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PHILANTHINUS

Philanthinus de Beaumont, 1949b:194 (as subgenus of *Philanthus*). Type species: *Philanthus integer* de Beaumont, 1949, by original designation and monotypy. – K. Schmidt and Bitsch in Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:278 (in revision of Sphecidae *sensu lato* of Europe).

Shestakoviella Gussakovskij, 1952:277. Type species: *Philanthus eximius* (F. Morawitz, 1894) [= *Antohophilus quattuordecimpunctatus* F. Morawitz, 1888], by original designation. Synonymized with *Philanthinus* by de Beaumont, 1955b:222.

1. *albiceps* (Gussakovskij)

Shestakoviella albiceps Gussakovskij, 1952:277, ♀, ♂. Syntypes: Tajikistan: Djilikul and Mikoyanabad, now Kabadian (ZIN).

– **As *Philanthus (Philanthinus) albiceps***: Myartseva, 1972a:92 (new generic assignment; Turkmenistan); Kazenas, 1978b:46 (in key to Sphecidae of Kazakhstan and Central Asia). – **As *Philanthinus albiceps***: R. Bohart and Menke, 1976:570 (new generic assignment, in checklist of world Sphecidae); Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:136 (geographic distribution of *Philanthinus*, collecting localities in Kazakhstan).

2. *integer* (de Beaumont)

Philanthus integer de Beaumont, 1949b:194, ♀, ♂ (in subgenus *Philanthinus*). Holotype: ♀, Morocco: Tadjerouna (Lau-sanne). – de Beaumont, 1950f:396 (southern Algeria), 1953g:119 (Morocco); de Beaumont and Bytinski-Salz, 1959:138 (Israel); de Beaumont, 1961a:210 (recently recorded from Negev Desert, Israel; Egypt). – **As *Philanthinus integer***: R. Bohart and Menke, 1976:570 (new generic assignment, in checklist of world Sphecidae); Roche, 2007a:128 (in catalog of Egyptian Ampulicidae, Sphecidae, and Crabronidae), 2007b:8 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2011b:569 (first record from United Arab Emirates: Wadi Hayl, Wadi el Helo; color variation), 570 (color photographs of male); Dollfuss, 2017b:1246 (locality records from Algeria and Morocco); Gadallah, 2020b:67 (in list of aculeate wasps of Arabian Peninsula); Ben Khedher, Yildirim, and Braham, 2021b:2 (first record from Tunisia: Kebili Governorate: Janouara, Rass Elain); Fresno, 2021b (first record from Spain: Murcia: Lorca); Malash, Ed-mardash, and Gadallah, 2022:55 (in catalog of Middle Eastern and North African Philanthinae), 2023:158 (in key to Egyptian *Philanthinus* and *Philanthus*), 159 (in revision of Egyptian *Philanthinus* and *Philanthus*); Fresno, 2023:24 (Spain: Toledo: Mora).

As *Philiponus* sp.: Morice, 1911:94 (Algeria: Biskra), corrected to *Philanthus integer* by de Beaumont, 1949b:197.

As *Philoponus dewitzi*: von Schulthess, 1926b:2 (Algeria: Biskra), corrected to *Philanthus integer* by de Beaumont, 1949b:197.

3. *quattuordecimpunctatus* (F. Morawitz)

Anthophilus quattuordecimpunctatus F. Morawitz, 1888:289, ♂ (as *14-punctatus*, incorrect original spelling). Holotype: ♂, Kazakhstan: Semipalatinsk area, now Semey: no specific locality (ZIL). – Ed. André, 1889:249 (in revision of Sphecidae of Europe and Algeria, as *14-punctatus*), 21* (bibliographic references). – **As *Philanthus quattuordecimpunctatus***: Kohl, 1891:365 (new generic assignment, in checklist of world *Philanthus*, as *14-punctatus*); Dalla Torre, 1897:490 (in catalog of world Hymenoptera, as *quattuordecimpunctatus*); Kazenas, 1978b:46 (in key to Sphecidae of Kazakhstan and Central Asia, as *quattuordecimnotatus*); Pulawski, 1978:186 (in key to Sphecidae of European part of former USSR); Kuznetzova, 1990:17 (Russia: Voronezh Oblast': Galich'ya Gora Nature Reserve). – **As *Philanthinus quattuordecimpunctatus***: R. Bohart and Menke, 1976:570 (new generic assignment, in of world Sphecidae); Wu and Zhou, 1996a:163 (in revision in Economic Insect Fauna of China); Esenbekova and checklist Kazenas, 2000:71 (southeastern Kazakhstan: no specific locality); Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan); Shorenko, 2003:98 (Ukraine: Crimea: Evpatorya); Kazenas, 2004d:36 (Kazakhstan: northern shore of Caspian Sea); Hua, 2006:281 (in list of Chinese insects, geographic distribution); Yildirim and

Ljubomirov, 2007:1806 (Turkey: Erzurum: Tortum); Kazenas, 2008a:106 (southeastern Kazakhstan: near Taldy-Kurgan); Ljubomirov and Yildirim, 2008:130 (in catalog of Crabronidae of Turkey); Shorenko, 2009:369 (in list of Sphecidae *sensu lato* of Crimea); Baghirov, 2010:679 (Russia: Altai Territories: village Kosh-Agach), 2011b:155 (Russia: Altay Republic: Kosh-Agach); Kazenas, 2012b:170 (Kazakhstan: Korgalzhin State Nature Reserve); Kaltenpoth, Yildirim, Gürbüz, Herzner, and Strohm, 2012:822 (presence of actinomycete *Streptomyces (Candidatus philanthi)* in female antennae); Prisniy, 2012:52 (Russia: Belgorod Oblast'); Yildirim, 2012:77 (Turkey: Bayburt and Erzurum provinces); Nechitaylo, Westermann, and Kaltenpoth, 2014:206, 207 (physiological diversity among defensive '*Streptomyces philanthi*' symbionts); Protsenko, Fateryga, and Ivanov, 2014:38 (Crimea: Evpatoria); Yildirim, Ljubomirov, and Lelej, 2014:8 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:149 (in checklist of Hymenoptera of Turkey); Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:20 (Turkey: Erzurum and Tunceli provinces); Danilov and Mokrousov, 2017b:255 (in catalog of Philanthinae of Russia); Dollfuss, 2017b:1246 (locality records from Iran, Kazakhstan, Mongolia, and Turkey, as *quattuordecimnotatus*); Shorenko, 2017:81 (in Crimea collected in July), Shorenko, 2018:131 (Crimea, including localities, habitats, and number of specimens), 2019:210 (of particular interest in Crimea); Kaplan and Yildirim, 2021:102 (in catalog of Crabronidae of Turkey); Malash, Edmardash, and Gadallah, 2022:56 (in catalog of Middle Eastern and North African Philanthinae); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey); Gülmez, Çubuk, and Can, 2025:187 (Turkey: Çanakkale: Kelkit River Valley).

Anthophilus elegans F. Morawitz, 1888:290, ♀. Holotype: ♀, Kazakhