Azerbaijan: Nakhichevan Autonomous Republic); Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey), 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).
- Larra subapicalis* Walker, 1871:25, ♀. Syntypes: ♀, Egypt: Sinai Peninsula: Wadi Feiran (destroyed). Synonymized with *Stizus annulatus* by R. Turner, 1912b:342. – Handlirsch, 1892:173 (original description translated into German); Dalla Torre, 1897:531 (in catalog of world Sphecidae); Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Wadi Feiran, Sinai Peninsula).
- Stizus eversmanni* Radoszkowski, 1877:37, ♀, ♂ (as *Eversmanni*, incorrect original capitalization). Syntypes: Kazakhstan: Kizil-Kum: no specific locality (ZMMU). Synonymized with *Stizus annulatus* by Handlirsch, 1892:162.
- Stizus kizilkumii* Radoszkowski, 1877:37, ♀, ♂ (as *Kizilkumii*, incorrect original capitalization). Syntypes: Kazakhstan: Kizil-Kum: no specific locality (ZMMU). Synonymized with *Stizus annulatus* by Handlirsch, 1892:162. – Myartseva, 1963b:60 (Turkmenistan: lower Murgab River, as *kisilkumi*), 1965:89 (Turkmenistan: Akibay, as *kisilkumi*).
- Stizus picticornis* F. Morawitz, 1891a:219, ♀, ♂. Syntypes: European Kazakhstan: Ryn-Peski: Kirgizskaya (ZIL). Synonymized with *Stizus annulatus* by Handlirsch, 1892:162. – Dalla Torre, 1897:528 (in catalog of world Sphecidae); Kazenas, 1972b:145 (Kazakhstan).
- Stizus pygidialis* Handlirsch, 1892:116, ♀. Holotype: ♀, Greece: Island of Rhodes: no specific locality (NHMW). Synonymized with *Stizus annulatus* by de Beaumont, 1960a:10. – Dalla Torre, 1897:529 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).
- Stizus gracilipes* Handlirsch, 1892:131, ♂. Holotype: ♂, Armenia or Azerbaijan: Arax valley: no specific locality (NHMW). Synonymized with *Stizus annulatus* by Nemkov, 2012a:57. – Dalla Torre, 1897:525 (in catalog of world Sphecidae); von Schulthess, 1926b:217 (Algeria: Biskra); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).
- Stizus hebraeus* Balthasar, 1954b:275, ♀. Holotype: ♀, Palestine: Wadi el Kelt near Jericho (originally V. Balthasar coll., now NMPC). Synonymized with *Stizus annulatus* by de Beaumont, 1960a:10. – de Beaumont and Bytinski-Salz, 1955:52 (Israel, description of ♂); Bohart and Menke, 1976:526 (in checklist of world Sphecidae).
- Stizus gobiensis* Tsuneki, 1971k:206, ♀. Holotype: Mongolia: Gobi Altai Aymag: between Azh-Bodg-ul and Tahiyin-Shar-nuuru (TMB). Synonymized with *Stizus annulatus* by Nemkov, 2012a:57. – Bohart and Menke, 1976:526 (in checklist of world Sphecidae).
- As *Stizus hyalipennis*: Mochi, 1939b:208 (in revision of Egyptian species), corrected to *Stizus annulatus* by de Beaumont, 1950d:11.

6. *apicalis* Guérin-Ménéville

- Stizus apicalis* Guérin-Ménéville, 1844:439, ♀. Holotype or syntypes: ♀, Senegal: no specific locality (MSNG). – Magretti, 1884c:593 (Eritrea); Handlirsch, 1892:168 (original description translated into German); Dalla Torre, 1897:520 (in catalog of world Sphecidae); Storey, 1916:108 (Egypt: Sidi Salem, as *apicalis* Klug); Arnold, 1929a:312 (original description translated into English), 1930:20 (in checklist of Afrotropical Sphecidae); Scott in Arnold, 1933a:371 (Ethiopia); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Seyoum and Pulawski, 2001:322 (potential control agent of acridid pests in Ethiopia); Madl, 2023:247 (in catalog of Crabronidae of Eritrea). – As *Larra apicalis*: F. Smith, 1856:339 (new generic assignment, description of ♂, in catalog of Hy-

menoptera in British Museum). – **As *Stizoides apicalis***: Guiglia, 1948b:180 (new generic assignment, type in Genova).

7. *arabicus* Guichard

Stizus arabicus Guichard, 1989b:158, ♀, ♂. Holotype: ♂, Oman: Qurum near Muscat (BMNH). Paratypes: United Arab Emirates. – Schmid-Egger, 2011b:589 (United Arab Emirates: Al-Ajban, Dubai/al-Awir); Schmid-Egger, 2014:609 (United Arab Emirates: Ra's al-Khaimah); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:31 (in list of aculeate wasps of Arabian Peninsula).

8. *arnoldi* Mochi

Stizus arnoldi Mochi, 1939b:203, ♀ (as *Arnoldi*, incorrect original capitalization). Syntypes: ♀, Egypt: no specific locality (originally A. Mochi coll., now USNM). – de Beaumont, 1947b:387, 389 (species recorded from Biskra as *Stizus tricolor* by Morice, 1911, may be *Stizus arnoldi*); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Roche, 2007a:117 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae).

9. *atrox* (F. Smith)

Larra atrox F. Smith, 1856:339, ♀. Holotype or syntypes: ♀, South Africa: no specific locality (BMNH). – **As *Stizus atrox***: Handlirsch, 1892:153 (new generic assignment, original description translated into German), 1895:995 (re-description); Dalla Torre, 1897:520 (in catalog of world Sphecidae); R. Turner, 1912b:345 (geographic variation); Arnold, 1929a:306 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); Evans, 1966d:126 (discussing behavioral data of Brauns, 1911); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); S. Gess and F. Gess, 2003:118 (South Africa: visiting flowers of *Asclepias buchenaviana* Schinz, Apocynaceae).

Larra flavomaculata F. Smith, 1856:404, ♂ (as *flavo-maculata*, incorrect original hyphenation). Holotype or syntypes: ♂, South Africa: Eastern Cape Province: Burgersdorp (BMNH). Synonymized with *Stizus atrox* by Arnold, 1923b:306. – **As *Stizus flavomaculatus***: Handlirsch, 1892:180 (new generic assignment, original description translated into German); Dalla Torre, 1897:524 (in catalog of world Sphecidae, as *flavimaculatus*); W. Schulz, 1906:212 (not listed by Dalla Torre under *Larra*); R. Turner, 1912b:345 (variation in color markings).

Stizus pentheres Handlirsch, 1895:995, ♂. Holotype: ♂, South Africa: Cape Province (Eastern or Western?): no specific locality (ZMHU). Synonymized with *Stizus flavomaculatus* by R. Turner, 1912b:345. – Dalla Torre, 1897:528 (in catalog of world Sphecidae); Brauns, 1911a:91 (nesting habits).

10. *aurifluus* R. Turner

Stizus aurifluus R. Turner, 1916d:442, ♀. Holotype or syntypes: ♀, Ghana: Yapi (BMNH). – Arnold, 1929a:302 (original description copied), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

11. *aztecus* Stubblefield

Stizus aztecus Stubblefield, 1984:415, ♂, ♀. Holotype: ♂, Arizona: Cochise County: Bisbee (UCD).

12. *basalis* Guérin-Ménéville

NOTE: Placement of this species in *Stizus* was confirmed by M. Ohl who examined the types (pers. comm.).

Stizus basalis Guérin-Ménéville, 1844:438, ♀. Syntypes: ♀, Senegal: no specific locality (MSNG). – Handlirsch, 1892:148 (in revision of world Bembicinae), 1895:994 (Senegal, Egypt); Dalla Torre, 1897:520 (in catalog of world Sphecidae); Arnold, 1929a:306 (Handlirsch's description translated into English), 1930:20 (in checklist of Afrotropical Sphecidae), 1951:131 (Mali: Tillembeya, now Diafarabé); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Roche, 2007a:123 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae),

2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae). – **As *Larra basalis***: F. Smith, 1856:339 (new generic assignment, in catalog of Hymenoptera in British Museum). – **As *Stizoides basalis***: Guiglia, 1948b:180 (new generic assignment, syntypes in Genova Museum).

Larra infuscata Klug, 1845:[24], pl. 46, fig. 12, ♂. Syntypes: ♂, Sudan: Ambukohl on Nile west of Korti (ZMHU). Synonymized with *Stizus basalis* by Handlirsch, 1892:148. – F. Smith, 1856:345 (in catalog of Hymenoptera in British Museum); Taschenberg, 1875:361 (Egypt); Handlirsch, 1895:994 (type examined); D. Baker, 1997b:186 (in catalog of insects described by Klug, 1845).

13. *baumanni* Handlirsch

Stizus baumanni Handlirsch, 1901:508, ♂ (as *Baumanni*, incorrect original capitalization). Holotype: ♀: Tanzania: Dar es Salam (NHMW). – R. Turner, 1912b:341 (faunal records; morphological characteristics); Arnold, 1929a:311 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); Scott in Arnold, 1933a:371 (Ethiopia: Harar District); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Dollfuss, 1989:12 (type series in NHMW); Seyoum and Pulawski, 2001:322 (potential control agent of acridid pests in Ethiopia).

14. *beccarii* Mantero

Stizus beccarii Mantero, 1917:369, ♀, ♂ (as *Beccarii*, incorrect original capitalization). Syntypes: Eritrea: Keren and Puteis Hagat (MSNG). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Madl, 2023:247 (in catalog of Crabronidae of Eritrea).

15. *bensoni* Arnold

Stizus bensoni Arnold, 1951:131, ♂. Holotype: ♂, Mali: Koundé-Saré (BMNH). – R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

16. *berlandi* Arnold

Stizus berlandi Arnold, 1945:76, ♀, ♂ (as *Berlandi*, incorrect original capitalization). Syntypes: Madagascar: Bekily, Ranomafana (MNHN). – R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Hancock, Chahwanda, and Mhlanga, 1995:39 (syntype in Bulawayo Museum); Pulawski, 2003b:796 (in checklist of Malagasy Sphecidae); Madl, 2014a:949 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records).

17. *biclipeatus* (Christ)

Tiphia ruficornis Fabricius, 1787:279, sex not stated, junior secondary homonym of *Stizus ruficornis* (J. Forster, 1771). Holotype or syntypes: sex unknown, India: Tamil Nadu: Tranquebar (depository unknown: van der Vecht, 1961a:49). – Fabricius, 1793:226 (redescription), 1796:19 (in Index to his Entomologia Systematica, 1793).

Vespa biclipeata Christ, 1791:223, sex not stated (as *Biclipeata*, incorrect original capitalization). Holotype or syntypes: origin unknown (destroyed). Synonymized with *Tiphia ruficornis* by Handlirsch, 1892:137. – **As *Stizus biclipeatus***: Handlirsch, 1892:137 (new generic assignment, in revision of world Bembicinae), 1895:994 (additional bibliography); Bingham, 1897:279 (redescription); Dalla Torre, 1897:520 (in catalog of world Sphecidae, as *biclypeatus*); van der Vecht, 1961a:49 (nomenclatural history, redescription), Begum and Bose, 1976:26 (Bangladesh: Dakka); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Roche and Zalut, 1994:116 (Egypt: Sinai Peninsula); Begum, Khan, and Bose, 1995:176 (Bangladesh: Dhaka University Campus); van Vondel, 1995:30 (specimens from India in Natuurmuseum Rotterdam, as *biclypeatus*); Roche, 2007a:141 (Walker, 1871 record from Sinai, as *nubilipennis*, is questionable).

Larra cingulata Fabricius, 1798:253, sex not stated. Holotype or syntypes: sex not stated, India: no specific locality (ZMUC). Synonymized with *Tiphia ruficornis* (mistakenly called *ferruginea*) by Fabricius, 1804:221 and with *Stizus biclipeatus* by Handlirsch, 1892:137. – Fabricius, 1799:29 (in Index to his Supplementum, 1798); van der

Vecht, 1961a:49 (study of type material). – *As Stizus cingulata*: Jurine, 1807:178 (new generic assignment, in list of *Stizus*); Pagliano, 2011a:127 (specimens in M. Spinola collection, Torino are ? *Stizus biclipeatus*).

Larra nubilipennis F. Smith, 1856:347, ♀. Holotype or syntypes: ♀, India: no specific locality (BMNH). Synonymized with *Stizus biclipeatus* by Handlirsch, 1892:137. – F. Smith, 1871a:367 (in catalog of Oriental Aculeata); Walker, 1871:25 (Sinai: Wadi Hebran); Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Wadi Habron [sic]). – *As Stizus nubilipennis*: Cameron, 1890b:244 (new generic assignment, in catalog of Oriental Stizini).

As Stizus cingulatus: Pagliano, 2011a:128 (specimens of *Stizus cingulatus* in M. Spinola collection, Torino, are *Stizus biclipeatus*).

18. *bipunctatus* (F. Smith)

Larra bipunctata F. Smith, 1856:340, ♀, ♂. Syntypes: Albania: Yanina, now Greece: Epirus: Ioannina (BMNH). – *As Stizus bipunctatus*: Handlirsch, 1892:155 (new generic assignment, in revision of world Bembicinae); Dalla Torre, 1897:520 (in catalog of world Sphecidae); Fahringer, 1922:179 (Turkey); Coulon, 1925:118 (Turkey: Istanbul); de Beaumont, 1960a:10 (Greece: Island of Rhodes), 1965a:25 (citation of F. Smith, 1856), 1967a:300 (Turkey); Balthasar, 1972:362 (in Sphecidae Fauna of Czechoslovakia: not yet found in country); Scobiola-Palade, 1985:95 (Romania: delta of Danube); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 1978b:81, 82 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:206 (in key to Sphecidae of European part of USSR); Ljubomirov, 2000:13 (Bulgaria: specimens in N. Nedelkov collection); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:126 (geographic distribution, collecting localities in Kazakhstan); Gorobchishin and Protsenko, 2004:40 (first record from Ukraine: Kherson Oblast': Chernomorskiy Nature Reserve); Kazenas, 2004b:110 (Kazakhstan: western Tien Shan); Shkuratov, 2004a:75 (Russia: Rostov Oblast'); Jacobs, 2005a:450 (Bulgaria: Ivanski near Shumen); Shorenko, 2005a:168 (Ukraine: Crimea), 2005b:98 (Ukraine: Crimea: Karadagh Nature Reserve); Ljubomirov and Yildirim, 2008:111 (in catalog of Crabronidae of Turkey); Shorenko, 2009:368 (in list of Sphecidae *sensu lato* of Crimea); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: recent findings in Afghanistan, Bulgaria, Greece, Romania, and Ukraine reported); Shorenko and Konovalov, 2010:16 (Ukraine: Crimea: Kerch); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 57 (geographic distribution, justification of new synonymy); Dunford, Turbyville, and Leavengood, 2014:10 (listed as medically important in Afghanistan); Protsenko, Fateryga, and Ivanov, 2014:32 (Crimea: several localities); Yildirim, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Ivanov, Fateryga, and Filatov, 2015:300 (Crimea: Karadagh Nature Reserve, a protected species); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Protsenko and Gorobchishin, 2015:24 (in Red Book of Ukraine; map of locality records in Ukraine); Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:18 (Turkey: Konya: Güneysınır: Gurağaç); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae), 2017b:225 (in catalog of Bembicinae of Russia); Shorenko, 2017:80 (in Crimea collected in June through August), 2018:130 (Crimea, including localities, habitats, and number of specimens); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:305 (in Sphecidae Fauna of Europe); Shorenko, 2020:51 (Crimea: Karadag Nature Reserve); Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey), 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey) Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

Stizus eugeniae Gussakovskij, 1935:438, ♀, ♂. Syntypes: Tajikistan: G Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey)ushary; Uzbekistan: Aman-Kutan (ZIN). Synonymized with *Stizus bipunctatus* by Nemkov, 2012a:57. – Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia).

19. *bizonatus* Spinola

Stizus bizonatus Spinola, 1839:475, ♀, ♂. Lectotype: ♀, Egypt: no specific locality (Torino), designated by de Beaumont, 1952e:46. – Lepeletier de Saint Fargeau, 1845:302 (in revision of world Hymenoptera, as *bigonatus*); A. Costa, 1864a:61 (one specimen from Egypt in Museo Zoologico di Napoli); Handlirsch, 1892:148 (in revision of world Bembicinae); Dalla Torre, 1897:521 (in catalog of world Sphecidae); Storey, 1916:108 (Egypt: Abu Qir, Cairo, Qaliub, Suez); Morice, 1921:823 (Iraq: Amara); Mochi, 1939b:201 (in revision of Egyptian *Stizus*); Derwesh, 1965:71 (Iraq: no specific locality); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Roche, 1981:4 (in checklist of Sphecidae of United Arab Emirates); Guichard, 1989b:156 (Saudi Arabia, United Arab Emirates; prey); Gadallah, 2001:255-265 (skeletal parts of sting apparatus); Seyoum and Pulawski, 2001:322 (potential control agent of acridid pests in Ethiopia); Gadallah and Assery, 2004a:227 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:117 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae, redescription), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Murai and Amr, 2011:111, 120 (first record from Syria: Al Thawrah Nature Reserve at 35°51'N 28°38'E); Pagliano, 2011a:132 (lectotype and paralectotypes in M. Spinola collection, Torino); Sakenin, Samin, Bagriacik and Rastegar, 2011:3 (Iran: Khuzestan: Andimeshk); Schmid-Egger, 2011b:590 (United Arab Emirates: Dubai/al-Awir); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 57 (geographic distribution); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:349 (in new catalog of Sphecidae of Saudi Arabia); Ebrahimi, 2014:34 (Iran: Tehrān: Varāmin: Abardezh); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from Khuzestan and Tehran provinces); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae), Gadallah, 2020b:31 (in list of aculeate wasps of Arabian Peninsula); Madl, 2023:247 (in catalog of Crabronidae of Eritrea); Gadallah and Abu El-Ghiet, 2024:80 (Saudi Arabia: Jazan Province: Abu Arish); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution). – **As *Larra bizonata***: Klug, 1845:[24] (new generic assignment, Egypt, redescription); F. Smith, 1856:340 (in catalog of Hymenoptera in British Museum); Walker, 1871:25 (Africa: Red Sea coast: Akeek, Harkeko); Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Harkeko). – **As *Stizolarra bizonata***: de Saussure, 1887:9 (new generic assignment).

Larra sphegiformis Klug, 1845:pl. 46, fig. 10, ♀. Holotype: ♀, Middle East: no specific locality (ZMHU). Synonymized with *Stizus bizonatus* by Handlirsch, 1892:149. – Handlirsch, 1895:994 (study of type).

Larra erythrocephala Taschenberg, 1880:780, ♀, ♂, junior primary homonym of *Larra erythrocephala* Fabricius, 1793. Syntypes: Ethiopia: no specific locality (Halle). Synonymized with *Stizus bizonatus* by Handlirsch, 1892:149. – **As *Stizus erythrocephalus***: R. Bohart and Menke, 1976:526 (new generic assignment, in checklist of world Sphecidae, "possibly not a *Stizus*"); Casolari and Casolari Moreno, 1980:115 and 116 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:128 (specimens in M. Spinola collection, Torino).

spp. transcaspicus Radoszkowski

Stizus transcaspicus Radoszkowski, 1893a:62, ♂. Holotype or syntypes: ♂, Transcaspia, probably Turkmenistan: no specific locality (Kraków), but Serax according to Handlirsch, 1895:995. – Handlirsch, 1895:994 (redescription); Dalla Torre, 1897:532 (in catalog of world Sphecidae); Pérez, 1907:486 (Bahrain), 495 (redescription); Gussakovskij, 1933b:292 (Iran), 1952:270 (Transcaspia; prey: *Oxya fuscovittata* Marsh, a grasshopper); de Beaumont, 1962c:222 (Arabia: Riyadh); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River), 1965:90 (Turkmenistan: Akibay and Murgab district), 1966:48 (preying on orthopterans), 49 (Turkmenistan: lower course of Murgab and Tedjen rivers; preying on larvae of *Calliptamus italicus italicus* (L.), Acrididae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Myartseva, 1972a:89 (Turkmenistan), 1972b:106 (nest parasite: *Senotainia pygmaea* Rond., Sarcophagidae), 1976:72 (nesting habits); Nazarova and Shomirsaidov, 1997:24 (Tajikistan: fruit tree orchards in Vakhsh River valley); Nazarova, 1998:41 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas,

2001b:49 (in checklist of Sphecidae of Kazakhstan and Central Asia), 231 (review of known biology); Nazarova, 2005:94 (alfalfa fields in southwestern Tajikistan). – **As *Stizus bizonatus transcaspicus***: de Beaumont, 1961e:3 (Iraq, new status).

20. *brevipennis* Walsh

Stizus brevipennis Walsh, 1869:162, ♂. Holotype: ♂, USA: Illinois: near Rock Island (destroyed, see Stubblefield, 1984:410). – Snow, 1881:96 (in checklist of Hymenoptera of Kansas: Douglas County: no specific locality); Handlirsch, 1892:174 (in revision of world Bembicinae); W. Fox, 1895b:268 (bibliographic references, Texas and Illinois); Dalla Torre, 1897:521 (in catalog of world Sphecidae); Johnson and Rohwer, 1908:374 (Colorado: Fort Lupton); F. Williams, 1914:198 (prey: *Xiphidium* sp., a tettigoniid); Mickel, 1918b:435 (in catalog of Nebraskan Sphecidae); Snodgrass, 1941:pl. 19, fig. A-G (male genitalia); Dow, 1942:176, (diagnostic characters, locality records), 180 and 181 (in key to North American *Stizus*); Krombein in Muesebeck, Krombein, and Townes, 1951:993 (in catalog of North American Hymenoptera); Chandler, 1966:142 (in revision of Bembicini and Stizini of Indiana); Evans, 1966d:125 (floral records); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Krombein, 1979b:1702 (in catalog of North American Hymenoptera); Stubblefield, 1984:408 (in revision of North American *Stizus*); Ahlstrom, 1995:112 (in checklist of insects of North Carolina). – **As *Megastizus brevipennis***: Patton, 1879c:345 (new generic assignment, description of ♀); Taschenberg, 1880:779 (synonymy with *Larra brendeli* recorded); Cresson, 1887:278 (in catalog of North American Hymenoptera); Ashmead, 1890:33 (in checklist of Hymenoptera of Colorado); C. Robertson, 1892:108 (visiting flowers of *Pycnanthemum lanceolatum* Pursh. and *P. linifolium* Pursh., Lamiaceae), 1894:458 (visiting flowers of *Solidago lanceolata* Linnaeus, Asteraceae); Ashmead, 1899d:347 (in checklist of North American Crabronidae); Bridwell, 1899:209 (Kansas: no specific locality); Viereck, 1903d:120 (Maryland: College Park); Brimley, 1938:448 (North Carolina: Goldsboro). *Larra brendeli* Taschenberg, 1875:361, ♂ (as *Brendeli*, incorrect original capitalization). Holotype or syntypes: ♂, USA: Illinois: no specific locality (Halle). Synonymized with *Stizus brevipennis* by Patton, 1879c:345. – Taschenberg, 1880:779 (synonymy recorded).

21. *breyeri* Arnold

Stizus breyeri Arnold, 1936:18, ♂ (as *Breyeri*, incorrect original capitalization). Syntypes: ♂, South Africa: Transvaal: Namutoni (TMP) [country in error: Namutoni is in Namibia]. – Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

22. *chrysorrhoeus* Handlirsch

Stizus chrysorrhoeus Handlirsch, 1892:122, ♂, ♀. Lectotypes [sic]: ♀, ♂, South Africa: Eastern Cape Province: Kowie (NHMW), designated by Arnold, 1936:18. – Dalla Torre, 1897:521 (in catalog of world Sphecidae); Brauns, 1911a:91 (nesting habits); Arnold, 1929a:299 (original description translated into English, in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae), 1936:18 (additional description); Evans, 1966d:126 (discussing behavioral data of Brauns, 1911); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Whitehead, 1980:14 (nesting habits); Dollfuss, 1989:12 (lectotype in NHMW); S. Gess and F. Gess, 2003:118 (South Africa: visiting flowers of *Foeniculum vulgare* Mill. and *Deverra denudata* (Viv.) Pfisterer and Podl., Apiaceae, and *Asclepias buchenaviana* Schinz., Apocynaceae).

23. *cinctus* (Fabricius)

Larra cincta Fabricius, 1793:221, sex not stated. Holotype or syntypes: origin unknown (BMNH, Banks coll., now lost: van der Vecht, 1961a:53). – Fabricius, 1796:89 (in Index to his Entomologia Systematica, 1793). – **As *Stizus cinctus***: Lepeletier de Saint Fargeau 1828:496 (new generic assignment); Handlirsch, 1892:154 (original description copied); Dalla Torre, 1897:522 (in catalog of world Sphecidae); van der Vecht, 1961a:53 (type presumably lost, species tentatively assigned to *Stizus*). Not listed by Bohart and Menke, 1976.

24. *coloratus* Nurse

Stizus coloratus Nurse, 1903a:522, ♀, ♂. Syntypes: India: Rajasthan: Mount Abu (BMNH). – Ramakrishna Aiyar, 1916:557 (in catalog of Indian aculeates described after Bingham, 1897); Lohrmann, 1943:193 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

25. *combustus* (F. Smith)

Larra fuliginosa Klug, 1845:[24], pl. 46, fig. 11, ♂, junior primary homonym of *Larra fuliginosa* Dahlbom, 1843. Holotype or syntypes: ♂, Egypt: Syene, now Aswan (ZMHU). – F. Smith, 1856:344 (in catalog of Hymenoptera in British Museum); Taschenberg, 1875:361 (Sudan: Khartoum); D. Baker, 1997b:186 (in catalog of insects described by Klug, 1945). – **As *Stizus fuliginosus***: Handlirsch, 1892:166 (new generic assignment, in revision of world Bembicinae), 1895:1000 (correction to bibliography, type examined; Sierra Leone, Gambia); Dalla Torre, 1897:524 (in catalog of world Sphecidae); Kohl, 1906a:213 (Yemen: Aden); Morice, 1911:124 (Algeria: Biskra); Storey, 1916:109 (Egypt: Fayum, Maadi, Wadi Hof, Wasta); Arnold, 1929a:312 (Handlirsch's description translated into English), 1930:20 (in checklist of Afrotropical Sphecidae); Gussakovskij, 1933b:293 (Iran); Mochi, 1939b:211 (in revision of Egyptian *Stizus*); Giner Mari, 1945b:363 (Morocco: Western Sahara: El Aiun); de Beaumont, 1950d:13 (Egypt: Siwa oasis); de Beaumont and Bytinski-Salz, 1955:56 (Israel); de Beaumont, 1956a:191 (Libya), 1960b:236 (Libya); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:132 (specimens in M. Spinola collection, Torino, are *Stizus combustus*); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from Sistan-o Baluchestan Province); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae).

Larra combusta F. Smith, 1856:341, ♀. Holotype or syntypes: ♀, Asia Minor, Trebizond, now Turkey: Trabzon (BMNH). Synonymized with *Stizus fuliginosus* (Klug) by R. Turner, 1912b:341. – Dalla Torre, 1897:665 (in catalog of world Hymenoptera). – **As *Stizus combustus***: Handlirsch, 1892:179 (new generic assignment, original description translated into German); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Guichard, 1980:229 (Oman), 1989b:156 (Saudi Arabia, Oman); Gadallah, 2001:255-265 (skeletal parts of sting apparatus); Gadallah and Assery, 2004a:227 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:121 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae, redescription), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Ljubomirov and Yildirim, 2008:111 (in catalog of Crabronidae of Turkey); Sakenin, Samin, and Bagriacik, 2010:16 (Iran: Sistan and Balochistan: Chabahar); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:349 (in new catalog of Sphecidae of Saudi Arabia); Yıldırım, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Gadallah, 2020b:31 (in list of aculeate wasps of Arabian Peninsula); Kaplan and Yildirim, 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey).

26. *continuus* (Klug)

Larra continua Klug in Waltl, 1835:97, sex not stated. Holotype or syntypes: Spain: Andalusia: no specific locality (ZMHU). – Klug in Waltl, 1835:88 (in list of Hymenoptera of Andalusia). – **As *Stizus continuus***: Kirchner, 1867:219 (new generic assignment, in catalog of European Hymenoptera); Marquet, 1881:181 (redescription); Handlirsch, 1892:124 (in revision of world Bembicinae), 1895:990 (study of Klug's type; Spain: Barcelona); Dalla Torre, 1897:522 (in catalog of world Sphecidae); Antiga and Bofill, 1904:18 (Spain: Cataluña Province); Mercet,

1906a:152, 158 (in key to Spanish *Stizus*); de Gaulle, 1908:120 (in catalog of French Hymenoptera); Berland, 1925d:77 (in Sphecidae Fauna of France); Coulon, 1925:118 (Morocco: Mogador); Picard, 1930:43 (France: Hérault: Palavas); Giner Marí, 1934:132 (Spain); Dusmet y Alonso, 1935:48 (Spain: Madrid: Ribas de Jarama); Bernard, 1936c:288 (France: Aude: Ile Sainte-Lucie); Giner Marí, 1943a:192 (in Sphecidae Fauna of Spain); Timon-David, 1943:29, 30 (France: Bouches-du-Rhône: plage de Fos); Deleurance, 1946b:67 (France: Bouche-du-Rhône: Camargue: Bois des Rièges); Hamon, 1950:29 (France: Pyrénées-Orientales: Banyuls-sur-Mer); de Beaumont, 1952b:89 (synonymy); Hertzog, 1954:100 (France: Bouches-du-Rhône: Camargue); Harant and Leclercq, 1955:251 (France: Hérault: Grammont); Ceballos, 1956:388 (in catalog of Sphecidae of Spain); Morel, Nouvel, and Ribaut, 1956:338 (France: Département des Pyrénées-Orientales); Balthasar, 1972:362 (in Sphecidae Fauna of Czechoslovakia: not yet found in country); Diniz, 1973:46 (Portugal: Monte Gordo, Portimão); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Gayubo, 1984c:379 (Portugal: El Algarve Province); Gayubo and Tormos, 1984:21 (Spain: Valencia); Asís, Tormos, and Gayubo, 1987:157 (description of larva); Tormos and Jiménez, 1987b:316 (Spain: Valencia Province: Dehesa de El Saler); Asís and Jiménez, 1988:274 (Spain: Castellón Province); Asís, Tormos, and Jimenez, 1988:199 (nesting habits); Gayubo, Asís, and Tormos, 1990b:78 (Spain: Zamora Province); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:259 (in Sphecidae Fauna of Western Europe); Tormos, Asís, and Gayubo, 2003:502 (nest parasite: *Nemka viduata* (Pallas), Mutillidae); Asís, Tormos, and Gayubo, 2006:83 (male territoriality); Evans and O'Neil, 2007:77 (summary of information on nesting habits); Polidori, Mendiola, Asís, Tormos, Selfa, and Andrietti, 2008:1652 (females tend to establish nests close to conspecific nests); Polidori, Mendiola, Asís, Tormos, García, and Selfa, 2009:2985 (diet preference, predator-prey size, foraging capacity); Polidori, Giordani, Mendiola, Asís, Tormos, and Selfa, 2010:255 (emergence and dispersal relative to natal nest); Polidori, Mendiola, Asís, Tormos, and Selfa, 2010:354 (nest parasite: *Nemka viduata* (Pallas), a mutillid); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: recent biological observations reported); Santoro, Polidori, Asís, and Tormos, 2011:1125 (prey use, both taxa and size, between generations of wasp); Polidori, Ballesteros, Santoro, Tormos, and Asís, 2012:445 (individual differences in prey selection); Bitsch, 2014:399 (reference to Polidori et al., 2009, 2010); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Polidori, Giordani, Wurdack, Tormos, Asís, and Schmitt, 2017:119 (post-mating shift towards longer-chain cuticular hydrocarbons drastically reduces female attractiveness to males); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:306 (in Sphecidae Fauna of Europe); Cross, Baldock, and Wood, 2021:30 (in catalog of Sphecidae *sensu lato* of Portugal); Kaplan and Yildirim, 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey).

Stizus continuus Marquet, 1879:181, ♀, ♂, junior secondary homonym of *Stizus continuus* (Klug). Syntypes: ♀, ♂, France: Hérault: Cette, now Sète (Lausanne). Synonymized with *Stizus continuus* Klug by de Beaumont, 1952b:89.

27. *delessertii* Guérin-Méneville

NOTE: Placement of this species in *Stizus* was confirmed by M. Ohl who examined the types (pers. comm.).

Stizus delessertii Guérin-Méneville, 1844:439, ♂ (as *Delessertii*, incorrect original capitalization). Holotype or syntypes: ♂, India: Pondichéry (MSNG). – Cameron, 1890b:244 (in catalog of Oriental Stizini); Handlirsch, 1892:169 (original description translated into German); Dalla Torre, 1897:523 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae). – **As *Larra delessertii***: F. Smith, 1856:342 (new generic assignment, in catalog of Hymenoptera in British Museum), 1871a:367 (in catalog of Oriental Aculeata). – **As *Stizoides delessertii***: Guiglia, 1948b:180 (new generic assignment, holotype in Genova Museum).

28. *deserticus* Giner Marí

Stizus deserticus Giner Marí, 1945b:378, ♀. Holotype: ♀, Morocco: Western Sahara: El Aiun (MNCN). – Giner Marí, 1945b:363 (Morocco: Western Sahara: El Aiun); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae).

29. *dewitzii* Handlirsch

Stizus dewitzii Handlirsch, 1892:156, ♀, ♂ (as *Dewitzii*, incorrect original capitalization). Syntypes: South Africa: no specific locality (NHMW, ZMHU, Brussels, MSNG, BMNH, Kraków). – Dalla Torre, 1897:523 (in catalog of world Sphecidae); Strand, 1910c:49 (Namibia: Gibeon); Brauns, 1911a:91 (nesting habits); Arnold, 1929a:308 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:96 (Zaire, as *Dewitzii*); Scott in Arnold, 1933a:371 (Ethiopia: Alaba); Arnold, 1935a:503 (South Africa: Kalahari); Evans, 1966d:126 (discussing behavioral data of Brauns, 1911); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); S. Gess, 1996:269, 273 (floral records); Seyoum and Pulawski, 2001:322 (potential control agent of acridid pests in Ethiopia); S. Gess and F. Gess, 2003:119 (South Africa: visiting flowers of *Hermbstaedtia glauca* (Wendl.) Reichb. ex Steud., Amaranthaceae, *Foeniculum vulgare* Mill., Apiaceae, *Asclepias buchenaviana* Schinz and *Sarcostemma viminale* (L.) R. Br., Apocynaceae, *Acacia caffra* (Thunb.) Willd. and *Acacia karroo* Hayne, Fabaceae, *Limeum fenestratum* (Fenzl) Heimerl, Molluginaceae, and *Ziziphus mucronata* Willd., Rhamnaceae).

Stizus erythrasis Cameron, 1910:144, ♀. Holotype or syntypes: ♀, South Africa: Limpopo Province: Zoutpansberg District: no specific locality (TMP). Synonymized with *Stizus dewitzii* by Brauns, 1917:240.

Stizus dewitzii propodealis Bischoff, 1915a:473, ♀. Syntypes: ♀, Tanzania: Kisseka and Tabora (ZMHU). Synonymized with *Stizus dewitzii* by Arnold, 1929a:309.

30. *dispar* F. Morawitz

Stizus dispar F. Morawitz, 1888:284, ♀, ♂. Syntypes: Turkmenistan: Kiltitschinar ca 30 km southeast of Ashgabat (ZIN). – Kohl and Handlirsch, 1889:280 (Turkmenistan); Handlirsch, 1892:165 (in revision of world Bembicinae); Dalla Torre, 1897:523 (in catalog of world Sphecidae); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River), 1965:88 (Turkmenistan: Bayram-Ali district); de Beaumont, 1970c:8 (Iran: Baluchistan); Myartseva, 1972a:88 (Turkmenistan); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 1978b:81, 82 (in key to Sphecidae of Kazakhstan and Central Asia); Nazarova and Shomirsaidov, 1997:24 (Tajikistan: fruit tree orchards in Vakhsh River valley); Nazarova, 1998:41 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:126 (geographic distribution, collecting localities in Kazakhstan); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 58 (geographic distribution); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from Sistan-o Baluchestan Province); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

31. *elegans* Dahlbom

Stizus elegans Dahlbom, 1845:478, ♂. Holotype or syntypes: ♂, Egypt: no specific locality (Stockholm). – Handlirsch, 1892:470 (original description copied); Dalla Torre, 1897:523 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Roche, 2007a:123 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae). – *As Larra elegans*: F. Smith, 1856:342 (new generic assignment, in catalog of Hymenoptera in British Museum).

32. *ellenbergeri* Arnold

Stizus ellenbergeri Arnold, 1929a:309, ♂ (as *Ellenbergeri*, incorrect original capitalization). Holotype: ♂, Lesotho: Leribe (MNHN). – Arnold, 1930:20 (in checklist of Afrotropical Sphecidae); de Beaumont, 1967b:57 (South Africa: Cape Province); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

33. *emir* Handlirsch

Stizus emir Handlirsch, 1901c:509, ♀. Syntypes: ♀, Turkmenistan: Repetek (NHMW). – Gussakovskij, 1933b:291 (Iran); Lohrmann, 1943:193 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group);

R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Dollfuss, 1989:12 (type series in NHMW); Kazenas, 1992c:28 (Turkmenistan: Repetek Nature Reserve), 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 58 ((geographic distribution, justification of new synonymy); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from Sistan-o Baluchestan and South Khorasan provinces); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

Stizus zhelokhovtsevi Gussakovskij, 1952:270, ♀, ♂. Syntypes: Tajikistan: Ayvaj, Djilikul; Uzbekistan: Kagan, Gurum-Sar (ZIN). Synonymized with *Stizus emir* by Nemkov, 2012a:58. – R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Nazarova, 1998:41 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas, 2001b:49 (in checklist of Sphecidae of Kazakhstan and Central Asia); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

34. *erythraeensis* Mantero

Stizus erythraeensis Mantero, 1917:368, ♀. Syntypes: ♀, Eritrea: Keren (MSNG). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Madl, 2023:247 (in catalog of Crabronidae of Eritrea).

35. *erythrocephalus* (Fabricius)

Larra erythrocephala Fabricius, 1793:221, sex not stated. Holotype or syntypes: South Africa: Western Cape Province: Cape Town area (BMNH, now lost: van der Vecht, 1961a:53). – Fabricius, 1796:89 (in Index to his Entomologia Systematica, 1793), 1804:220 (redescription). – As *Stizus erythrocephalus*: Handlirsch, 1892:179 (new generic assignment, original description copied); Dalla Torre, 1897:523 (in catalog of world Sphecidae); van der Vecht, 1961a:53 (type lost, species tentatively assigned to *Stizus*). Not listed by Bohart and Menke, 1976.

36. *euchromus* Handlirsch

Stizus euchromus Handlirsch, 1892:153, ♀, ♂ Syntypes: Georgia: Tiflis, now Tbilisi and Turkmenistan: Krasnovodsk (NHMW and ZMHU). – Dalla Torre, 1897:523 (in catalog of world Sphecidae); Gussakovskij, 1933b:293 (Iran), 1935:438 (Uzbekistan: Surkhan-Darya area); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 1978b:81 (in key to Sphecidae of Kazakhstan and Central Asia), 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 58 (geographic distribution); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from Sistan-o Baluchestan Province); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

37. *excellens* Lohrmann

Stizus eximius Arnold, 1936:15, ♀, ♂, junior primary homonym of *Stizus eximius* F. Morawitz, 1894. Syntypes: Zimbabwe: Tegwani; South Africa: Limpopo Province: Waterberg (TMP). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group).

Stizus excellens Lohrmann, 1943:194 (authorship attributed to Maidl and Klima). Substitute name for *Stizus eximius* Arnold. – R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

38. *eximius* F. Morawitz

Stizus eximius F. Morawitz, 1894:360, ♀, ♂. Syntypes: Turkmenistan: Keltechinar ca 30 km southeast of Ashkhabad (ZIN). – Dalla Torre, 1897:524 (in catalog of world Sphecidae); Lohrmann, 1943:193 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River), 1965:88 (Turkmenistan: Akibay); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:126 (geographic distribution, collecting localities in Kazakhstan); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries),

58 (geographic distribution, justification of new synonymy), 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae).

Stizus scolioides Kokujev, 1902:10, ♂. Syntypes: ♂, Turkmenistan: Merv, now Mary (ZIN). Synonymized with *Stizus eximius* by Nemkov, 2012a:58. – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia).

39. *fasciatus* (Fabricius)

Bembex fasciata Fabricius, 1781:458, sex not stated. Holotype or syntypes: ♂, Italy: no specific locality (depository unknown: van der Vecht, 1961a:50). – Fabricius, 1787:286 (additional description); Olivier, 1789:291 (redescription); Jurine, 1807:175 (in list of *Bembex*); Pagliano, 2011a:119 (specimens in coll. Spinola, Torino, are *Bembex texana*). – **As *Stizolarra fasciata***: de Saussure, 1887:9 (new generic assignment). – **As *Stizus fasciatus***: nec Dahlbom, 1843:153 and 1845:XVIII (= *Stizoides assimilis*); Guérin-Méneville, 1844:439 (new generic assignment); Cameron, 1890b:244 (in catalog of Oriental Stizini); Handlirsch, 1892:112 (in revision of world Bembicinae); F. Morawitz, 1893b:421 (Tajikistan: Iskander-kul in Zeravshan River valley); Handlirsch, 1898b:489 (Algeria); Dalla Torre, 1897:524 (in catalog of world Sphecidae); Mocsáry, 1897:82 (Croatia); Ferton, 1899:343 (prey and nest), 1901c:680 (nesting behavior); Adlerz, 1904:137 (known prey: adult and immature acridids); Antiga and Bofill, 1904:17 (Spain: Cataluña Province); Mercet, 1906a:153, 157 (in key to Spanish *Stizus*); Schmiedeknecht, 1907: 216 (in key to Hymenoptera of Central Europe); de Gaulle, 1908:120 (in catalog of French Hymenoptera); Ferton, 1908:557 (capturing prey), 1914:115 (egg position on prey); Torka, 1916:31 (Germany: Posen Province: south of Nakel, now Poland: Poznań Region: south of Nakło; and Russian Poland: between Włocławek and Lipie, now Poland; is likely to be *Stizus perrisi*); Fahringer, 1922:180 (Turkey); Maidl, 1922:72 (Montenegro); Szulczewski, 1922:98 (Poland: Bydgoszcz area), record not confirmed by subsequent collecting; Ferton, 1923:88 (preying on crickets: *Stenobothrus bicolor* (Charpentier), *Caloptenus italicus* (L.), *Platyphyma giornae*), 103 (nest structure, nesting habits); Berland, 1925d:76 (in Sphecid Fauna of France); Coulon, 1925:118 (Morocco: Mogador); Berland, 1928b:176 (correction to key in Berland, 1925d); A. Müller, 1930:181 (Bulgaria: Kaliakra); Picard, 1930:42 (France: Hérault: Sète; Landes: Saint Sever; Var: Montredon); Schmiedeknecht, 1930:679 (in keys to Hymenoptera of North and Central Europe); Nadig, 1933:90 (Morocco: Tanger); E. Nielsen, 1933:298 (summary of nesting habits); Bernard, 1934b:249 (prey: *Stauroderus vagans* Eversmann, Acrididae); Gussakovskij, 1934a:13 (China: Szechuan Province); Bernard, 1935:63 (France: Var: Fréjus area; prey: *Stauroderus vagans* Eversmann, Acrididae); Guiglia, 1938:b9 (Italy: Sardegna), 1941c:162 (Italy: Calabria: Grande Sila), 1944b:18 (Italy: Calabria); de Beaumont, 1947b:387 (Cyprus); Zavadil in Zavadil and Šnoflak, 1948:163 (in key to Sphecidae of Czechoslovakia, not yet found in Czechoslovakia); Pittioni, 1950:23 (Cyprus); de Beaumont and Bytinski-Salz, 1955:52 (Israel); Ceballos, 1956:389 (in catalog of Hymenoptera of Spain); Nouvel and Ribaut, 1958:11 (France: Pyrénées-Orientales: Banyuls-sur-Mer); Compte Sart, 1959:136 (Spain: Mayorca); Suárez, 1959:55 (Spain: Almería Province); van der Vecht, 1961a:50 (nomenclatural history); de Beaumont, 1962b:23 (Spain); Scobiola, 1963:823 (Romania: Periprava in delta of Danube, redescription); Ceballos, 1964:93 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1965a:25 (Greece; color variation); Balthasar, M. Hrubant, and E. Hrubant, 1967:174 (Bulgaria: Slanchev Bryag near Nessebar); de Beaumont, 1967a:300 (Turkey); Scobiola-Palade, 1968b:141 (Romania: Island of Letea in delta of Danube); de Beaumont, 1969:83 (Turkey); Balthasar, 1972:360 (in Sphecid Fauna of Czechoslovakia: not yet found in country); Scobiola-Palade, 1972a:149 (Romania: delta of Danube: Caraorman); Erlandsson, 1974:68 (France); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Georgiou, 1977:192 (Cyprus); Guichard, 1978:270 (Greece); Kazenas, 1978b:82, 83 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:206 (in key to Sphecidae of European part of USSR); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 1980:117 (Italy: Calabria); Radović, Krunić and Brajković, 1982:30 (Yugoslavia); Gayubo, 1882e:107 (Spain:

- Cádiz Province); Chevin and Chevin, 1985:39 (France: Aude); Scobiola-Palade, 1985:95 (Romania: delta of Danube); Steiner, 1986:109 (references to publications on nesting habits); Scobiola-Palade, 1989:87 (Romania: delta of Danube); Gayubo, Asís, and Tormos, 1990b:78 (Spain: Avila Province); Pagliano, 1990:75 (in catalogue of Italian Sphecidae); Day, 1991:xix (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:206 (in key to Sphecidae of North and Central Europe); Gayubo, Borsato, and Osella, 1991:416 (Italy: Toscana: Alberese); Pagliano, 1992:45 (in key to Italian Nyssoninae, now Bembicinae); Negrisola and Pagliano, 1993:91 (Italy: Sardegna); Negrisola in Minelli, Ruffo, and La Posta, 1995b:5 (in catalog of Italian fauna); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:260 (in Sphecidae Fauna of Western Europe); Celary, 1997:60 (in checklist of Animals of Poland, in error); Tüzün, Gülmez, and Bağrıaçık, 1999:384 (Turkey: Aegean Region); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Tüzün, 2001:44 (Turkey); Kazenas, 2002a:126 (geographic distribution, collecting localities in Kazakhstan); Gorobchishin, 2004:34 (Ukraine: Zaporiz'ka Oblast': Obitichna Kosa Nature Reserve); Kazenas, 2004b:110 (Kazakhstan: western Tien Shan), 2004d:34 (Kazakhstan: Ashisay near Kul'sary); Shkuratov, 2004a:75 (Ukraine: Donetsk Oblast'); Skibińska in Bogdanowicz, Chudzicka, Piliupik, and Skibińska, 2004:357 (in catalog of Polish Crabronidae, in error); Nazarova, 2004:107 (Tajikistan: Badakhshan Region: Rushan District: village Visav in Bartang River valley); Gayubo and Özbek, 2005:20 (Turkey: Hakkari: Dez vasi; Kahramanmaraş: Afşin); Jacobs, 2005a:450 (Bulgaria: Arkutino near Burgas, Michurin, Primorsko); Pagliano and Negrisola, 2005:182 (in Sphecidae Fauna of Italy); Shorenko, 2005a:168 (Ukraine: Crimea); Yildirim and Ljubomirov, 2005:1793 (Turkey: Konya: Çumra and Güneşinir); Magdalou, 2006b:109 (France: Pyrénées-Orientales: Mas Larrieu Nature Reserve near Argelès-sur-Mer), 2006c:8 (France: Pyrénées-Orientales: Réserve Naturelle du Mas-Larrieu); Standfuss and Standfuss, 2006c:306 (Greece: Thessalia: Magnissia Peninsula at 39°N 23°E), 309 (two color forms); Kazenas, 2007a:92 (Kazakhstan: Akmala Oblast': Kurgandzhin Nature Reserve and vicinity); Roche, 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Shorenko, 2007b:258 (Ukraine: Crimea: Kerch); Kazenas, 2008c:255 (Kazakhstan: village Koktum south of Lake Alakol'); Ljubomirov and Yildirim, 2008:112 (in catalog of Crabronidae of Turkey); Ruchin, Antropov, and Shibayev, 2009:170 (Russia: Republic of Mordovia); Shorenko, 2009:369 (in list of Sphecidae *sensu lato* of Crimea); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: recent records from Bulgaria and Greece reported); Rudoiskatel', 2010:151 (Russia: southern Ural Mountains); Shorenko and Kononov, 2010:16 (Ukraine: Crimea: Shchebetovka near Feodosiya); Murai and Amr, 2011:120 (recorded from Syria by El Hariri, 1968, 1971); Pagliano, 2011a:132 (specimens in M. Spinola collection, Torino, are *Stizoides assimilis*); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 58 (geographic distribution, justification of new synonymy), 2012b:122 (review of known prey); Baldock, 2014:359 (Spain: Island of Mallorca); Protsenko, Fateryga, and Ivanov, 2014:33 (Crimea: several localities); Ivanov, Fateryga, and Filatov, 2015:300 (Crimea: Karadag Nature Reserve, a protected species); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Protsenko and Gorobchishin, 2015:25 (in Red Book of Ukraine; map of locality records in Ukraine); Mokrousov and Popov, 2016:570 (Russia: Krasnodarskiy Krai); Yildirim, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Magdalou, 2017:16 (France: Pyrénées-Orientales: Réserves Naturelles Catalanes: Mas Larrieu); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae), 2017b:225 (in catalog of Bembicinae of Russia); Shorenko, 2017:80 (in Crimea collected in June through August), 2018:130 (Crimea, including localities, habitats, and number of specimens); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:306 (in Sphecidae Fauna of Europe); Cross, Baldock, and Wood, 2021:30 (in catalog of Sphecidae *sensu lato* of Portugal); Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey), 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).
- Bembex integra* Fabricius, 1793:251, sex not stated. Holotype or syntypes: ♂, Italy: no specific locality (ZMUC). Apparently an unjustified substitute name for *Bembex fasciata* (see van der Vecht, 1961a:50). – Fabricius, 1796:18 (in Index to his Entomologia Systematica, 1793). – **As *Stizus integer***: Spinola, 1806:74 (new generic assignment; Italy:

Liguria); Vander Linden, 1829:17 (bibliographic references, southern France, Italy, comparison with *Stizus ruficornis*); Dahlbom, 1843:152 (in revision of Sphecidae and Pompilidae), 1845:XXIII (specimens of *Bembex integra* in collection Fabricius are *Stizus*) and 477 (in key to world *Stizus*); A. Costa, 1867c:49 and 1869b:65 (in revision of Italian Sphecidae); Kirchner, 1867:219 (in catalog of European Hymenoptera); Dours, 1874:148 (in catalog of Hymenoptera of France); Celary, 1997:60 (in checklist of Animals of Poland, in error); Skibińska in Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:357 (in catalog of Polish Crabronidae, in error); Pagliano, 2011a:130 (specimens in coll. Spinola, Torino, are *Stizus fasciatus*). – **As *Larra integer***: F. Smith, 1856:345 (new generic assignment, in catalog of Hymenoptera in British Museum); Taschenberg, 1875:361 (Italy); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection).

Stizus terminalis Dahlbom, 1845:477, ♂. Syntypes: ♂, southern France and Turkey (depository?). Synonymized with *Stizus fasciatus* by Handlirsch, 1892:112. – Eversmann, 1849:389 (Russia: Orenburg Province); A. Costa, 1859:52 (Italy: in revision of Sphecidae of Kingdom of Naples), A. Costa, 1863:65 (Italy: Calabria Ulteriore: collina di Terreti); 1867c:50 (in revision of Italian Sphecidae); Kirchner, 1867:219 (in catalog of European Hymenoptera); A. Costa, 1869b:66 (in revision of Italian Sphecidae); Dours, 1874:148 (in catalog of Hymenoptera of France); A. Costa, 1884b:33 (Italy: Sardegna: Stagno di Sorso); Mocsáry, 1884:222 (Romania: Transylvania: no specific locality); A. Costa, 1888:3 (in key to Italian *Stizus*); Dalla Torre, 1897:531 (in catalog of world Sphecidae); Mocsáry, 1897:82 (Kingdom of Hungary, localities are in today's Romania); Schmiedeknecht, 1907:216 (in key to Hymenoptera of Central Europe); de Beaumont, 1953h:196 (type material not in Lund; probable synonym of *Stizus fasciatus*); Bajári, 1957a:25 (in key to Hungarian Sphecidae, not yet found in Hungary); Kazenas, 1978b:82, 83 (in key to Sphecidae of Kazakhstan and Central Asia); Islamov, 1986:522 (Uzbekistan: Surkhandarya Oblast'); Hua, 2006:282 (in list of Chinese insects, geographic distribution).

Stizus mongolicus Tsuneki, 1971k:205, ♀. Holotype: ♀, Mongolia: Gobi Altai Aymag: Baga Nuurn urd els (TMB). – Synonymized with *Stizus fasciatus* by Nemkov, 2012a:58. – Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

As *Stizus terminalis* Eversmann, 1849 (Eversmann only cited Dahlbom's species!); F. Morawitz, 1889a:149 (China or Mongolia, as *Stizus conicus* var. *terminalis*); Handlirsch, 1892:119 (in revision of world Bembicinae); Sickmann, 1894:202 (China: Hopei Province: Tientsin); Handlirsch, 1895:990 (northern China), Schmiedeknecht, 1930:679 (in keys to Hymenoptera of North and Central Europe); Zavadil in Zavadil and Šnoflak, 1948:163 (in key to Sphecidae of Czechoslovakia, not yet found in Czechoslovakia); Scobiola-Palade, 1966b:391 (Romania: Tulcea District: Chilia Veche and Periprava), 1967b:39 (Romania), 1968b:141 (Romania: Island of Letea in delta of Danube); Tsuneki, 1971k:202 (Mongolia); Balthasar, 1972:361 (in Sphecid Fauna of Czechoslovakia: not yet found in country); Kazenas, 1972b:146 (Kazakhstan); Scobiola-Palade, 1985:96 (Romania: delta of Danube).

As *Stizus conicus*: F. Morawitz, 1891a:224 (European Kazakhstan: Ryn-Peski, redescription), corrected to *Stizus terminalis* by Handlirsch, 1892:119.

As *Stizus ruficornis*: Pagliano, 2011a:129 (*Stizus ruficornis* in M. Spinola collection, Torino, are *Stizus fasciatus*).

As *Stizus integer*: Pagliano, 2011a:130 (specimens in M. Spinola collection, Torino, are *Stizus fasciatus*).

As *Stizus conicus*: Pagliano, 2011a:130 (specimens in M. Spinola collection, Torino, are *Stizus fasciatus*).

40. *fedtschenkoi* Radoszkowski

Stizus fedtschenkoi Radoszkowski, 1877:34, ♀ (as *Fedtschenkoi*, incorrect original capitalization). Syntypes: ♀, Uzbekistan: Samarkand; Kazakhstan: Bairakum (ZMMU). – Radoszkowski, 1886a:33 (Turkmenistan, male genitalia), 1892:578 (male genitalia, as *Fedtchenkoi*); Handlirsch, 1892:160 (in revision of world Bembicinae); Dalla Torre, 1897:524 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 1978b:81 (in key to Sphecidae of Kazakhstan and Central Asia), 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:127 (geographic distribution, collecting localities in Kazakhstan); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 58 (geographic distribution), 2017a:Table p. 11

(in zoogeographic analysis of Palearctic Bembicinae); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

41. *ferrandii* Magretti

Stizus ferrandii Magretti, 1899:608, ♀ (as *Ferrandii*, incorrect original capitalization). Holotype or syntypes: ♀, Somalia: Lugh at 3°48'N 42°33' (MSNG). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

42. *franzi* R. Turner

Stizus neavei Kohl, 1913a:208, ♀ (as *Neavei*, incorrect original capitalization), junior primary homonym of *Stizus neavei* R. Turner, 1912. Holotype: ♀: Zaire: Kayambo-Dikulwe (MRAC). – Schouteden, 1930:96 (Zaire).

Stizus franzi R. Turner, 1916d:443. Substitute name for *Stizus neavei* Kohl, 1912. – Arnold, 1929a:313 (original description translated into English), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

Stizus congoensis Mantero, 1917:376. Substitute name for *Stizus neavei* Kohl, 1912.

43. *fulvicornis* Dahlbom

Stizus fulvicornis Dahlbom, 1845:477, ♂, ♀. Syntypes: Egypt (Stockholm, coll. Hedenborg). – Not listed by Bohart and Menke, 1976; Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:128 (specimens in M. Spinola collection, Torino, are *Stizus savignyi*); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae).

44. *fuscatus* Morice

Stizus fuscatus Morice, 1897:312, ♂. Holotype: ♂, Egypt: Cairo area (OXUM). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); de Beaumont, 1951e:283 (Morocco), 1956a:192 (Libya; redescription), 1962c:223 (Arabia: El Riyadh); R. Bohart and Menke, 1976a:526 (in checklist of world Sphecidae, authorship attributed to Bingham); Guichard, 1989b:156 (Saudi Arabia, United Arab Emirates, variation); Gadallah and Assery, 2004a:227 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:123 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2011b:590 (recorded from United Arab Emirates by Guichard, 1989b); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:349 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula); Ben Khedher, Yildirim, and Braham, 2022:9 (first record from Tunisia: Medenine: Djerba).

Stizus anchorites R. Turner, 1920a:269, ♂. Holotype: ♂, Egypt: Maasara 10 km south of Cairo on eastern desert (Egyptian Department of Agriculture). Synonymized with *Stizus fuscatus* by Guichard, 1989b:156. – Mochi, 1939b:204 (in revision of Egyptian *Stizus*); Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); Giner Marí, 1945e:236 (Morocco: Western Sahara); de Beaumont and Bytinski-Salz, 1955:55 (Israel); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

Stizus storeyi R. Turner, 1920a:269, ♂. Holotype: ♂, Egypt: Saqqara (BMNH). – Synonymized with *Stizus fuscatus* by Guichard, 1989b:156. – Mochi, 1939b:204 (in revision of Egyptian *Stizus*); Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group, as *storei*); Giner Marí, 1945b:363 (Morocco: Western Sahara: Aserifa; a variety), 1945e:236 (Morocco: Western Sahara); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche and Zalut, 1994:116 (Egypt: Sinai Peninsula).

As *Stizus saharae* subsp. *flavipennis* Roth: Rungs, 1936:25 (Morocco: Kerrando), nomen nudum corrected to *Stizus fuscatus* by de Beaumont, 1956a:192.

45. *fuscipennis* (F. Smith)

Larra fuscipennis F. Smith, 1856:344, ♀, ♂. Syntypes: South Africa: KwaZulu-Natal: Port Natal, now Durban (BMNH). – **As *Stizus fuscipennis***: Handlirsch, 1892:180 (new generic assignment, original description translated into German); Dalla Torre, 1897:524 (in catalog of world Sphecidae); R. Turner, 1912b:341 (redescription); Arnold, 1929a:311 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:96 (Zaire); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Weaving, 1989c:158 (nesting habits); van Vondel, 1995:25 (specimens from Namibia in Natuurmuseum Rotterdam); Evans and O'Neil, 2007:79 (summary of information on nesting habits).

46. *hamatus* Arnold

Stizus dewitzi var. *hamatus* Arnold, 1929a:309, ♂. Holotype: ♂, Zimbabwe: Bulawayo (SAM). – Arnold, 1930:20 (in checklist of Afrotropical Sphecidae). – **As *Stizus hamatus***: R. Bohart and Menke, 1976:526 (new status, in checklist of world Sphecidae).

47. *handlirschi* Radoszkowski

Stizus handlirschi Radoszkowski, 1893a:62, ♀ (as *Handlirschi*, incorrect original capitalization). Holotype or syntypes: ♀, Transcaspiya, probably Turkmenistan: no specific locality (Kraków), but Serax according to Handlirsch, 1895:999. – Handlirsch, 1895:999 (redescription); Dalla Torre, 1897:525 (in catalog of world Sphecidae); Kokujev, 1902:10 (Turkmenistan: Merv, now Mary); R. Turner, 1912b:342 (Pakistan: Karachi); Ramakrishna Aiyar, 1916:557 (in catalog of Indian aculeates described after Bingham, 1897); Gussakovskij, 1933b:293 (Iran); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River), 1965:88 (Turkmenistan: Akibay), 1966:48 (preying on orthopterans); de Beaumont, 1967a:300 (Turkey); Myartseva, 1972a:88 (Turkmenistan); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Nazarova and Shomirsaidov, 1997:24 (Tajikistan: fruit tree orchards in Vakhsh River valley); Nazarova, 1998:41 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 231 (review of known prey); Nazarova, 2005:94 (alfalfa fields in southwestern Tajikistan); Ljubomirov and Yildirim, 2008:112 (in catalog of Crabronidae of Turkey); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 58 (geographic distribution), 2012b:122 (review of known prey); Yıldırım, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from Sistan-o Baluchestan Province); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey), 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

48. *hispanicus* Mocsáry

Stizus hispanicus Mocsáry, 1883:44, ♀, ♂ (as *Hispanicus*, incorrect original capitalization). Syntypes: Spain: Granada (TMB). – Handlirsch, 1892:164 (in revision of world Bembicinae), 1895:999 (types of *Stizus villosus* are identical with those of *Stizus hispanicus*); Dalla Torre, 1897:525 (in catalog of world Sphecidae); Antiga and Bofill, 1904:18 (Spain: Cataluña Province); Mercet, 1906a:153, 156 (in key to Spanish *Stizus*); Berland, 1925d:77 (in Sphecid Fauna of France); Nadig, 1933:89 (Morocco: Tizi n'Tichka); Giner Marí, 1943a:191 (in Sphecid Fauna of Spain); de Beaumont, 1951e:282 (Morocco); Ceballos, 1956:389 (in catalog of Hymenoptera of Spain); Suárez, 1959:55 (Spain: Almería Province); de Beaumont, 1962b:22 (Spain); Ceballos, 1964:92 (in supplement to catalog of Spanish Sphecidae); Diniz, 1973:46 (Portugal: Vila Real de Santo António); Erlandsson, 1974:68 (Spain); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Gayubo, 1982b:46 (Spain: Cáceres: Garganta; Salamanca: Navacarros, Puebla de San Medel, Valverde de Valdelacasa), 1983e:234 (Spain: Salamanca Province); Chevin and Chevin, 1985:39 (France: Aude); Gayubo, Asís, and Tormos, 1990b:78 (Spain: Avila, Cáceres, Salamanca provinces); Pagliano, 1990:75 (in catalogue of Italian Sphecidae), 1992:45 (in key to Italian Nyssoninae); Tormos, Asís, and Gayubo, 1994:189, 220 (Spain: Albacete Province); Negrísolo in Minelli, Ruffo, and La

Posta, 1995b:5 (in catalog of Italian fauna); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:262 (in Sphecidae Fauna of Western Europe); Nieves-Aldrey, Fontal-Cazalla, Garrido-Torres, and Rey del Castillo, 2003:42 (Spain: Madrid: Estación Biogeológica de El Ventorrillo in Sierra de Guadarrama); Gayubo et al., 2004:130 (Spain: Madrid: Estación Biogeológica de El Ventorrillo in Sierra de Guadarrama); Pagliano and Negrisoló, 2005:182 (in Sphecidae Fauna of Italy); Baños-Picón, Gayubo, Asís, and González, 2007:255, 258 (Spain: Zamora: Cabañas de Aliste); Gayubo, González, Tormos, and Asís, 2008:137 (Spain: Salamanca: Parque Natural de Las Batuecas–Sierra de Francia); Baños-Picón, Asís, Gayubo, and Tormos, 2009:311 (Spain: frequency of specimens collected with hand nets and Malaise traps); Gayubo, González, Tormos, and Asís, 2009:365 (Spain: Valladolid: Reserva Natural Riberas de Castronuño–Vega del Duero); González, Gayubo, Asís, and Tormos, 2009:625 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park); Cruz-Sánchez, Asís, Gayubo, Tormos, and González, 2011:500 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park: effects of wildfire), 501 (exclusive species of burned areas); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:307 (in Sphecidae Fauna of Europe); Cross, Baldock, and Wood, 2021:30 (in catalog of Sphecidae *sensu lato* of Portugal).

Stizus villosus A. Costa, 1887:243, ♂. Holotype or syntypes: ♂, Italy: Sicilia: no specific locality, but Acireale area near Catania, Sicilia according to A. Costa, 1888 (Napoli). Synonymized with *Stizus hispanicus* by Handlirsch, 1892:164. – A Costa, 1888:3 (in key to Italian *Stizus*); De-Stefani, 1895:227 (in catalog of Sicilian Hymenoptera); Handlirsch, 1895:999 (study of type material).

Stizus villosus A. Costa, 1888:2. Objective synonym of *Stizus villosus* A. Costa, 1887.

49. *histrio* F. Morawitz

Stizus histrio F. Morawitz, 1888:287, ♀. Holotype or syntypes: ♀, Turkmenistan: Kiltitschinar ca 30 km southeast of Ashkhabad (ZIN). – Kohl and Handlirsch, 1889:281 (Turkmenistan: Chuli); Handlirsch, 1892:126 (in revision of world Bembicinae); Dalla Torre, 1897:525 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Kazenas, 1978b:81 (in key to Sphecidae of Kazakhstan and Central Asia); Kazenas and Nasyrova, 1991:38 (Kazakhstan: preying on *Calliptamus barbarus cephalotes* F.-W. and *C. turanicus* Tarbinskiy, Acrididae); Kazenas and Tobias, 1992:29 (sleeping aggregations); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 231 (prey: *Calliptamus barbarus cephalotes* F.-W. and *C. turanicus* Tarbinskiy, Acrididae), 2002a:127 (geographic distribution, collecting localities in Kazakhstan), 2008a:105 (southeastern Kazakhstan: Ili River valley: 5-8 km east of Bakanas, 35 km northwest of Kapchagay); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 59 (geographic distribution), 2012b:122 (review of known prey); Kazenas, 2014b:161 (description of male); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

Stizus raddei Handlirsch in Kohl and Handlirsch, 1889:280, ♂ (as *Raddei*, incorrect original capitalization). Syntypes: Turkmenistan: Chuli (State Museum of Georgia, Tbilisi?). Synonymized with *Stizus histrio* by Nemkov, 2015b:25. – Handlirsch, 1892:130 (in revision of world Bembicinae); Dalla Torre, 1897:529 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 1978b:82 (in key to Sphecidae of Kazakhstan and Central Asia), 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 59 (geographic distribution); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

50. *huegelii* Handlirsch

Stizus huegelii Handlirsch, 1892:139, ♀ (as *Hügelii* incorrect original capitalization and diacritic mark). Holotype: ♀, India: no specific locality (NHMW). – Dalla Torre, 1897:525 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae, as *hugelii*).

51. *hyalipennis* Handlirsch

Stizus hyalipennis Handlirsch, 1892:142, ♀, ♂. Syntypes: Egypt: Sinai: Tor (NHMW). – Dalla Torre, 1897:525 (in catalog of world Sphecidae); Morice, 1911:123 (Algeria: Biskra); Guiglia, 1937:186 (Libya: Cyrenaica: Auguila), 1939c:183 (Libya: Fezzan: Gat, Tan Ataram, Tunin); nec Mochi, 1939b:208 (= *Stizus annulatus*); Guiglia, 1940a:285 (or a related species; Libya: Mizda), 1942b:232 (or a related species; Libya); Giner Marí, 1945:235 (Spain), 1945e:235 (Morocco: Western Sahara); de Beaumont, 1950d:11 (Egypt: Siwa oasis); Balthasar, 1954b:276 (Palestine); de Beaumont and Bytinski-Salz, 1955:53 (Israel); de Beaumont, 1958b:57 (Algeria: Tassili des Ajjér); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Guichard, 1989b:156 (Saudi Arabia); Roche and Zalut, 1994:116 (Egypt: Sinai Peninsula); Gadallah and Assery, 2004a:219 (Saudi Arabia: in key to Sphecidae of Jeddah Region.), 228 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:118 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2011b:590 (United Arab Emirates: near Sweihan); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:349 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula).

52. *imperator* Nurse

Stizus imperator Nurse, 1903a:523, ♀, ♂. Syntypes: India: Gujarat: Deesa (BMNH). – Ramakrishna Aiyar, 1916:557 (in catalog of Indian aculeates described after Bingham, 1897); Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

53. *imperialis* Handlirsch

Stizus imperialis Handlirsch, 1892:141, ♀. Holotype: ♀, South Africa: no specific locality (ZMHU). – Dalla Torre, 1897:525 (in catalog of world Sphecidae); Brauns, 1911a:91 (nest and prey); Arnold, 1929a:298 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); Guiglia, 1943c:75 (Ethiopia: Gamo Gofa: Sagan–Omo region, determination tentative), 1950:238 (Ethiopia, Gamo Gofa: Caschei, determination tentative); Evans, 1966d:125 (discussing behavioral data of Brauns, 1911); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Gess, 1981:20 (South Africa: Hilton Farm 18 km west-northwest of Grahamstown; nesting in friable soils); Weaving, 1989c:160 (nesting habits); Seyoum and Pulawski, 2001:322 (potential control agent of acridid pests in Ethiopia); S. Gess and F. Gess, 2003:119 (South Africa: visiting flowers of *Deverra denudata* (Viv.) Pfisterer and Podl. and *Foeniculum vulgare* Mill., Apiaceae, *Asclepias buchenaviana* Schinz, Apocynaceae, *Maytenus linearis* (L. f.) Marais, Celastraceae, and *Ziziphus mucronata* Willd., Rhamnaceae); Evans and O'Neil, 2007:79 (summary of information on nesting habits).

Stizus imperialis race *tulbaghensis* Arnold, 1936:17, ♂. Holotype: ♂, South Africa: Western Cape Province: Tulbagh (TMP). Synonymized with *Stizus imperialis* by Arnold, 1952:472. – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group).

ssp. conspicuus Arnold

Stizus imperialis conspicuus Arnold, 1952:472, ♂. Holotype: ♂, Kenya: Makindu (BMNH). – R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae).

54. *iridis* Dow

Stizus iridis Dow, 1941:171, ♂. Holotype: ♂, Utah: San Juan County: Rainbow Bridge National Monument, relocated to 0.5 mi. north-northeast of Rainbow Bridge on Navajo Indian Reservation by Dow, 1976 (MCZ). – Dow, 1942:180 (in key to North American *Stizus*); Krombein in Muesebeck, Krombein, and Townes, 1951:993 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Dow, 1976:65 (nest and prey); Krombein, 1979b:1700 (in catalog of North American Hymenoptera); Stubblefield,

1984:423 (in revision of North American *Stizus*); Radović, 1985:66 (sting apparatus analyzed); Evans and O'Neil, 2007:80 (summary of information on nesting habits).

55. *jordanicus* Lohrmann

Stizus jordanicus Lohrmann, 1942b:211, ♀. Syntypes: Jordan: Jordan valley: no specific locality (NHMW). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); de Beaumont and Bytinski-Salz, 1955:54 (Israel: Wadi Kelt); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Dollfuss, 1989:12 (type series in NHMW); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae). – As *Bembix jordanicus*: R. Bohart and Menke, 1976:546 (new generic assignment, in checklist of world Sphecidae, genus in error).

56. *koenigi* F. Morawitz

Stizus koenigi F. Morawitz, 1888:285, ♀, ♂ (as *Koenigi*, incorrect original capitalization). Syntypes: Turkmenistan: Kiltitschinar ca 30 km southeast of Ashgabad (ZIN). – Kohl and Handlirsch, 1889:281 (Turkmenistan: Chuli); Handlirsch, 1892:125 (in revision of world Bembicinae); Dalla Torre, 1897:526 (in catalog of world Sphecidae); von Schulthess, 1926b:216 (Tunisia: Kairouan); Guiglia, 1932d:479 (Libya: Cufra, Gialo), 1934b:300 (Libya: bibliography and summary of locality records); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 1978b:81, 83 (in key to Sphecidae of Kazakhstan and Central Asia); Nazarova and Shomirsaidov, 1997:24 (Tajikistan: fruit tree orchards in Vakhsh River valley); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:127 (geographic distribution, collecting localities in Kazakhstan); Nazarova, 2005:94 (alfalfa fields in southwestern Tajikistan); Kazenas, 2008a:105 (southeastern Kazakhstan: Ili River valley: near Bakanas and Borandysu); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 59 (geographic distribution, justification of new synonymy); Kazenas, 2013a:116, 117 (color photographs of adult wasps, short information on geographic distribution and nesting habits), 2013b:498 (southeastern Kazakhstan: Borandysu 30 km east of Chilik); Dunford, Turbyville, and Leavengood, 2014:10 (listed as medically important in Afghanistan); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from South Khorasan Province); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Ben Khedher, Yildirim, and Braham, 2022:9 (in checklist of Bembicinae of Tunisia); Embergenov, Akhmedov, and Medetov, 2023:25 (Uzbekistan: southern Lake Aral region); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

Stizus tages W.F. Kirby, 1889:135, ♀. Holotype or syntypes: ♀, Afghanistan: Hari-rud Valley (BMNH). Synonymized with *Stizus koenigi* by R. Turner, 1912b:342.

Stizus zimini Gussakovskij, 1928a:14, ♀. Holotype: ♀, Uzbekistan: Ravat near Khiva (ZIN). Synonymized with *Stizus koenigi* by Nemkov, 2012a:59. – Gussakovskij, 1933b:290 (Iran, description of ♂); Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River), 1965:90 (Turkmenistan: Akibay and Sakar-Chagin district), 1972a:89 (Turkmenistan); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 2001b:49 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:128 (geographic distribution, collecting localities in Kazakhstan).

57. *kohlai* Mocsáry

Stizus kohlii Mocsáry, 1883:45, ♀, ♂ (as *Kohlai*, incorrect original capitalization). Syntypes: Syria: no specific locality (TMB). – Handlirsch, 1892:160 (in revision of world Bembicinae); Dalla Torre, 1897:526 (in catalog of world Sphecidae); Storey, 1916:109 (Egypt: Edku, Heliopolis, Maadi, Qubba); Mochi, 1939b:210 (in revision of Egyptian *Stizus*, as *Stizus ferrugineus* var. *kohli*, new status); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Yildirim and Ljubomirov, 2007:118 (Turkey: İçel: Aydıncık), 122 (is a good species, not a synonym of *Stizus ruficornis*); Ljubomirov and Yildirim, 2008:113 (in catalog of Crabronidae of Turkey); Murai and Amr, 2011:120 (recorded from Syria by Mocsáry, 1883); Yildirim, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey).

by biogeographic provinces); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey), 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey).

58. *lacteipennis* Mocsáry

Stizus lacteipennis Mocsáry, 1883:44, ♀. Holotype or syntypes: ♀, southern Russia or Caucasus: no specific locality (TMB). – Handlirsch, 1892:140 (in revision of world Bembicinae); Dalla Torre, 1897:526 (in catalog of world Sphecidae); Gussakovskij, 1933b:291 (Iran, Turkmenistan); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 1978b:81 (in key to Sphecidae of Kazakhstan and Central Asia), 1992c:28 (Turkmenistan: Repetek Nature Reserve), 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries). 59 (geographic distribution); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:42 (Iran: known from Sistan-o Baluchestan Province); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae).

59. *lepidus* Klug

Larra lepidus Klug, 1845:[21], pl. 46, fig. 1, ♂. Holotype or syntypes: ♂, Egypt: Fayum Province: no specific locality (ZMHU). – F. Smith, 1856:345 (in catalog of Hymenoptera in British Museum); Taschenberg, 1875:363 (Sudan: Khartoum); D. Baker, 1997b:186 (in catalog of insects described by Klug, 1945). – **As *Stizus lepidus***: Handlirsch, 1892:470 (new generic assignment, original description and Taschenberg's redescription copied); Dalla Torre, 1897:526 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Guichard, 1988b:158 (Egypt, Mali, Niger, Sudan, Saudi Arabia); Gadallah and Assery, 2004a:220 (Saudi Arabia: in key to Sphecidae of Jeddah Region), 228 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:118 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula).

As *Stizus marthae*: Mochi, 1939:207 (in revision of Egyptian species), tentatively corrected to *Stizus lepidus* by de Beaumont, 1950d:12.

60. *lineatus* (Fabricius)

Bembex lineata Fabricius, 1793:250, sex not stated. Holotype or syntypes: ♀, origin unknown (BMNH: Banks coll.). – Fabricius, 1796:18 (in Index to his Entomologia Systematica, 1793); nec Fabricius, 1804:225 (= *Stictia*, see van der Vecht, 1961a:51); Dahlbom, 1845:XXIII (specimens not examined). – **As *Stizus lineatus***: van der Vecht, 1961a:51 (new generic assignment, interpretation of the name); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

61. *lohrmanni* R. Bohart

Stizus pubescens Arnold, 1929a:318, ♂, junior secondary homonym of *Stizus pubescens* (Klug, 1835). Syntypes: ♂, Namibia: Grootfontein District: Otavi (SAM). – Arnold, 1930:20 (in checklist of Afrotropical Sphecidae).

Stizus arnoldi Lohrmann, 1943:190 (as *Arnoldi*, incorrect original capitalization), junior primary homonym of *Stizus arnoldi* Mochi, 1939. Substitute name for *Stizus pubescens* Arnold.

Stizus lohrmanni R. Bohart in R. Bohart and Menke, 1976:527. Substitute name for *Stizus pubescens* Arnold and *Stizus arnoldi* Lohrmann.

62. *lughensis* Magretti

Stizus lughensis Magretti, 1899:606, ♀. Syntypes: ♀, Somalia: Lugh at 3°48'N 42°33'E (MSNG). – R. Turner, 1916d:439 (redescription of ♀, Somalia); Arnold, 1929a:313 (Turner's description copied), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

63. *luteotaeniatus* Gussakovskij

Stizus luteotaeniatus Gussakovskij, 1933b:292, ♀, ♂. Syntypes: Iran: Hurmuk; Kerman: Bazman-Tagab (ZIN). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:43 (Iran: known from Sistan-o Baluchestan Province); Nemkov, 2017a:Table p. 11 (in zoogeographic analysis of Palearctic Bembicinae).

64. *marnonis* Handlirsch

Stizus marnonis Handlirsch, 1892:145, ♀ (as *Marnonis*, incorrect original capitalization). Holotype: ♀, Sudan: Marno (NHMW). – Dalla Torre, 1897:527 (in catalog of world Sphecidae); Mantero, 1917:367 (Eritrea); Arnold, 1929a:306 (original description translated into English), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Al-Houty, 1989:164 (Kuwait), 1997:161 (Kuwait: no specific locality); Gadallah and Assery, 2004a:228 (in catalog of Sphecidae of Saudi Arabia); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula); Madl, 2023:248 (in catalog of Crabronidae of Eritrea).

65. *marshallii* R. Turner

Stizus marshallii R. Turner, 1912b:344, ♀. Holotype: ♀, Zimbabwe: Salisbury, now Harare (BMNH). – Arnold, 1929a:304 (original description copied), 1930:20 (in checklist of Afrotropical Sphecidae); Evans, 1966d:126 (preying on mantids); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); S. Gess and F. Gess, 2003:120 (South Africa: visiting flowers of *Deverra denudata* (Viv.) Pfisterer and Podl., Apiaceae, *Asclepias buchenaviana* Schinz, Apocynaceae, *Acacia karroo* Hayne, Fabaceae, and *Limeum myosotis* H. Walter, Mol-luginaceae).

66. *marthae* Handlirsch

Stizus marthae Handlirsch, 1892:143, ♂ (as *Marthae*, incorrect original capitalization). Holotype: ♂, Algeria: Mraier Oasis between Biskra and Tugurt (NHMW). – Dalla Torre, 1897:527 (in catalog of world Sphecidae); W. Schulz, 1905b:42 (Algeria, description of ♀); Morice, 1911:123 (Algeria: Biskra); Kruger, 1929a:21 and 1929b:56 (Libya: Cyrenaica: Giarabub); Nadig, 1933:87 (Morocco: Taza); Guiglia, 1934b:299 (Libya: bibliography and summary of locality records); nec Mochi, 1939b:207 (= *Stizus lepidus*?); de Beaumont and Bytinski-Salz, 1955:54 (Israel, variation); de Beaumont, 1956a:193 (Libya); Grandi, 1959b:286 (Algeria: Biskra); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Guichard, 1980:229 (Oman); Radović, 1985:66 (sting apparatus analyzed); Guichard, 1989b:157 (variation, Saudi Arabia); Gadallah, 2001:255-265 (skeletal parts of sting apparatus); Gadallah and Assery, 2004a:228 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:119 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula).

Stizus cheops Bingham, 1897 in R. Bohart and Menke, 1976:727, junior primary homonym of *Stizus cheops* Morice, 1897. The name was attributed to Bingham, 1897, who however never described it. The name is not available under Article 11.5 of the Code (treated as a junior synonym of *Stizus marthae* when proposed).

ssp. *cheops* Morice

Stizus cheops Morice, 1897:313, ♀, ♂. Syntypes: Egypt: Zeitoun and Koubbeh near Cairo (OXUM). – Storey, 1916:108 (Egypt: Cairo, Kafr el Dawar, Suez, Wadi Rashid); Mochi, 1939b:207 (in revision of Egyptian species); Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); de Beaumont, 1950d:11 (Egypt: Siwa oasis); Oehlke and Wudowenz, 1974:422 (syntype from Zeitoun in DEI);

R. Bohart and Menke, 1976:527 (as synonym of *Stizus marthae*). – As *Stizus marthae cheops*: de Beaumont, 1950d:12 (new status), 1956a:193 (subspecies status confirmed), 1960b:236 (Libya).

67. *melanurus* Handlirsch

Stizus melanurus Handlirsch, 1892:138, ♂. Holotype: ♂, Senegal: no specific locality (ZMHU). – Dalla Torre, 1897:527 (in catalog of world Sphecidae); Arnold, 1929a:301 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

68. *mocsaryi* Handlirsch

Stizus mocsaryi Handlirsch, 1895:992, ♂ (as *Mocsaryi*, incorrect original capitalization). Holotype or syntypes: origin not stated, but North Africa on p. 1040 (depository not stated). – Dalla Torre, 1897:527 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae).

69. *multicolor* R. Turner

Stizus multicolor R. Turner, 1916d:440, ♀, ♂. Syntypes: Uganda: Elephant Camp and Semliki Plains near southern shore of Lake Albert, now Lake Mwitanzige (BMNH). – Arnold, 1929a:303 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); Guiglia, 1932:127 (Somalia: Bardera, Juba); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

70. *nadigi* Roth

Stizus nadigi Roth in Nadig, 1933:88, ♀, ♂ (as *Nadigi*, incorrect original capitalization). Syntypes: Morocco: Marrakech (originally coll. Nadig, now ETH Zurich). – Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); de Beaumont, 1956a:191 (Chad: Tibesti; redescription); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 1981:4 (in checklist of Sphecidae of United Arab Emirates); Dollfuss, 1989:12 (type series in NHMW); Guichard, 1989b:156 (Qatar, Saudi Arabia, United Arab Emirates; distribution: Morocco, Mali, Somali, Arabia, western India); Gadallah and Assery, 2004a:228 (in catalog of Sphecidae of Saudi Arabia); Schmid-Egger, 2011b:590 (recorded from United Arab Emirates by Guichard, 1989b); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula).

71. *neavei* R. Turner

Stizus neavei R. Turner, 1912b:343, ♀, ♂. Syntypes: Zambia: Luangwa Valley; Malawi: Rukuru Valley in Karonga District (BMNH) – R. Turner, 1916d:443 (distinctive characters); Arnold, 1929a:305 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

72. *nigriventris* Arnold

Stizus nigriventris Arnold, 1951:130, ♀. Syntypes: Mali: Tillembeya, now Diafarabé (BMNH). – R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

73. *niloticus* Handlirsch

Stizus niloticus Handlirsch, 1892:134, ♂ (as *Niloticus*, incorrect original capitalization). Syntypes: Egypt: no specific locality (ZMHU) and Sinai: Tor (NHMW). – Dalla Torre, 1897:528 (in catalog of world Sphecidae); Morice, 1897:312 (Egypt: Ein Shams near Cairo); Kohl, 1906a:213 (Yemen: Aden: Ras Fartak, description of ♀); Mochi, 1939b:203 (in revision of Egyptian *Stizus*); Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); de Beaumont and Bytinski-Salz, 1955:55 (Israel); Grandi, 1957:385 (Libya: Tripolitania: Wadi Kaam); de Beaumont, 1956a:193 (Chad: Tibesti; Libya: Tripolitania), 1962c:223 (Arabia: El Riyadh); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Guichard, 1980:229 (Oman); Roche

and Zalut, 1994:116 (Egypt: Sinai Peninsula); Gadallah, 2001:255-265 (skeletal parts of sting apparatus); Gadallah and Assery, 2004a:228 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:119 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae, as *niloticus niloticus*, redescription), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae, as *niloticus niloticus*); Sakenin, Samin, and Bagriacik, 2010:16 (Iran: Khuzestan: Ahwaz); Schmid-Egger, 2011b:590 (first record from United Arab Emirates: Jebel Hafit south of al-Ain, Wadi al-Helo, Wadi Wurayah); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:43 (Iran: known from Khuzestan Province); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula).

ssp. *saharae* Roth

Stizus saharae Roth, 1934b:187, ♀, ♂. Syntypes: Algeria: Redir de Tigemt and Timissao (MNHN). – nec *Stizus saharae flavipennis* of Rungs, 1936:25 (= *Stizus fuscatus*); Guiglia, 1937:186 (Libya: Cyrenaica: Augila; coloration), 1942b:232 (Libya); Lohrmann, 1943:194 (in checklist of recently described *Stizus*, member of *Stizus fasciatus* species group); de Beaumont, 1950d:11 (Egypt: Siwa oasis); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae). – **As *Stizus niloticus saharae***: de Beaumont, 1960b:236 (new status, Libya); Roche, 2007a:120 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Ben Khedher, Yildirim, and Braham, 2022:9 (in checklist of Bembicinae of Tunisia). – **As *Stizus niloticus forma saharae***: de Beaumont, 1966:212 (new status, Egypt: south of Abd el Rahman near Alexandria).

Stizus saharae Roth, 1934c:253, ♀, ♂. Objective synonym of *Stizus saharae* Roth, 1934b.

74. *occidentalis* J. Parker

Stizus occidentalis J. Parker, 1929:9, ♀, ♂. Holotype: ♂, USA: California: San Diego County: no specific locality (USNM). – Dow, 1942:176 (locality records), 180 (in key to North American *Stizus*); Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group); Krombein in Muesebeck, Krombein, and Townes, 1951:994 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Stubblefield, 1984:418 (in revision of North American *Stizus*).

75. *ocellatus* Gistel

Stizus ocellatus Gistel, 1857:49, sex not stated. Holotype or syntypes: origin unknown (depository?). – Strand, 1916c:98 (in review of Gistel, 1857); Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

76. *orientalis* Cameron

Stizus orientalis Cameron, 1890b:245, ♀. Holotype or syntypes: ♀, India: West Bengal: Barrackpore north of Calcutta (OXUM). – Handlirsch, 1895:1000 (original description translated into German); Bingham, 1897:280 (as synonym of *Stizus melleus*); Dalla Torre, 1897:528 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

77. *ornatus* Dahlbom (preoccupied)

Stizus ornatus Dahlbom, 1845:477, ♂, junior primary homonym of *Stizus ornatus* Lepeletier de Saint Fargeau, 1845. Holotype or syntypes: ♂, "France": no specific locality, but North Africa according to de Beaumont, 1953h:196 (Lund). – Kirchner, 1867:218 (in catalog of European Hymenoptera); de Beaumont, 1953h:196 (type examined, type locality is North Africa, not France; status unclear).

78. *pauli* Mantero

Stizus pauli Mantero, 1917:372, ♀ (as *Pauli*, incorrect original capitalization). Holotype: ♀, Eritrea: Keren (MSNG). – Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group);

R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Madl, 2023:248 (in catalog of Crabronidae of Eritrea).

79. *perrisi* Dufour

Stizus perrisi Dufour, 1838a:269, ♀, ♂ (as *Perrisi*, incorrect original capitalization). Lectotype: ♂, France: Landes: Mont-de-Marsan (MNHN), designated by Bitsch, 1996:21. – Ruthe and Stein, 1857:314 (Germany: Berlin area, redescription); Funk, 1859:59 (Germany: Bayern: Bamberg), 1864:157 (corrected to *Stizus conicus*); Kirchner, 1867:219 (in catalog of European Hymenoptera); Dours, 1874:148 (in catalog of Hymenoptera of France); Handlirsch, 1892:127 (in revision of world Bembicinae), 1895:990 (additional description; Hungary, Germany); Acloque, 1897:95 (in Sphecid Fauna of France and Algeria); Dalla Torre, 1897:528 (in catalog of world Sphecidae); Mocsáry, 1897:82 (Hungary: Island of Csepel in Budapest and Kecskemét, other localities are in today's Croatia, Romania, and Slovakia); de Gaulle, 1908:120 (in catalog of French Hymenoptera); Schirmer, 1912:166 (Germany: not collected in Berlin area since Ruthe and Stein, 1857); Enslin, 1911:10 (Germany: Nürnberg area); Stöckhert, 1919:40 (Germany: Franken); Enslin, 1922c:246 (Germany: Bayern: habitat destroyed by construction); Noskiewicz, 1922a:8 (Ukraine: Lviv area); Szulczewski, 1922:98 (Poland: Bydgoszcz area); Berland, 1925d:78 (in Sphecid Fauna of France); Picard, 1930:43 (France: Département de Landes: no specific locality); Bischoff, 1937a:236 (Germany: synopsis of records from Brandenburg, new records from Bellinchen, now Poland: Bielinek); Zavadil, Šusterka, and Bat'a, 1937:187 (in catalog of Sphecidae of Czechoslovakia); Kuntze and Noskiewicz, 1938:406 (Poland: vicinity of Lwów, now Ukraine: Lviv, also known from more northern parts of Poland); Móczár, 1938d:80 (Hungary: Pótharasz puszta, as *Perrissii*); Balthasar, 1941b:112 (Czech Republic: eastern Moravia); Paul, 1941:43 (Germany: Pommern: Stettin area, Gollnow, and Pollnow, now Poland: Województwo Zachodniopomorskie: Szczecin area, Goleniów, and Polanów); Schneid, 1941:1039 (Germany: Bayern: Bamberg area); Zavadil in Zavadil and Šnoflak, 1948:163 (in key to Sphecidae of Czechoslovakia); Bajári, 1957a:26 (in key to Hungarian Sphecidae); Wolf, 1959b:31 (known from Germany, but not from Nassau); Noskiewicz and Puławski, 1960:86 (in key to Polish Sphecidae); Oehlke, 1970:697 (Democratic Germany); Balthasar, 1972:360 (in Sphecid Fauna of Czechoslovakia); Kazenas, 1972b:146 (Kazakhstan; determination tentative); Simon Thomas, 1972:179 (France: Landes, Lot-et-Garonne); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Simon Thomas, 1976:4 (France: Lot-et-Garonne: Forêt de Campet); Kazenas, 1978b:82 (in key to Sphecidae of Kazakhstan and Central Asia); Puławski, 1978:206 (in key to Sphecidae of European part of USSR); Radović, Krnić and Brajković, 1982:30 (Yugoslavia); Józán, 1986:374 (Hungary: Kiskunság National Park); Jacobs, 1989:27 (Germany: Rudow's, 1878 record from Mecklenburg-Vorpommern is questionable); Pádr in Šedivy, 1989a:167 (in checklist of Czechoslovakian Sphecidae); Jacobs and Oehlke, 1990:122 and 214 (not collected in Democratic Germany after 1960); Day, 1991:xix (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:206 (in key to Sphecidae of North and Central Europe); K. Weber, 1992:88 (Germany: Bayern: Bamberg District); Minoranskiy and Shkuratov, 1996:81 (Russia: Rostov Oblast'); Schmid-Egger, Schmidt, and Doczkal, 1996:378 (Germany: extinct in Bavaria); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:262 (in Sphecid Fauna of Western Europe); Celary, 1997:60 (in checklist of Animals of Poland); Schmidt and Schmid-Egger, 1997:29 (in checklist of German Sphecidae); F. Burger, Saure, and Oehlke, 1998:29 (Germany: in list of Sphecidae of Brandenburg), 33 (extinct); Anan'eva and Kochetkov, 1999:7 (Russia: Ryazan Oblast': no specific locality); Blösch, 2000:389 (in Sphecid Fauna of Germany); Jacobs, 2000:12, 16 (Germany: Land Mecklenburg-Vorpommern: extinct); Mokrousov, 2000a:24 (Russia: Nizhniy Novgorod Oblast': near Dzerzhynsk), 2000b:32 (Russia: Nizhniy Novgorod Oblast'); Shkuratov, 2000:57 (Russia: Rostov Oblast': Vëshenskaya village area at 49°37'N 41°45'E); Anan'eva and Kochetkov, 2001:4 (Russia: Ryazan' Oblast'); Budrys, 2001c:389 (first record from Lithuania: Varėna District: Marcinkonys at 54°04'N 24°24'E, Puvočiai area at 54°07'N 24°19'E, and 3 km south of Puvočiai at 54°05'N 24°20'E); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Ohl et al., 2001:142 (distribution in Germany by provinces); Kazenas, 2002a:127 (geographic dis-

tribution, collecting localities in Kazakhstan); Shlyakhtenok and Skibinska, 2002:35 (Belorussia: no specific locality); Mandery, Kraus, Voith, Wickl, Scheuchl, Schubert, and Warncke, 2003:70 (Germany: in catalog of wasps and bees of Bayern); Mokrousov, 2003:220 (Russia: endangered in Nizhniy Novgorod Oblast'); Wickl, Voith, Mandery, Weber, Kraus, Bausenwein, and Blösch, 2003:195 (Germany: Bayern: extinct or no longer collected); Kazenas, 2004b:110 (Kazakhstan: western Tien Shan), 2004d:34 (Kazakhstan: Ryn-Peski); Shkuratov, 2004a:75 (Russia: Rostov Oblast'), 2004b:165 (Russia: Rostov Oblast': Gosudarstvennyi Muзей-Zapovednik M.A. Sholokhova); Skibińska in Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:357 (in catalog of Polish Crabronidae); Wiśniowski, 2004:52 and 62 (in checklist of Polish Sphecidae); Gayubo and Özbek, 2005:21 (first record from Turkey: Erzurum: University campus, Olur); Mokrousov and Selivanova, 2005:754 (Russia: Voronezh Oblast'); Saure, 2005:19 (Germany: Berlin); Shorenko, 2005a:168 (Ukraine: Crimea); Straka, 2005a:399 (critically endangered in Czech Republic); Yildirim and Ljubomirov, 2005:1793 (Turkey: Kars: Sarıkamış: Karakurt); Budrys, 2007:63 (Lithuania: Varėna District: 3 km S Puvočiai at 54°05'59"N 24°19'24"E); Jacobs, 2007:179 (in key to Crabronidae of Germany); Saure, 2007:83 (Germany: in checklist of Aculeata of Brandenburg); Vepřek and Straka, 2007:209 (in catalog of Sphecidae of Czech Republic and Slovakia); Yildirim and Ljubomirov, 2007:118 (Turkey: Erzurum: Oltu); Danilov, 2008:348 (Russia: Altayskiy Kray: Barnaul area); Ljubomirov and Yildirim, 2008:113 (in catalog of Crabronidae of Turkey); Mokrousov, 2008c:34 (Russia: Nizhniy Novgorod Oblast': locality records); Nemkov, 2008b:25 (in catalog of Crabronidae of Asiatic Russia), 2008c:11 (Russia: first record from Altay Kray: vicinity of Barnaul); Baños-Picón, Asís, Gayubo, and Tormos, 2009:311 (Spain: frequency of specimens collected with hand nets and Malaise traps); Nemkov, 2009b:141 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Shorenko, 2009:369 (in list of Sphecidae *sensu lato* of Crimea); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: first record from Lithuania reported, no longer occurring in Germany and Poland); Mokrousov, 2010a:61 (Russia: Kirov and Nizhniy Novgorod Oblast's, Mordovian Republic, Tatarstan: no specific localities), 2010b:100 (Russia: Kirov and Nizhniy Novgorod oblast's, Mordovian Republic, Tatarstan: no specific localities); Mokrousov and Zryanin, 2010:98 (needs to be protected in Russia: Novgorod Oblast'); Rudoiskatel', 2010:151 (Russia: southern Ural Mountains); Schmid-Egger, 2010a:19 (in red list of Aculeata of Germany: extinct, last collected in 1955); Shorenko and Konovalov, 2010:16 (Ukraine: Khar'kov Oblast': village Konstantinovka); Baghirov, 2011b:143 (Russia: Altayskiy Kray: Biysk); Józán, 2011:184 (in checklist of Sphecidae *sensu lato* of Hungary); Sakenin, Samin, Bagriacik and Rastegar, 2011:3 (Iran: West Azerbaijan: Ourmieh); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 59 (geographic distribution, justification of new synonymy); Akulov and Proshchalykin, 2013:117 (Russia: Siberia: Krasnoyarsk Kray: Minusinsk and 25 km south of Minusinsk); Kazenas, 2013a:120, 121 (color photographs of adult wasps, short information on geographic distribution and nesting habits); Olszewski, Wiśniowski, Pawlikowski, and Szpila, 2013:132 (Poland: Toruń); Pankov, 2013:229 (Russia: Ivanovo Oblast'); Shlyakhtenok, 2013:237 (in annotated catalog of aculeate wasps of Belorussia); Józán, 2014:132 (Croatia: Meka Draga: Kruševo); J.-K. Kim, 2014:424 (in catalog of Sphecidae *sensu lato* of Korean Peninsula); Mokrousov and Vafin, 2014:56 (Russia: Republic of Tatarstan); Protsenko, Fateryga, and Ivanov, 2014:33 (Ukraine: Donetsk Oblast': Belosarayskaya Kosa); Yıldırım, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:43 (Iran: known from West Azerbaijan Province); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae), 2017b:225 (in catalog of Bembicinae of Russia, as *perrisi perrisi*); Shorenko, 2017:80 (in Crimea collected in June through August); Itami, 2018:10 (Japan: Niigata Prefecture); Jacobs and Liebig, 2018:145 (Russia: Primorskiy Kray: Kalinovka); Shorenko, 2018:130 (Crimea, including localities, habitats, and number of specimens); Yildirim and Tezcan, 2018:1708 (Turkey: Kahramanmaraş: Göksun); Akulov, 2019:44 (recorded from Krasnoyarskiy Kray but omitted from there in Annotated catalogue of the Hymenoptera of Russia); Nikolaeva, 2019:143 (Russia: Ryazan Oblast': should remain in Red Book); Ruchin and Antropov, 2019a:13224 (Russia: Mordovia State Nature Reserve); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt,

2020:307 (in Sphecidae Fauna of Europe); Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey); Olszewski, Wiśniowski, and Ljubomirov, 2021:100 (in commented list of Sphecidae *sensu lato* of Poland); Kaplan and Yildirim, 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution); Olszewski, Sparks, Twerd, and Wiśniowski, 2024:5 (central Poland: common in river valleys: no specific localities, critically endangered). – **As *Larra perrisi***: F. Smith, 1856:348 (new generic assignment, in catalog of Hymenoptera in British Museum).

Stizus perrisi Lepeletier de Saint Fargeau, 1845:295, ♀, ♂ (authorship attributed to Dufour), junior primary homonym of *Stizus perrisi* Dufour, 1838. Syntypes: southern France: no specific locality (depository?). Synonymized with *Stizus perrisi* Dufour, 1838 by Handlirsch, 1892:127.

Larra pulcherrima F. Smith, 1856:348, ♀. Holotype or syntypes: ♀, China: Shanghai (BMNH). Synonymized with *Stizus perrisi* by Nemkov, 2012a:59. – **As *Stizus pulcherrimus***: Handlirsch, 1892:172 (new generic assignment, original description translated into German); Dalla Torre, 1897:529 (in catalog of world Sphecidae); R. Turner, 1912b:342 (description of ♂); Sonan, 1930:357 (Japan: Osaka and Honshu); Yasumatsu, 1940:31 (China: Nei Mongol: Kunshan-tagh Desert), 1942c:110 (China: Beijing; Nei Mongol: Apaka at 44°N 114.96°E); Tsuneki, 1943b:37 (nesting habits); Togashi, 1962c:65 (Japan: Ishikawa Prefecture); Evans, 1964b:256 (description of larva); Haneda, 1964b:57 (Japan: Fukui Prefecture); Tsuneki, 1965c:27 (in key to Bembicinae of Japan and Korea), 1965e:1 (nesting habits); Evans, 1966d:118 (synopsis of known behavior); Itami, 1968b:17 (Japan); Tano, 1968:34 (Japan); Itami, 1969:47 (Japan: Niigata Prefecture); Tsuneki, 1971m:8 (China: Beijing: Tiendang; Nei Mongol: Apaka); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Tsuneki, 1976c:1-26 (nesting habits), 1976d:296 (China: Heilungkiang: Cheng 31 km east of Harbin); Kazenas, 1980e:85 (Russia: Primorskiy Kray); Hilchie, 1982:110 (accessory burrows reviewed); Tsuneki, 1982b:18 (known from Korea); Paik, 1985:202 (in list of Sphecidae of Korea); Piek and Spanjer, 1986:190 (in list of Sphecidae with known prey); Steiner, 1986:109 (references to publications on nesting habits); Kazenas in Nemkov, Kazenas, Budrys, et Antropov, 1995:466 (in key to Sphecidae of Russian Far East); Wu and Zhou, 1996a:152 (in revision in Economic Insect Fauna of China); Li and He, 2004:1105 (China: in hymenopterous fauna of Zhejiang Province); Hua, 2006:282 (in list of Chinese insects, geographic distribution); Terayama, 2006:14, 15 (in key to Japanese Bembicinae); Evans and O'Neil, 2007:81 (summary of information on nesting habits); Ohkusa, 2007:35 (Japan: central Honshu: Aichi Prefecture); Nemkov, 2008b:25 (in catalog of Crabronidae of Asiatic Russia); Ohkusa and Tajima, 2008:75 (Japan: central Honshu: Aichi Prefecture); Nemkov, 2009b:141 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Baghirov, 2011b:143 (Russia: recorded from Altayskiy Kray by Kazenas, Mityaev, Matesova, Kulenova, and Zhdanko, 1979); Nemkov, 2012c:447 (in catalog of Crabronidae of Russian Far East).

Stizus pluschtschewskii Radoszkowski, 1888a:333, ♀, ♂ (as *Pluschtschewskii*, incorrect original capitalization). Syntypes: Kazakhstan: Ryn Peski: no specific locality (Kraków?). Synonymized with *Stizus perrisi* by Nemkov, 2012a:59. – Morawitz, 1891:224 (unknown to author); Radoszkowski, 1892:578 (male genitalia); Handlirsch, 1892:119 (as synonym of *Stizus terminalis* Eversmann); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:127 (geographic distribution, collecting localities in Kazakhstan).

As *Stizus conicus*: Schenck, 1861:161 (redescription, Germany: Bayern: Bamberg); Brischke, 1862:101 (Germany: Preussen Province, now Poland: Pomorze Region), corrected to *Stizus perrisi* by Handlirsch, 1895:990; Schenck, 1867a:355 (known from Germany); Yaroshevskiy, 1881:125 (Ukraine: Khar'kiv Oblast': Kupyansk); Brischke, 1888b:98 (Germany: Preussen Province, now Poland: Pomorze Region); Rudow, 1996:329 (Germany: Brandenburg: no specific locality); Lüderwaldt, 1897b:29 (Germany: Gollnow, now Poland: Pomorze Region: Goleniów); Friese, 1920:162 (Germany: Vogesen: Schluchtstrasse, now France: Vosges Département), 1926:160 (in key to Sphecidae of Central Europe, short morphological and biological characteristics, as *conicus* Klug); Pagliano, 2011a:130 (specimens in M. Spinola collection, Torino, are *Stizus fasciatus*).

ssp. *ibericus* de Beaumont

Stizus perrisi ibericus de Beaumont, 1962b:32, ♀. Holotype: ♀, Spain: Sierra Nevada: Laguna Yeguas (Lausanne). – de Beaumont, 1962b:23 (Spain); Ceballos, 1964:93 (in supplement to catalog of Spanish Sphecidae); Suárez, 1969:29 (Spain: Almería Province, determination tentative); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Asís, Gayubo, and Tormos, 1988:289 (description of larva); Asís, Gayubo, and Tormos, 1991c:1331 (nesting habits); Gayubo, Asís, and Tormos, 1991:325 (description of ♂); Gayubo, González, de la Nuez, Asís, and Tormos, 2006:206 (Spain: Salamanca: El Maíllo); Evans and O’Neil, 2007:80 (summary of information on nesting habits); Gayubo, González, Tormos, and Asís, 2008:137 (Spain: Salamanca: Parque Natural de Las Batuecas–Sierra de Francia); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: recent record from Spain reported; France: first record from Landes: Tarnos-plage); Fresno, 2021a:82 (Spain: Salamanca and Teruel provinces).

80. *pictus* Dahlbom

Stizus pictus Dahlbom, 1845:478, ♀. Holotype or syntypes: ♀, Egypt (Stockholm or Lund). – Handlirsch, 1892:172 (original description copied); Dalla Torre, 1897:528 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:257 (in checklist of world Sphecidae); Roche, 2007a:124 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae). – **As *Larra picta***: F. Smith, 1856:348 (new generic assignment, in catalog of Hymenoptera in British Museum).

81. *praestans* F. Morawitz

Stizus praestans F. Morawitz, 1893b:421, ♀, ♂. Syntypes: Tajikistan: Varzaminor 70 km east of Samarkand (ZIN). – Handlirsch, 1895:996 (original description copied); Dalla Torre, 1897:529 (in catalog of world Sphecidae); Kuznetsov-Ugamskij, 1927:246 (Kazakhstan: Khumsan); Gussakovskij, 1933b:290 (Iran), 1935:438 (Tajikistan: Kulab, Gushary and Dora-i-Khodzha in Hissar Range); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 59 (geographic distribution); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:43 (Iran: known from Sistan-o Baluchestan Province); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Mokrousov, Proshchalykin, Aliyev, and Maharramov, 2019:17 (Azerbaijan: Nakhichevan Autonomous Republic); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

82. *pubescens* (Klug)

Larra pubescens Klug in Waltl, 1835:96, ♀, ♂. Syntypes: Spain: Andalusia, and Greece: Corfu: no specific localities (ZMHU). – **As *Stizus pubescens***: Klug in Waltl, 1835:88 (new generic assignment, in list of Hymenoptera of Andalusia); Kirchner, 1867:219 (in catalog of European Hymenoptera); Handlirsch, 1895:998 (study of type material, as synonym of *ruficornis*), 1901:508 (comparison with *Stizus distinguendus*); Mercet, 1906a:152, 156 (in key to Spanish *Stizus*); de Gaulle, 1908:120 (in catalog of French Hymenoptera); Dusmet y Alonso, 1931:8 (Portugal: Mitra); Gussakovskij, 1933b:292 (Iran), 1935:438 (Tajikistan: Sary-Chashma); Giner Marí, 1943a:191 (in Sphecid Fauna of Spain, authorship attributed to Handlirsch); de Beaumont, 1947b:387 (Cyprus); Lohrmann, 1948:426 (illustration of head in frontal view); de Andrade, 1949:18 (Portugal); de Beaumont, 1950d:12 (Egypt: Siwa oasis); Pittioni, 1950:23 (Cyprus); de Beaumont and Bytinski-Salz, 1955:56 (Israel); de Beaumont, 1956a:190 (Libya), 1957b:135 (northern Iran); Grandi, 1957:385 (Libya: Tripolitania: Wadi Kaam; as *pubescens* subsp.); de Beaumont, 1959a:18 (Italy); Diniz, 1959:30 (Portugal: Mitra); Suárez, 1959:55 (Spain: Almería Province); de Beaumont, 1960a:10 (Greece: Island of Rhodes), 1960b:235 (Libya), 1961c:47 (Greece: Island of Crete), 1961e:3 (Iraq), 1962b:22 (Spain); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River); Ceballos, 1964:93 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1965a:25 (Greece); Myartseva, 1965:89 (Turkmenistan: Akibay), 1966:48 (preying on orthopterans); de Beaumont, 1967a:299 (Turkey); Scobiola-Palade, 1968b:141

(Romania: Island of Letea in delta of Danube); de Beaumont, 1969:83 (Turkey); Myartseva, 1972a:88 (Turkmenistan); Diniz, 1973:46 (Portugal: Aljustrel, Lagoa de Albufeira, Trafaria); Bohart and Menke, 1976:526 (as synonym of *Stizus ruficornis* (Forster)); Georghiou, 1977:192 (Cyprus); Islamov and Kazenas, 1979:65 (Uzbekistan: floral records); Scobiola-Palade, 1985:96 (Romania: delta of Danube); Schembri, 1991:179 (Malta); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:263 (in Sphecidae Fauna of Western Europe); Schmid-Egger, 2003:758 (Italy: Basilicata: Lauria; Sicilia: Armerina, Castelammare, Ragusa); Standfuss and Standfuss, 2006c:306 (Greece: Thessalia: Magnissia Peninsula at 39°N 23°E); Ljubomirov and Yildirim, 2008:113 (in catalog of Crabronidae of Turkey); Tüzün and Yüksel, 2010:4473 (Turkey: Niğde Province); Schmid-Egger, Dandria, and Xuereb, 2016:80 (in checklist of Crabronidae of Maltese Islands); Yıldırım, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:43 (Iran: known from Golestan and Tehran provinces); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:308 (in Sphecidae Fauna of Europe); Cross, Baldock, and Wood, 2021:30 (in catalog of Sphecidae *sensu lato* of Portugal); Kaplan and Yildirim, 2021:43 (in catalog of Crabronidae of Turkey), 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey).

ssp. *arenarum* Handlirsch

Stizus arenarum Handlirsch, 1892:154, ♂. Syntypes: Algeria: Mraier Oasis between Biskra and Tugurt (NHMW). – Dalla Torre, 1897:520 (in catalog of world Sphecidae); Morice, 1911:123 (Algeria: Biskra); Nadig, 1933:90 (Morocco: El Hajeb, Marrakech); Guiglia, 1936:5 (Libya: Fezzan: no specific locality), 1942b:232 (Libya); Giner Marí, 1945b:360 (eastern Morocco: Ixmoart, Muley Ali); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae). – **As *Stizus pubescens arenarum***: de Beaumont, 1951e:281 (new status; Morocco), 1956a:190 (sub-specific status confirmed); Ben Khedher, Yildirim, and Braham, 2022:9 (first record from Tunisia: Ben Arous and Mahdia provinces).

83. *quartinae* Gribodo

Stizus quartinae Gribodo, 1884b:275, ♀ (as *Quartinae*, incorrect original capitalization). Holotype or syntypes: ♀, Tanzania: Zanzibar: no specific locality (MSNG). – Handlirsch, 1892:172 (original description translated into German); Dalla Torre, 1897:529 (in catalog of world Sphecidae); W. Schulz, 1911b:177 (redescription); R. Bohart and Menke, 1976: 527 (in checklist of world Sphecidae, original generic assignment given as *Sphecius quartinae*, information in error); Penati and Mariotti, 2015:106 (in list of Hymenoptera described by G. Gribodo).

84. *rapax* Handlirsch

Stizus rapax Handlirsch, 1892:157, ♀. Holotype: ♀, Egypt: no specific locality (NHMW). – Dalla Torre, 1897:529 (in catalog of world Sphecidae); Morice, 1911:123 (Algeria: Biskra); Storey, 1916:109 (Egypt: Maadi); de Beaumont, 1950d:12 (Egypt: Siwa oasis; determination tentative, discussion of species identity); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:124 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae).

85. *richardsi* Arnold

Stizus richardsi Arnold, 1959:324, ♂, ♀. Holotype: ♂, Zambia: Mweru Wantipa (BMNH). Paratypes: Zambia: Abercorn, now Mbala; Tanzania: Rukwa Valley. – R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

86. *rubellus* R. Turner

Stizus rubellus R. Turner, 1912b:342, ♀. Syntypes: Malawi: Domira Bay; Zambia: Fort Jameson, now Chipata, and mouth of Lusangazi River (BMNH). – Arnold, 1929a:304 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

87. rubroflavus R. Turner

Stizus rubroflavus R. Turner, 1916:441, ♀. Holotype or syntypes: ♀, Gambia: no specific locality (BMNH). – Arnold, 1929a:302 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

88. rufescens (F. Smith)

Larra rufescens F. Smith, 1856:349, ♀. Holotype or syntypes: ♀, India or Pakistan: Punjab: no specific locality (BMNH). – F. Smith, 1871a:367 (in catalog of Oriental Aculeata). – **As *Stizus rufescens***: Cameron, 1890b:245 (new generic assignment, in catalog of Oriental Stizini), 246 (India: Barrackpore; redescription); Handlirsch, 1892:138 (in revision of world Bembicinae), 1895:994 (reference to Cameron, 1890); Bingham, 1897:281 (redescription); Dalla Torre, 1897:529 (in catalog of world Sphecidae); Rothney, 1903:105 (India: West Bengal: Barrackpore); Maxwell-Lefroy, 1909:209 (India: common in plains); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Krombein, 1984b:13 (in revision of Sri Lankan Stizini); van Vondel, 1995:30 (specimens from India in Natuurmuseum Rotterdam); Hua, 2006:282 (in list of Chinese insects, geographic distribution).

89. ruficornis (J. Forster)

Vespa ruficornis J. Forster, 1771:90, sex not stated. Holotype or syntypes: Spain: "ad fretum Gaditanum", now Cádiz (depository unknown). – van der Vecht, 1959a:68 (nomenclatural history). – **As *Larra ruficornis***: Taschenberg, 1875:361 (new generic assignment, Italy: no specific locality). – **As *Stizus ruficornis***: Jurine, 1807:178 (new generic assignment, in list of *Stizus*); Dahlbom, 1843:151 (in revision of Sphecidae and Pompilidae), 1845:477 (in key to *Stizus*); Eversmann, 1849:390 (Russia: Orenburg Governorate); Lucas, 1849:264 (Algeria: Oran); A Costa, 1888:3 (in key to Italian *Stizus*); F. Morawitz, 1891a:218 (Russia: Astrakhan Governorate; redescription); De Stefani Perez, 1895:227 (in catalog of Sicilian Hymenoptera, as *ruficornis* Latr.); Graeffe, 1906:455 (Tunisia: Tunis area); von Schulthess, 1909:442 (Libya: Dernah); Zavattari, 1912:3 (Italy: Sardegna: Pantaleo), 1913b:3 (Greece: Island of Rhodes); Fahringer, 1922:180 (Turkey); Berland, 1925d:77 (in Sphecid Fauna of France); von Schulthess, 1926b:217 (Tunisia, Libya); Berland, 1928b:176 (correction to key in Berland, 1925d); van der Vecht, 1961a:52 (nomenclatural history); de Beaumont, 1962b:22 (Spain); Ceballos, 1964:93 (in supplement to catalog of Spanish Sphecidae); Evans, 1966d:126 (summary of behavioral information); Valetta, 1971:46 (Malta); Diniz, 1973:47 (Portugal: fourteen localities); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Pulawski, 1978:206 (in key to Sphecidae of European part of USSR); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 1980:116 (Italy: Calabria); Gayubo, 1982e:107 (Spain: Cádiz Province), 1983e:235 (Spain: Salamanca Province); Schmidt and Westrich, 1983:124 (Greece); Gayubo, 1984c:379 (Portugal: El Algarve Province), 1985c:171 (Spain: Valladolid: Traspinedo); Gayubo and Tormos, 1984:21 (Spain: Valencia); Chevin and Chevin, 1985:39 (France: Aude); Gayubo, 1986a:65 (Spain: Ciudad Real Province), 1986b:40 (Spain: Andalucía); Gayubo and Heras, 1986:61 (Spain: Segovia and Valladolid Provinces; floral records); Islamov, 1986:522 (Uzbekistan: Tashkent Oblast'); Steiner, 1986:109 (references to publications on nesting habits); Tormos and Jiménez, 1987a:126 (Spain: Valencia), 1987b:316 (Spain: Valencia: Dehesa de El Saler); Guichard, 1989b:157 (variation; Oman, Saudi Arabia, United Arab Emirates); Islamov, 1989a:50 (prey: Mantidae and Acrididae); Scobiola-Palade, 1989:87 (Romania: delta of Danube); Gayubo, Asís, and Tormos, 1990b:78 (Spain); Pagliano, 1990:75 (in catalogue of Italian Sphecidae); Gayubo, Borsato, and Osella, 1991:416 (Italy: Calabria: Melito); Guichard, 1991a:339 (Jordan, individual variation); Schembri, 1991:179 (first record from Malta); Pagliano, 1992:45 (in key to Italian Nyssoninae); Kazenas, 1992c:28 (Turkmenistan: Repetek Nature Reserve); Torregrosa, Gayubo, Tormos, and Asís, 1993:20 (Spain: Alicante Province); Tormos, Asís, and Gayubo, 1994:189, 220 (Spain: Albacete Province); Negrisolo in Minelli, Ruffo, and La Posta, 1995b:5 (in catalog of Italian fauna); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:264 (in Sphecid Fauna of Western Europe); Nazarova and Shomirsaidov, 1997:24 (Tajikistan: fruit tree orchards in Vakhsh River valley); Nazarova, 1998:41 (Tajikistan: Tigrovaya Balka Nature Reserve); Shkuratov, 1998:97 (Russia: Rostov Oblast', as *ruficornis* Klug); Ka-

zenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 231 (review of known biology); Gadallah, 2001:255-265 (skeletal parts of sting apparatus); Kazenas, 2002a:127 (geographic distribution, collecting localities in Kazakhstan); Drewes, 2003:142 (Spain: Tarragona); Schmid-Egger, 2003:758 (Malta: Ramla); Gadallah and Assery, 2004a:219 (Saudi Arabia: in key to Sphecidae of Jeddah Region), 228 (in catalog of Sphecidae of Saudi Arabia); Gorobchishin, 2004:34 (Ukraine: Zaporiz'ka Oblast': Obitichna Kosa Nature Reserve); Gorobchishin and Protsenko, 2004:40 (first record from Ukraine: Kherson Oblast': Chernomorskiy Nature Reserve); Kazenas, 2004b:111 (Kazakhstan: western Tien Shan), 2004d:35 (Kazakhstan: northern Caspian region); Nazarova, 2004:107 (Tajikistan: Badakhshan Region: Rushan District: villages Dasht and Visav in Bartang River valley); Shkuratov, 2004a:75 (Russia: Rostov Oblast'); Gayubo and Özbek, 2005:21 (Turkey: many localities); Pagliano and Negrisolo, 2005:182 (in Sphecid Fauna of Italy); Yildirim and Ljubomirov, 2005:1793 (Turkey: Erzurum, İçel, and Konya provinces); Magdalou, 2006b:109 (France: Pyrénées-Orientales: Mas Larrieu Nature Reserve near Argelès-sur-Mer), 2006c:8 (France: Pyrénées-Orientales: Réserve Naturelle du Mas-Larrieu); Kazenas, 2007a:92 (Kazakhstan: Akmala Oblast': Kurgandzhin Nature Reserve and vicinity); Roche, 2007a:122 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae, as *ruficornis ruficornis*, redescription), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae, as *ruficornis ruficornis*); Yildirim and Ljubomirov, 2007:118 (Turkey: İçel: Aydıncık); Gayubo, González, Tormos, and Asís, 2008:137 (Spain: Salamanca: Parque Natural de Las Batuecas–Sierra de Francia); Kazenas, 2008c:255 (Kazakhstan: village Koktum south of Lake Alakol'); Ljubomirov and Yildirim, 2008:114 (in catalog of Crabronidae of Turkey); Baños-Picón, Asís, Gayubo, and Tormos, 2009:311 (Spain: frequency of specimens collected with hand nets and Malaise traps); Gayubo, González, Tormos, and Asís, 2009:365 (Spain: Valladolid: Reserva Natural Riberas de Castronuño–Vega del Duero); González, Gayubo, Asís, and Tormos, 2009:625 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: recent records from Italy and Malta reported); Rudoiskatel', 2010:151 (Russia: southern Ural Mountains); Murai and Amr, 2011:111, 120 (first record from Syria: Al Thawrah Nature Reserve at 35°51'N 28°38'E); Pagliano, 2011a:129, 131 (specimens in M. Spinola collection, Torino, are *Stizus fasciatus* and *Stizus ruficornis*); Schmid-Egger, 2011b:590 (United Arab Emirates: Sharjah Desert Park, near Sweihan); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 60 (geographic distribution, corrections to previous identifications), 2012b:122 (review of known prey); Yildirim, 2012:77 (Turkey: Erzurum: Oltu; Iğdır: Tuzluca); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Kazenas, 2013a:117, 118 (color photographs of adult wasps, short information on geographic distribution and nesting habits), 2013b:498 (southeastern Kazakhstan: Ili River valley and adjacent semi-deserts and deserts), 2014a:138 (Kazakhstan: Karatau Mountain Range); Protsenko, Fateryga, and Ivanov, 2014:33 (Crimea: Saky District: Karatobe); Yildirim, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Schmid-Egger, Dandria, and Xuereb, 2016:80 (in checklist of Crabronidae of Maltese Islands); Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:19 (Turkey: Denizli: Çivril: Çakallar); Gros, 2017:233 (nesting habits); Jahanigh, Rakhshani, Mokhtari, and Ramroodi, 2017:43 (Iran: known from Guilan Province); Magdalou, 2017:16 (France: Pyrénées-Orientales: Réserves Naturelles Catalanes: Mas Larrieu); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae), 2017b:225 (in catalog of Bembicinae of Russia, as *ruficornis ruficornis*); Shorenko, 2017:80 (in Crimea collected in August), 2018:130 (Crimea, including localities, habitats, and number of specimens); Mokrousov, Proshchalykin, Aliyev, and Maharramov, 2019:17 (Azerbaijan: Nakhichevan Autonomous Republic); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:309 (in Sphecid Fauna of Europe); Gadallah, 2020b:32 (in list of aculeate wasps of Arabian Peninsula); Cross, Baldock, and Wood, 2021:31 (in catalog of Sphecidae *sensu lato* of Portugal); Kaplan and Yildirim, 2021:44 (in catalog of Crabronidae of Turkey); Ben Khedher, Yildirim, and Braham, 2022:9 (in checklist of Bembicinae of Tunisia, as *ruficornis ruficornis*); Embergenov, Akhmedov, and Medetov, 2023:25 (Uzbekistan: southern Lake Aral region); Kaplan and Yildirim, 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey); Gadallah

and Abu El-Ghiet, 2024:80 (Saudi Arabia: Jazan Province: Abu Arish); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:428 (Uzbekistan: distribution).

Bembex ruficornis Fabricius, 1787:286, sex not stated, junior secondary homonym of *Vespa ruficornis* J. Forster, 1771 and of *Tiphia ruficornis* Fabricius, 1787. Lectotype: ♂, Spain: no specific locality (ZMUC), designated by van der Vecht, 1961a:52. Synonymized with *Vespa ruficornis* J. Forster by van der Vecht, 1959a:68. – Olivier, 1789:291 (redescription, France: Provence Region): R. Bohart and Menke, 1965a:255 (petition to International Commission on Zoological Nomenclature to designate *Bembex ruficornis* as type species of *Stizus*). – **As *Vespa ruficornis***: de Villers, 1789:278 (new generic assignment, redescription). – **As *Stizolarra ruficornis***: de Saussure, 1892:469 (new generic assignment, Madagascar). – **As *Stizus ruficornis***: Spinola, 1806:74 (new generic assignment, Italy: Liguria: Genova); Latreille, [1805]:303 (redescription); Vander Linden, 1829:16 (bibliographic references, southern France, Italy, Spain); Ghiliani, 1842:25 (listed from Italy: Sicilia: Catania); Lepeletier de Saint Fargeau, 1845:291 (in revision of world Hymenoptera); A. Costa, 1859:11 (Italy: in revision of Sphecidae of Kingdom of Naples); Sichel, 1861:752 (Italy: Sicilia); A. Costa, 1867c:48 (in revision of Italian Sphecidae); Kirchner, 1867:219 (in catalog of European Hymenoptera); A. Costa, 1869b:65 (in revision of Italian Nyssoninae); Palma, 1869:40 (Italy: Sicilia settentrionale); Dours, 1874:148 (in catalog of Hymenoptera of France); Marquet, 1875:208 (France: Hérault: Cette, now Sète); Becker, 1880:153 (Russia: Sarepta, now Krasnoarmeysk south of Volgograd); Marquet, 1881:181 (southern France); Radoszkowski, 1881:208 (Angola, as *ruficorne* Latreille); De Stefani Perez, 1886:171 (Italy: Sicilia: monte di Renda near Palermo, as *ruficornis* Latreille); Handlirsch, 1892:150 (in revision of world Bembicinae); Sickmann, 1894:202 (China: Hopei Province: Tientsin); Handlirsch, 1895:998 (additional bibliography; de Saussure's record from Madagascar is improbable); Acloque, 1897:95 (in Sphecidae Fauna of France and Algeria); Cuní y Martorell, 1897:332 (Spain: Cataluña: villa de Calella, as *ruficornis* Latreille); Dalla Torre, 1897:529 (in catalog of world Sphecidae); Antiga and Bofill, 1904:18 (Spain: Cataluña Province); W. Schulz, 1904b:95 (Spain: Crimea: Yalta), 1905b:20 (Morocco: Tanger area); de Gaulle, 1908:120 (in catalog of French Hymenoptera); Smits van Burgst, 1913a:319 and 1913b:5 (Tunisia: no specific locality); Dusmet y Alonso, 1915:88 (Spain: Aragón); Morice, 1921:823 (Iran: Enzeli, Talish); Berland, 1925d:77 (in Sphecidae Fauna of France); Coulon, 1925:118 (France: Castelnau; Spain; Morocco: Tanger; Turkey: Istanbul); Zanon, 1926:89 (Libya: Fueihat 15 km south of Benghazi); Kruger, 1929a:21 and 1929b:56 (Libya: Cyrenaica: Giarabub); Picard, 1930:42 (France: not found in Hérault Department); Guiglia, 1934b:299 (Libya: bibliography and summary of locality records); de Beaumont, 1951e:281 (is the senior synonym of *Stizus distinguendus*); Balthasar, 1954b:276 (Palestine: Jerusalem); Ceballos, 1956:389 (in catalog of Hymenoptera of Spain); Suárez, 1959:55 (Spain: Almería Province); de Beaumont, 1960b:235 (Libya); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River); Scobiola, 1963:823 (Romania: Periprava in Danube delta, redescription); Myartseva, 1965:89 (Turkmenistan: Akibay, Karabata, and Sakar-Chagin district); Balthasar, 1972:361 (in Sphecidae Fauna of Czechoslovakia: not yet found in country); Kazenas, 1972b:145 (Kazakhstan); Myartseva, 1972a:88 (Turkmenistan); Diniz, 1973:47 (Portugal); Erlandsson, 1974:68 (France); Kazenas, 1974b:109 (feeding on flowers of *Cynanchum sibiricum* Willd., Asclepiadaceae, in Kazakhstan), 110 (feeding on flowers of *Euphorbia* spp., Euphorbiaceae, in Kazakhstan); Myartseva, 1976:75 (nesting habits); Kazenas, 1978b:81, 82 (in key to Sphecidae of Kazakhstan and Central Asia); Nazarova, 2005:94 (alfalfa fields in southwestern Tajikistan); Kazenas, 2013a:117 (color photograph of adult wasps, short information on geographic distribution and nesting habits). – **As *Larra ruficornis***: F. Smith, 1856:350 (new generic assignment, in catalog of Hymenoptera in British Museum).

Vespa gaditana Gmelin, 1790:2765. Substitute name for *Vespa ruficornis* (Fabricius, 1787) Gmelin, 1790:2769, a junior homonym of *Vespa ruficornis* Forster, 1771.

Larra ferruginea F. Smith, 1856:342, ♂. Holotype or syntypes: ♂, Gambia: no specific locality (BMNH). Synonymized with *Stizus ruficornis* by Guichard, 1989b:157. – **As *Stizus ferrugineus***: nec Handlirsch, 1892:159 (= *Stizus zonatus*); P. Roth, 1922b:292 (new generic assignment, Algeria: Saoura); Arnold, 1929a:310 (in revision of *Stizus* of southern Africa), 1930:20 (in checklist of Afrotropical Sphecidae); Mochi, 1939b:209 (in revision of Egyptian

Stizus); Guiglia, 1940e:291 (Ethiopia: Harer: Gota); Giner Marí, 1945b:363 (Morocco: Western Sahara: El Aiun); Arnold, 1951:132 (Ethiopia: Meisso); de Beaumont and Bytinski-Salz, 1955:56 (Israel); Guiglia, 1959:314 (Somalia, redescription); Balthasar, 1954b:276 (Palestine: Wadi el Kelt near Jericho); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae); Roche and Zalut, 1994:116 (Egypt: Sinai Peninsula); Seyoum and Pulawski, 2001:322 (potential control agent of acridid pests in Ethiopia); S. Gess and F. Gess, 2003:120 (determination tentative, Namibia: visiting flowers of *Asclepias buchenaviana* Schinz., Apocynaceae).

Stizus ritsemae Handlirsch, 1895:1000, ♀ (as *Ritsemae*, incorrect original capitalization). Holotype: ♀, West Africa: "St. George d'Elmina" (RMNH). Tentatively synonymized with *Stizus ferrugineus* by R. Bohart and Menke, 1976:526 – Dalla Torre, 1897:529 (in catalog of world Sphecidae); R. Turner, 1916d:440 (Nigeria); Arnold, 1929a:313 (original description copied, similar to *Stizus ferrugineus*), 1930:20 (in checklist of Afrotropical Sphecidae, as *Ritsemae*), 1951:132 (Ghana: Accra, as *ritsemae*); R. Bohart and Menke, 1976:526 (in checklist of world Sphecidae as questionable synonym of *Stizus ferrugineus*).

Stizus ritsemae Handlirsch, 1896:110, ♀ (as *Ritsemae*, incorrect original capitalization). Objective synonym of *Stizus ritsemae* Handlirsch, 1895.

Stizus komarovi Radoszkowski, 1888a:332, ♀, ♂ (as *Komarovi*, incorrect original capitalization). Syntypes: origin not stated but probably Turkmenistan because dedicated to General Komarov (Kraków?). Synonymized with *Stizus ruficornis* Fabricius by Handlirsch, 1892:150.

Stizus scutellaris W.F. Kirby, 1900:16, ♀. Holotype: ♀, Yemen: Island of Sokotra: Dahamis (BMNH). Synonymized with *Stizus ruficornis* by R. Turner, 1912b:340. – W.F. Kirby, 1903:243 (Island of Socotra, redescription); Kohl, 1906a:212 (Yemen: Island of Socotra, redescription); Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group).

Stizus distinguendus Handlirsch, 1901c:507, ♀, ♂. Syntypes: Spain: Barcelona; southern France: no specific locality (NHMW). Synonymized with *Stizus ruficornis* Fabricius by de Beaumont, 1951e:281. – Mercet, 1906a:153, 157 (in key to Spanish *Stizus*); Dusmet y Alonso, 1915:88 (Spain: Aragón); Berland, 1925d:77 (in Sphecid Fauna of France); von Schulthess, 1926b:217 (Tunisia); Dusmet y Alonso, 1927:25 (Spain: Cataluña: Tarragona); Berland, 1928b:176, 177 (correction to key in Berland, 1925d); Picard, 1930:42 (France: Hérault: littoral sand dunes up to Bédarieux; Landes: Saint Sever); Bischoff, 1931:9 (Spain); Dusmet y Alonso, 1931:8 (Portugal: Lavos); Maidl, 1933b:126 (Morocco); Nadig, 1933:90 (Morocco); Giner Marí, 1934:132 (Spain); Bernard, 1935:63 (France: Var: Fréjus area); Dusmet y Alonso, 1935:80 (Spain: Zaragoza: Ambel); Guiglia, 1937:186 (Libya: Cyrenaica: Zauiet Msus); Deleurance, 1941:281 (France: Camargue), 283 (diagnostic characters, nesting, and prey); Guiglia, 1942b:232 (Libya); Giner Marí, 1943a:191 (in Sphecid Fauna of Spain); Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group); Timon-David, 1943:29 (France: Bouches-du-Rhône: plage de Fos); Deleurance, 1946b:63 (prey: mantids), 67 (France: Bouche-du-Rhône: Camargue: Bois des Rièges); de Andrade, 1949:18 (Portugal); de Beaumont, 1951e:281 (as synonym of *Stizus ruficornis*); Cleu, 1953:50 (France: Ardèche River basin); Hertzog, 1954:100 (France: Bouches-du-Rhône: Camargue); Ceballos, 1956:388 (in catalog of Sphecidae of Spain); Hertzog, 1956:181 (carrying prey dorsum up, not keeping it with mandibles); Morel, Nouvel, and Ribaut, 1956:338 (France: Département des Pyrénées-Orientales); Nouvel and Ribaut, 1958:11 (France: Pyrénées-Orientales: Banyuls-sur-Mer area); Diniz, 1959:30 (Portugal: Lisboa, Massorra, Mata de Lavos, Troia); Evans, 1966d:126 (summary of known behavioral information); Scobiola-Palade, 1966a:160 (first record from Romania: Tulcea District: Periprava), 1967a:161 (Romania: Constanța District: Hagieni), 1967b:39 (Romania: Island of Letea in delta of Danube), 1968b:141 (Romania); Simon Thomas, 1972:179 (France: Gironde); Scobiola-Palade, 1985:95 (Romania: delta of Danube).

ssp. *ornatus* Lepeletier de Saint Fargeau

Stizus ornatus Lepeletier de Saint Fargeau, 1845:294, ♀, ♂. Syntypes: Algeria: Oran (M. Spinola collection, Torino). – Lucas, 1849:264 (Algeria: Alger, La Calle, now El Kala, Oran; original description copied with modifications);

Dours, 1874:148 (in catalog of Hymenoptera of France); Olivier, 1910:163 (Algeria: Saïda); Bradley, 1957:44 (Lepeletier's specimens in M. Spinola collection, Turin); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:129 (specimens in M. Spinola collection, Torino, are *Stizus ruficornis*). – **As *Stizus ruficornis ornatus***: de Beaumont, 1951e:281 (new status; Morocco). – **As *Larra ornata***: F. Smith, 1856:347 (new generic assignment, in catalog of Hymenoptera in British Museum).

ssp. *strigatus* Mochi

Stizus strigatus Mochi, 1939b:211, ♀, ♂. Syntypes: ♀, Egypt: Solum (Ministry of Agriculture of Egypt). – **As *Stizus ruficornis strigatus***: de Beaumont, 1960b:236 (new status); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:123 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Ben Khedher, Yildirim, and Braham, 2022:9 (first record from Tunisia: Tunis area).

Stizus ruficornis eremicus Bytinski-Salz in de Beaumont and Bytinski-Salz, 1955:55, ♀, ♂. Holotype: ♂, Israel: Beer-sheba (H. Bytinski-Salz coll., now Tel Aviv Univ.). Synonymized with *Stizus ruficornis strigatus* by de Beaumont, 1960b:236. – Bohart and Menke, 1976:527 (in checklist of world Sphecidae);

90. *rufipes* (Fabricius)

Liris rufipes Fabricius, 1804:229, sex not stated. Holotype: ♂, Morocco: Mogador (ZMUC). – **As *Larra rufipes***: Kohl in Dalla Torre, 1987:673 (new generic assignment, in catalog of world Hymenoptera). – **As *Stizus rufipes***: Vander Linden, 1829:19 (new generic assignment, bibliographic references, France: Provence, as *rufipes* Olivier); Ghiliani, 1842:25 (listed from Italy: Sicilia: Siracuse); Lepeletier de Saint Fargeau, 1845:299 (in revision of world Hymenoptera); Lucas, 1849:265 (Algeria: Oran); Palma, 1869:40 (Italy: Sicilia settentrionale); Marquet, 1881:181 (France: Hérault: Cette, now Sète); Dours, 1874:148 (in catalog of Hymenoptera of France); Acloque, 1897:94 (in Sphecid Fauna of France and Algeria); van der Vecht, 1961a:52 (study of type); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 1992:45 (in key to Italian Nyssoninae); Negrisolò in Minelli, Ruffo, and La Posta, 1995b:5 (in catalog of Italian fauna); Pagliano and Scaramozzino, 1995:731 (Italy: Island of Lampedusa); Pagliano and Negrisolò, 2005:183 (in Sphecid Fauna of Italy); Bitsch, 2010:116 (in supplement to vol. II of Faune de France, 1997: recent record from island of Lampedusa reported; unique coloration: two apical gastral terga all black); Pagliano, 2011a:133 (specimens in M. Spinola collection, Torino, are *Stizoides crassicornis*); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Bitsch, Barbier, and Jacobs in Bitsch, Barbier, Gayubo, Jacobs, Leclercq, and Schmidt, 2020:309 (in Sphecid Fauna of Europe).

Stizus grandis Lepeletier de Saint Fargeau, 1845:293, ♀, ♂, junior primary homonym of *Stizus grandis* Say, 1823. Syntypes: Algeria: Oran (depository?) Synonymized with *Stizus rufipes* by de Beaumont, 1951e:282. – Lucas, 1849:263 (Algeria: Constantine, La Calle, now El Kala, Oran, original description copied with modifications); Dours, 1874:148 (in catalog of Hymenoptera of France); Handlirsch, 1892:123 (in revision of world Bembicinae); Schmiedeknecht, 1896:163 (Algeria: Hammam-Bou-Hadjar); Dalla Torre, 1897:525 (in catalog of world Sphecidae); Handlirsch, 1898b:489 (Algeria: Oran Province); Olivier, 1910:163 (Algeria: Saïda); Morice, 1911:121 (Algeria: Biskra); Zanon, 1926:89 (Libya: Fueihat 15 km south of Benghazi); von Schulthess, 1926b:216 (Algeria: Biskra); Nadig, 1933:88 (Morocco: Marrakech, Tizi n'Tischka; prey: *Ailopus thalassinus* (Fabricius), Acrididae); Guiglia, 1934b:299 (Libya: bibliography and summary of locality records); de Beaumont, 1950f:400 (Algeria), 1951e:282 (Morocco); Bradley, 1957:44 (type material in M. Spinola collection, Turin); Guiglia, 1957:145 (Italy: Isole Pelagie); Grandi, 1959b:286 (Algeria: Maafa); Guiglia, 1960:361 (Italy: Isole Pelagie: Island of Lampedusa); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 1990:76 (in catalogue of Italian Sphecidae), 2011:129 (specimens in M. Spinola collection, Torino, are *Stizus rufipes*). – **As *Larra grandis***: F. Smith, 1856:344 (new generic assignment, in catalog of Hymenoptera in British Museum).

Stizus gigas Walsh and Riley, 1868:8.

91. *rufiventris* Radoszkowski

Stizus rufiventris Radoszkowski, 1877:36, ♀, ♂. Syntypes: Uzbekistan: Zaravshan valley, Samarkand; Kazakhstan: Syr-Daria steppe (ZMMU). – Radoszkowski, 1886a:34 (Turkmenistan, male genitalia), 1892:578 (male genitalia); Handlirsch, 1892:117 (in revision of world Bembicinae); Dalla Torre, 1897:530 (in catalog of world Sphecidae); von Schulthess, 1926b:216 (Algeria: Biskra); Gussakovskij, 1933b:391 (Iran); Kazenas, 1972b:145 (Kazakhstan), 1974b:109 (feeding on flowers of *Cynanchum sibiricum* Willd., Asclepiadaceae, in Kazakhstan); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 1978b:82, 83 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:206 (in key to Sphecidae of European part of USSR); Islamov, 1986:522 (Uzbekistan: Surkhandarya and Tashkent Oblast's); Nazarova, 1998:41 (Tajikistan: Tigrovaya Balka Nature Reserve), Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia), 231 (review of known prey), 2002a:128 (geographic distribution, collecting localities in Kazakhstan), 2004d:35 (Kazakhstan: northern Caspian region); Nazarova, 2005:94 (alfalfa fields in southwestern Tajikistan); Shorenko, 2005a:168 (Ukraine: Crimea), 2009:369 (in list of Sphecidae *sensu lato* of Crimea); Rudoiskatel', 2010:151 (Russia: southern Ural Mountains, as *rufiventris* Cresson); Nemkov, 2012a:56, 57 (in key to *Stizus* of Russia and neighboring countries), 60 (geographic distribution, justification of new synonymy), 2012b:122 (review of known prey); Kazenas, 2013a:119 (color photograph of adult wasp, short information on geographic distribution and nesting habits), 2013b:498 (southeastern Kazakhstan: Borandysu 30 km east of Chilik, middle course of Sharyn River); Atbaei, Fallahzadeh, and Ljubomirov, 2015:24 (Iran: Fars Province); Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:19 (Turkey: Mersin: Aydıncık); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:43 (Iran: known from Fars and South Khorasan provinces); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae), 2017b:225 (in catalog of Bembicinae of Russia, as *rufiventris rufiventris*); Mokrousov, Proshchalykin, Aliyev, and Maharramov, 2019:17 (Azerbaijan: Nakhichevan Autonomous Republic); Kaplan and Yildirim, 2021:44 (in catalog of Crabronidae of Turkey); Embergenov, Akhmedov, and Medetov, 2023:25 (Uzbekistan: southern Lake Aral region); Kaplan and Yildirim, 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey).

Stizus sarmaticus F. Morawitz, 1891a:222, ♂. Syntypes: Russia: Khanskaya Stavka, now Urda north of Astrakhan' (ZIN). Synonymized with *Stizus rufiventris* by Handlirsch, 1892:117.

Stizus kaszabi Tsuneki, 1971k:202, ♂, ♀. Holotype: ♂, Mongolia: Bayanhongor Aymag: Tsagan Bogd ul (TMB). Synonymized with *Stizus rufiventris* by Nemkov, 2012a:60. – R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

ssp. compar Handlirsch

Stizus rufiventris var. *compar* Handlirsch, 1892: 118, ♀. Holotype or syntypes: ♀, Georgia: Tiflis, now Tbilisi (State Museum of Georgia, Tbilisi?). – Dalla Torre, 1897:530 (in catalog of world Sphecidae); Gussakovskij, 1933b:290 (Iran). – **As *Stizus rufiventris compar***: Gussakovskij, 1952:270 (new status, Transcaspia; prey: *Calliptamus italicus* L., Acrididae); de Beaumont, 1970c:8 (Iran: Khorasan); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:124 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae).

92. *rufocinctus* Dahlbom

Stizus rufocinctus Dahlbom, 1845:478, ♂. Holotype or syntypes: ♂, Egypt: no specific locality (Stockholm). – Handlirsch, 1892:173 (original description copied); Dalla Torre, 1897:530 (in catalog of world Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:124 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae). – **As *Larra rufocincta***: F. Smith, 1856:350 (new generic assignment, in catalog of Hymenoptera in British Museum).

93. *rufoniger* Mochi

Stizus rufoniger Mochi, 1939b:205, sex not stated but presumably ♀ according to Fig. 12. Syntypes: Egypt: no specific locality (originally A. Mochi coll., now USNM). – R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:120 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae).

94. *saussurei* Handlirsch

Stizus saussurei Handlirsch, 1895:990, ♂ (as *Saussurei*, incorrect original capitalization). Syntypes: ♂, South Africa: Cape Province (Eastern or Western?): no specific locality (MHNG). – Dalla Torre, 1897:530 (in catalog of world Sphecidae); Arnold, 1929a:300 (original description translated into English), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

95. *savignyi* Spinola

Stizus savignyi Spinola, 1839:471, ♀, ♂ (as *Savignyi*, incorrect original capitalization). Lectotype: ♀, Egypt: no specific locality (M. Spinola collection, Torino), designated by de Beaumont, 1952e:46. – Lepeletier de Saint Fargeau, 1845:296 (in revision of world Hymenoptera); Radoszkowski, 1871:199 (Iran: Astrabad, now Gorgan); de Beaumont and Bytinski-Salz, 1955:54 (Israel); de Beaumont, 1956a:191 (Libya), 1962c:222 (Saudi Arabia: El Riyadh); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Casolari and Casolari Moreno, 1980:115 (specimens in M. Spinola collection, Torino); Roche, 1981:4 (in checklist of Sphecidae of United Arab Emirates); Al-Houty, 1989:164 (Kuwait); Guichard, 1989b:158 (Oman, Saudi Arabia, United Arab Emirates, Eritrea); Roche and Zalut, 1994:116 (Egypt: Sinai Peninsula); Al-Houty, 1997:161 (Kuwait: no specific locality); Gadallah, 2001:255-265 (skeletal parts of sting apparatus); Gadallah and Assery, 2004a:220 (in key to Sphecidae of Jeddah Region, Saudi Arabia), 228 (in catalog of Sphecidae of Saudi Arabia: north of Jeddah), 2004b:1397 (skeletal parts of sting apparatus); Roche, 2007a:120 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae, redescription), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2011b:590 (recorded from United Arab Emirates by Guichard, 1989b); Pagliano, 2011a:128 (specimens in M. Spinola collection, Torino, are lectotype and paralectotypes of *Stizus savignyi*); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Schmid-Egger, 2014:609 (Oman: Nizwa), 612 (color photograph of female); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:44 (Iran: known from Golestan Province); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:33 (in list of aculeate wasps of Arabian Peninsula); Madl, 2023:248 (in catalog of Crabronidae of Eritrea).

Larra succinea Klug, 1845:[21], pl. 46, fig. 3, ♀, ♂. Syntypes: Sudan: Ambukohl on Nile west of Korti (ZMHU). Synonymized with *Stizus savignyi* by de Beaumont, 1952e:46. – F. Smith, 1856:350 (in catalog of Hymenoptera in British Museum); Taschenberg, 1875:363 (Egypt, as *succincta*); D. Baker, 1997b:186 (in catalog of insects described by Klug, 1945). – **As *Stizus succineus*:** Magretti, 1884c:592 (new generic assignment, Eritrea: Khor Cheru); Handlirsch, 1892:144 (in revision of world Bembicinae), 1895:994 (study of type); Dalla Torre, 1897:531 (in catalog of world Sphecidae); Storey, 1916:109 (Egypt: Ghiza, Maadi, Mallaha, Zeitun); Maidl, 1913:561 (Egypt: Aswan); P. Roth, 1922b:292 (Algeria: In-Salah); Maidl, 1924:241 (Sudan: Lebu); Guiglia, 1932d:479 (Libya: Cufra), 1934b:300 (Libya: bibliography and summary of locality records), 1936:5 (Libya: Cufra, variation); Mochi, 1939b:200 (in revision of Egyptian *Stizus*); Guiglia, 1942b:232 (Libya); de Beaumont, 1950d:10 (Egypt: Siwa oasis).

96. *schmiedeknechti* Handlirsch

Stizus schmiedeknechti Handlirsch, 1898b:489, ♂ (as *Schmiedeknechti*, incorrect original capitalization). Holotype: ♂, Egypt: Cairo (NHMW). – R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:124 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Am-

pulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae).

97. *sexfasciatus* (Fabricius)

Bembex sexfasciata Fabricius, 1793:251, sex not stated. Holotype: ♂, India: no specific locality (ZMUC). – Fabricius, 1796:19 (in Index to his Entomologia Systematica, 1793); Lichtenstein, 1796:205 (in auction catalog); Fabricius, 1804:226 (redescription). – **As *Stizus sexfasciatus***: Dahlbom, 1845:XXIII (specimens in collection Fabricius are *Stizus*), 476 (new generic assignment, in key to world *Stizus*); Handlirsch, 1892:121 (in revision of world Bembicinae); Dalla Torre, 1897:531 (in catalog of world Sphecidae); van der Vecht, 1961a:52 (study of holotype); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

98. *spectrum* Handlirsch

Stizus spectrum Handlirsch, 1901c:508, ♀. Holotype: ♀, Afghanistan: Kushka (NHMW). – Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group); Myartseva, 1963b:60 (Turkmenistan: lower Murgab River), 1965:89 (Turkmenistan: Bayram-Ali district, Akibay), 1972a:89 (Turkmenistan); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia); Nemkov, 2012a:56 (in key to *Stizus* of Russia and neighboring countries), 60 (geographic distribution, justification of new synonymy); Dunford, Turbyville, and Leavengood, 2014:10 (listed as medically important in Afghanistan); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae).

Stizus kiseritzkii Gussakovskij, 1928a:13, ♀. Syntypes: ♀, Turkmenistan: Yolatan station near Mary, and Transcaspia: no specific locality (ZIN). Synonymized with *Stizus spectrum* by Nemkov, 2012a:60. – Lohrmann, 1943:195 (in checklist of recently described *Stizus*, member of *Stizus pubescens* species group); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Kazenas, 2001b:48 (in checklist of Sphecidae of Kazakhstan and Central Asia).

99. *spinulosus* Radoszkowski

Stizus spinulosus Radoszkowski, 1876b:186, ♀. Syntypes: ♀, Egypt: no specific locality (Kraków). – Handlirsch, 1892:167 (in revision of world Bembicinae); Dalla Torre, 1897:531 (in catalog of world Sphecidae); R. Turner, 1920a:270 (Egypt: Solum); Roth, 1934b:189 (Algeria); Mochi, 1939b:212 (in revision of Egyptian *Stizus*); Giner Mari, 1945b:363 (Morocco: Western Sahara: Aserifa, Sebja Raguia); de Beaumont, 1956a:191 (Libya); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:123 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae).

100. *tenuicornis* (F. Smith)

Larra tenuicornis F. Smith, 1856:351, ♀. Holotype or syntypes: ♀, Gambia: no specific locality (BMNH). – **As *Stizus tenuicornis***: Handlirsch, 1892:173 (new generic assignment, original description translated into German); Dalla Torre, 1897:531 (in catalog of world Sphecidae); Bingham, 1902:210 (South Africa: Pretoria), 1903a:67 (South Africa); R. Turner, 1912b:340 (member of *Stizus ruficornis* species group); Arnold, 1929a:312 (original description copied), 1930:20 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

101. *texanus* Cresson

Stizus texanus Cresson, 1873:222, ♀, ♂. Lectotype: ♂, USA: Texas: Dallas County: no specific locality (ANSP), designated by Cresson, 1916:97. – Handlirsch, 1892:176 (in revision of world Bembicinae); W. Fox, 1895:268 (in checklist of world Sphecidae); Dalla Torre, 1897:532 (in catalog of world Sphecidae); Kohl, 1897:pl. VIII, fig. 126, pl. IX, fig. 150, pl. X, fig. 168 (illustrations of various body parts); Dow, 1942:178 (locality records), 180 and 181 (in key to North American *Stizus*); Krombein in Muesebeck, Krombein, and Townes, 1951:994 (in catalog of

North American Hymenoptera); Evans, 1966d:125 (floral records); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Krombein, 1979b:1702 (in catalog of North American Hymenoptera); Stubblefield, 1984:411 (in revision of North American *Stizus*); Amarante, 2002:23 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae). – ***As Megastizus texanus***: Patton, 1879c:345 (new generic assignment, known from Texas); Ashmead, 1899d:347 (in checklist of North American Crabronidae).

102. *tricolor* Handlirsch

Stizus tricolor Handlirsch, 1892:133, ♂. Syntypes: Syria (coll. Wuestnei) and Cyprus (MHNG): no specific localities. – Dalla Torre, 1897:532 (in catalog of world Sphecidae); Kohl, 1906a:213 (Abd-el-Kuri and Socotra islands); nec Morice, 1911:121 (Algeria: Biskra; is a different species; correction by de Beaumont, 1947b:387); Maidl, 1924:241 (Sudan: Sennar); von Schulthess, 1926b:216 (Tunisia); Gussakovskij, 1933b:290 (Iran); de Beaumont, 1947b:387 (description of ♀; Cyprus); Pittioni, 1950:23 (Cyprus); de Beaumont and Bytinski-Salz, 1955:55 (Israel); de Beaumont, 1957b:135 (northern Iran), 1967a:300 (Turkey); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Georgiou, 1977:192 (Cyprus); Guichard, 1989b:159 (Egypt: Fayum); Roche, 2007a:124 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Ljubomirov and Yildirim, 2008:114 (in catalog of Crabronidae of Turkey); Murai and Amr, 2011:120 (recorded from Syria by Handlirsch, 1892); Yıldırım, Ljubomirov, and Lelej, 2014:7 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:151 (in checklist of Hymenoptera of Turkey); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:44 (Iran: known from Mazandaran and Sistan-o Baluchestan provinces); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Ben Khedher, Yildirim, Braham, and Chaaban, 2019:190 (known from Tunisia: Tozeur Province); Kaplan and Yildirim, 2021:44 (in catalog of Crabronidae of Turkey); Ben Khedher, Yildirim, and Braham, 2022:9 (in checklist of Bembicinae of Tunisia); Kaplan and Yildirim, 2023:1682 (in checklist of Sphecidae *sensu lato* of Turkey).

103. *tunetanus* A. Costa

Stizus tunetanus A. Costa, 1893a:100, ♂. Holotype or syntypes: ♂, Tunisia: no specific locality (Napoli). – Handlirsch, 1895:991 (redescription of ♂); Dalla Torre, 1897:5 (in catalog of world Sphecidae); Morice, 1911:123 (Algeria: Biskra); von Schulthess, 1926b:217 (Algeria: Biskra); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche, 2007a:125 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Ben Khedher, Yildirim, and Braham, 2022:9 (Tunisia: Ben Arous: Hammam Lif).

Stizus tunetanus A. Costa, 1893b:7, ♂. Objective synonym of *Stizus tunetanus* A. Costa, 1893a:100.

104. *vespiformis* (Fabricius)

Sphex vespiformis Fabricius, 1775:348, sex not stated. Lectotype: ♀, India: no specific locality (ZMUC), designated by van der Vecht, 1961a:53. – Fabricius, 1781:447 (redescription, former Malabar District of Kerala State, India); Christ, 1791:263 (redescription). – ***As Tiphia vespiformis***: Fabricius, 1787:278 (new generic assignment, redescription); Gmelin, 1790:2740 (redescription). – ***As Larra vespiformis***: Fabricius, 1793:220 (new generic assignment, redescription), 1796:89 (in Index to his Entomologia Systematica, 1793), 1804:219 (male listed); F. Smith, 1856:352 (in catalog of Hymenoptera in British Museum), 1871a:367 (in catalog of Oriental Aculeata); Taschenberg, 1875:361 (India); Pate, 1937c:34 (as type species of *Larra* Smith, 1856, nec Fabricius, 1793). – ***As Stizolarra vespiformis***: de Saussure, 1887:9 (new generic assignment); Pate, 1937c:62 (as type species of *Stizolarra* de Saussure). – ***As Stizus vespiformis***: Jurine, 1807:178 (new generic assignment, in list of *Stizus*); Lepeletier and Serville in Latreille et al., 1825:496 (listed); Dahlbom, 1843:154 (in revision of Sphecidae and Pompilidae), 1845:479 (in key to world *Stizus*); Lepeletier de Saint Fargeau, 1845:297 (in revision of world Hymenoptera); Cameron, 1890b:245 (in catalog of Oriental Stizini); Handlirsch, 1892:147 (in revision of world Bembicinae),

1895:1041 (in list of Bembicinae); Bingham, 1897:277 (redescription); Paiva, 1907:15 (India: West: Bengal: Siliguri); Gussakovskij, 1933b:292 (Iran); van der Vecht, 1961a:53 (variation); Begum and Bose, 1976:26 (Bangladesh: Dakka); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, as *vespaeformis*); Krombein, 1984b:14 (in revision of Sri Lankan Stizini); Begum, Bose, and Howlander, 1989:127 (nesting habits in Bangladesh); Begum, Khan, and Bose, 1995:176 (Bangladesh: Dhaka University Campus); S. Gupta, 1995:86 (India: Uttar Pradesh); van Vondel, 1995:30 (specimens from India in Natuurmuseum Rotterdam); Evans and O'Neil, 2007:56 (summary of information on nesting habits); Pagliano, 2011a:131 (specimens in M. Spinola collection, Torino); Madl, 2014:949 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:44 (Iran: known from Sistan-o Baluchestan Province).

105. *vespoides* (Walker)

Larra vespoides Walker, 1871:25, ♀. Holotype or syntypes: ♀, Eritrea: Rafla on Anneslay Bay, now Gulf of Zula (destroyed). – Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Rafla). – **As *Stizus vespoides***: Magretti, 1884c:593 (new generic assignment, Eritrea: Kor Cheru); Handlirsch, 1892:146 (in revision of world Bembicinae); Dalla Torre, 1897:533 (in catalog of world Sphecidae); Bingham, 1898a:106 (Yemen: Aden); Magretti, 1906:16 (Eritrea); Storey, 1916:109 (Egypt: El Alag, Heliopolis, Maadi, Ras el Bar, Suez, Wadi Rashid, Zeitun); Mantero, 1917:367 (Eritrea); Maidl, 1924:241 (Sudan: Bara); Kruger, 1929a:21 and 1929b:56 (Libya: Cyrenaica: Giarabub); Nadig, 1933:89 (Morocco: Marrakech); Guiglia, 1934b:299 (Libya: bibliography and summary of locality records); Giordani Soika, 1935:234 (Libya: Fezzan: Gat); Guiglia, 1936:5 (Libya: Fezzan: Murzuk), 1939c:183 (Libya Fezzan: Gat); Mochi, 1939b:198 (in revision of Egyptian *Stizus*); Guiglia, 1942b:231 (Libya); Roth, 1934a:394 (Algeria: In-Salah; Djibouti); Berland, 1950b:298 (Niger: Aïr area); de Beaumont, 1950d:10 (Egypt: Siwa oasis); Balthasar, 1954b:276 (Palestine: Arnon delta at Dead Sea); de Beaumont and Bytinski-Salz, 1955:54 (Israel); Shalaby, 1961:226 (Saudi Arabia: Jeddah); de Beaumont, 1965b:772 (Chad: Ennedi); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Guichard, 1989b:157 (Saudi Arabia, Somali); Gadallah and Assery, 2004a:219 (in key to Sphecidae of Jeddah Region, Saudi Arabia), 229 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:121 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae, redescription), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Madl, 2018:940 (in catalog of Hymenoptera of Djibouti); Gadallah, 2020b:33 (in list of aculeate wasps of Arabian Peninsula); Ben Khedher, Yildirim, and Braham, 2022:9 (first record from Tunisia: Tozeur: Nefta at 33°51'0"N 7°51'52.4"); Madl, 2023:248 (in catalog of Crabronidae of Eritrea); Gadallah and Abu El-Ghiet, 2024:81 (Saudi Arabia: Jazan Province: Abu Arish).

Larra magnifica F. Smith, 1873c:403, ♀ (authorship attributed to Savigny). Holotype or syntypes: ♀, Egypt: no specific locality (BMNH). Synonymized with *Stizus vespoides* by Handlirsch, 1892:146.

Larra argentea Taschenberg, 1875:363, ♀. Holotype or syntypes: ♀, Egypt: no specific locality (Halle). Synonymized with *Stizus vespoides* by Handlirsch, 1892:146.

106. *wheeleri* Arnold

Stizus wheeleri Arnold, 1959:325, ♂. Holotype: ♂, Zimbabwe: Turk Mine (SAM). – R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae).

107. *zonatus* (Klug)

Larra zonata Klug, 1845:[21], pl. 46, fig. 2, ♀. Holotype or syntypes: "Arabia felix," now Saudi Arabia: no specific locality (ZMHU). – F. Smith, 1856:352 (in catalog of Hymenoptera in British Museum); Walker, 1871:24 (Sinai: Wadi Feiran); Innes Bey, 1912:112 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Sinai: Wadi Feiran); D. Baker, 1997b:186 (in catalog of insects described by Klug, 1845). – **As *Stizus***

zonatus: nec Handlirsch, 1892:136 (new generic assignment = *Stizus zonosoma*); Dalla Torre, 1897:534 (in catalog of world Sphecidae); Magretti, 1906:15, 16 (Eritrea); Mantero, 1917:367 (Eritrea); Guiglia, 1932d:478 (Libya: Gialo), 1934b:300 (Libya: bibliography and summary of locality records); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche and Zalut, 1994:116 (Egypt: Sinai Peninsula); Gadallah and Assery, 2004a:229 (in catalog of Sphecidae of Saudi Arabia); Roche, 2007a:125 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae); Gadallah, 2020b:33 (in list of aculeate wasps of Arabian Peninsula); Madl, 2023:249 (in catalog of Crabronidae of Eritrea).

Larra dimidiata Taschenberg, 1875:362, ♀. Holotype or syntypes: ♀, Egypt: no specific locality (Halle). Synonymized with *Stizus zonatus* by Handlirsch, 1895:998.

As *Stizus ferrugineus*: Handlirsch, 1892:159 (in revision of world Bembicinae), corrected to *Stizus zonatus* by Handlirsch, 1895:998.

108. *zonosoma* Handlirsch

As *Stizus zonatus*: Handlirsch, 1892:136 (in revision of world Bembicinae), corrected to *Stizus zonosoma* by Handlirsch, 1895:993.

Stizus zonosoma Handlirsch, 1895:993, ♂. Holotype: ♂, Egypt: no specific locality (NHMW), see Handlirsch, 1892:136; Dalla Torre, 1897:534 (in catalog of world Sphecidae, as *zonosomus*); R. Bohart and Menke, 1976:527 (in checklist of world Sphecidae); Roche and Zalut, 1994:116 (Egypt: Sinai Peninsula); Roche, 2007a:125 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Nemkov, 2017a:Table p. 12 (in zoogeographic analysis of Palearctic Bembicinae).

sp.

Strand, 1911b:231 (Indonesia: Moluccas, probably a *Bembecinus*); Storey, 1916:109 (Egypt); Froggatt, 1917: 668 (New South Wales, probably a misidentification); von Schulthess, 1927:299 (Iran); Bytinski-Salz, 1956:225 (Turkey: Karapinar, recognition characters); de Beaumont, 1962c:223 (Arabia: El Riyadh); Al-Ali, 1977:100 (Iraq: Diyala); Roche, 1981:4 (in checklist of Sphecidae of United Arab Emirates); Rodgers and Homewood, 1982:233 (Tanzania: Usambara Mountains); Hua, 1989:117 (China); Gonz  les, Gayubo, and Torres, 1999:356 (Spain: Valladolid: Viana de Cega, aff. *aestivalis*); Kazenas and Esenbekova, 2001:136 (*Stizus* sp. aff. *fasciatus*, Kazakhstan: Almatinskiy Nature Reserve); S. Gess and F. Gess, 2003:120 (sp. *ruficornis* group, Namibia: visiting flowers of *Zygophyllum stapffii* Schinz, Zygophyllaceae) and (sp., Namibia: visiting flowers of *Hermbsaetdia odorata* (Burch.) T. Cooke, Amaranthaceae); Kazenas, 2004b:110 (Kazakhstan: western Tien Shan, sp. aff. *koenigi*); Cruz-S  nchez, Gayubo, Gonz  lez, and Torres, 2005:220 (Spain: Salamanca: San Mart  n del Casta  nar); S. Gess and F. Gess, 2006:10 (South Africa and Namibia: visiting flowers of *Hermbsaetdia glauca* (J.C.Wendl.) [Rchb.](#) ex [Steud.](#) and *H. odorata* (Burch.) T. Cooke, Amaranthaceae); Ljubomirov and Yildirim, 2008:115 (in catalog of Crabronidae of Turkey); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:352 (in new catalog of Sphecidae of Saudi Arabia); Gadallah, 2020b:33 (in list of aculeate wasps of Arabian Peninsula).

UNRECOGNIZABLE MISSPELLINGS

Stizus clavicornis: Becker, 1880:153 (Russia: Sarepta, now Krasnoarmeysk south of Volgograd).

Stizus cruentatus: Graeffe, 1906:455 (Tunisia: Tunis area).

NOMINA NUDA IN STIZUS

- Stizus adustus* Klug: A. Costa, 1871a:20 (one specimen from Cape of Good Hope in Museo Zoologico di Napoli); Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:129 (specimens in M. Spinola collection, Torino, are *Stizus* sp. from South Africa).
- Stizus aegeus*: Casolari and Casolari Moreno, 1980:115 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:128 (specimen in M. Spinola collection, Torino).
- Stizus alternans*: Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection, Torino); Pagliano, 2011a:131 (specimens in M. Spinola collection Torino, are *Bembecinus* sp.).
- Stizus ater*: Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection); Pagliano, 2011a:133 (specimens in M. Spinola collection, Torino, from India are *Stizus* sp.).
- Stizus capicola*: Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection); Pagliano, 2011a:133 (specimens in M. Spinola collection, Torino, from South Africa are *Stizus* sp.).
- Stizus distinctus* Pérez: Antiga and Bofill, 1904:18 (Spain: Cataluña Province); Ceballos, 1956:388 (in catalog of Sphecidae of Spain).
- Stizus dives* Mercet: Ceballos, 1949:101 (Spain: Madrid), 1956:388 (in catalog of Hymenoptera of Spain).
- Stizus errans* Kohl: Dollfuss, 1989:12 (type series in NHMW).
- Stizus latreillei*: Casolari and Casolari Moreno, 1980:115 (specimen in M. Spinola collection, probably a *Bembix*); Pagliano, 2011a:128 (specimen in M. Spinola collection, Torino, is *Stizus continuus*).
- Stizus ochrozoni*: Casolari and Casolari Moreno, 1980:116 (specimens in M. Spinola collection); Pagliano, 2011a:133 (specimen M. Spinola collection, Torino, without origin label, is a *Bembecinus* sp.).
- Stizus rufipes*: Antiga and Bofill, 1904:17 (as synonym of *Stizus crassipes* Handlirsch).

SPECIES DESCRIBED IN *STIZUS* AND TRANSFERRED TO OTHER GENERA

- abdominalis* Dahlbom, 1845 = *Stizoides*
- aberrans* Eversmann, 1849 = *Sphecius antennatus* Klug, 1845
- acanthomerus* Morice, 1911 = *Bembecinus*
- aemulus* Handlirsch, 1895 = *Bembecinus*
- anthracinus* Handlirsch, 1892 = *Bembecinus*
- antipodum* Handlirsch, 1892 = *Bembecinus*
- arechavaletai* Brèthes, 1909 = *Bembecinus bolivari* (Handlirsch, 1892)
- asuncionis* Strand, 1910 = *Bembecinus*
- barrei* Radoszkowski, 1893 = *Bembecinus*
- bolivari* Handlirsch, 1892 = *Bembecinus*
- borneanus* Cameron, 1903 = *Bembecinus*
- breddoi* Arnold, 1946 = *Bembecinus*
- buyssoni* Arnold, 1929 = *Bembecinus*
- caesius* Compte Sart, 1959 = *Bembecinus tridens caesius* (Compte Sart)
- caffer* de Saussure, 1854 = *Bembecinus*
- calopteryx* Handlirsch, 1892 = *Stizoides*
- clavicornis* Handlirsch, 1892 = *Bembecinus cinguliger* (F. Smith, 1856)
- comberi* R. Turner, 1912 = *Bembecinus*
- concolor* Eversmann, 1849 = *Stizoides*
- conicus* Germar, 1817 = *Sphecius*
- conscriptus* Nurse, 1903 = *Stizoides*
- consobrinus* Handlirsch, 1892 = *Bembecinus*

corpulentus Arnold, 1929 = *Bembecinus*
cyanescens Radoszkowski, 1887 = *Bembecinus*
cyanipennis de Saussure, 1887 = *Stizoides*
dentiventris Handlirsch, 1895 = *Bembecinus*
discolor Handlirsch, 1892 = *Bembecinus*
dubius F. Smith, 1856 (*Larra*) = *Bembecinus*
egens Handlirsch, 1892 = *Bembecinus*
erythrogaster R. Turner, 1917 = *Stizoides*
excisus Handlirsch, 1892 = *Bembecinus bolivari* (Handlirsch, 1892)
facialis Handlirsch, 1892 = *Bembecinus*
fervidus Cresson, 1872 = *Sphecius grandis* (Say, 1823)
flexuosefasciatus Mantero, 1917 = *Bembecinus*
flavus Cameron, 1890 = *Bembecinus quinquespinosus* (Say, 1823)
formosanus Sonan, 1928 = *Bembecinus hungaricus formosanus*
fraterculus Arnold, 1929 = *Bembecinus*
fulvipes Eversmann, 1849 = *Stizoides*
gazagnairei Handlirsch, 1892 = *Bembecinus*
godmani Cameron, 1890 = *Bembecinus quinquespinosus* (Say, 1823)
gracilis von Schulthess, 1893 = *Bembecinus*
grandis Say, 1823 = *Sphecius*
grandidieri de Saussure, 1887 = *Sphecius*
guttulatus Handlirsch, 1892 = *Bembecinus mexicanus* (Handlirsch, 1892)
gynandromorphus Handlirsch, 1892 = *Bembecinus*
hirsutus Sonan, 1934 = *Bembecinus hungaricus japonicus* Sonan, 1934
hogardii Latreille, 1809 = *Sphecius*
hoplites Handlirsch, 1892 = *Bembecinus*
inermis Handlirsch, 1892 = *Bembecinus*
insularis Handlirsch, 1892 = *Bembecinus*
japonicus Sonan, 1934 = *Bembecinus hungaricus japonicus*
javanus Handlirsch, 1892 = *Bembecinus*
johannis Cameron, 1905 = *Bembecinus oxydorcus* (Handlirsch, 1900)
kachelibae Arnold, 1960 = *Bembecinus*
kotoshonus Sonan, 1934 = *Bembecinus hungaricus formosanus* (Sonan, 1928)
kotschy Handlirsch, 1892 = *Bembecinus*
lateralis Bingham, 1897 = *Bembecinus*
laterimacula Handlirsch, 1895 = *Bembecinus*
luniger Eversmann, 1849 = *Sphecius conicus* (Germar, 1817)
lutescens Radoszkowski, 1877 = *Sphecius*
magretti Handlirsch, 1892 = *Bembecinus*
maior Handlirsch, 1892 = *Bembecinus*
mayri Handlirsch, 1892 = *Bembecinus*
melanoxanthus (F. Smith, 1856), described in *Larra* = *Stizoides citrinus* (Klug, 1845)
melleus (F. Smith, 1856), described in *Larra* = *Stizoides citrinus* (Klug, 1845)
mexicanus Handlirsch, 1892 = *Bembecinus*
mirus Arnold, 1954 = *Bembecinus*

mionii Guérin-Méneville, 1844 = *Stizoides*
nanus Handlirsch, 1892 = *Bembecinus*
nectarinoides Ducke, 1910 = *Bembecinus*
nevadensis Cresson, 1874 = *Sphecius grandis*
niger Radoszkowski, 1891 = *Stizoides*
nigriclypeus Sonan, 1928 = *Bembecinus*
nigricornis Dufour, 1838 = *Sphecius*
nigricornis Dufour, 1841 = *Sphecius*
pectoralis F. Smith, 1856 = *Sphecius*
polychromus Handlirsch, 1892 = *Bembecinus*
papuanus Cameron, 1906 = *Bembecinus*
persimilis R. Turner, 1918 = *Stizoides*
posterus Sonan, 1928 = *Bembecinus*
proximus Handlirsch, 1892 = *Bembecinus*
proteus Arnold, 1929 = *Bembecinus*
pusillus Handlirsch, 1892 = *Bembecinus*
pruinosis Cameron, 1908 = *Bembecinus*
pulchritinctus Cameron, 1912 = *Bembecinus*
quadrimaculatus Sonan, 1928 = *Bembecinus hungaricus formosanus* (Sonan, 1928)
quinquemaculatus Sonan, 1928 = *Bembecinus hungaricus formosanus* (Sonan, 1928)
rhopaloceroides Arnold, 1929 = *Bembecinus*
satumanus Sonan, 1934 = *Bembecinus tridens* (Fabricius, 1781)
scoliaeformis Arnold, 1929 = *Handlirschia*
semperi Handlirsch, 1892 = *Bembecinus*
sibiricus Mocsáry, 1901 = *Bembecinus*
signatus Handlirsch, 1892 = *Bembecinus*
simpsoni R. Turner, 1916 = *Stizoides*
sinuatus Latreille, 1805 = *Bembecinus tridens* (Fabricius, 1781)
sipapomae Arnold, 1929 = *Bembecinus*
stevensoni Arnold, 1936 = *Bembecinus*
socius Handlirsch, 1892 = *Bembecinus*
spectabilis Taschenberg, 1875 = *Sphecius*
spgazzinii Brèthes, 1909 = *Bembecinus bolivari* (Handlirsch, 1892)
strenuus Mickel, 1918 = *Bembecinus nanus strenuus*
subalpinus Cockerell, 1899 = *Bembecinus quinquespinosus* (Say, 1823)
terminus W.F. Kirby, 1889 = *Sphecius uljanini* (Radoszkowski, 1877)
tuberculivetris R. Turner, 1912 = *Stizoides*
uljanini Radoszkowski, 1877 = *Sphecius*
unicinctus Say, 1823 = *Stizoides renicinctus* (Say, 1823)
unifasciatus Radoszkowski, 1877 = *Stizoides*
versicolor Handlirsch, 1892 = *Bembecinus*
walkeri Handlirsch, 1892 = *Palarus*
xanthochrous Handlirsch, 1892 = *Bembecinus neglectus* (Cresson, 1872)
zibanensis Morice, 1911 = *Bembecinus*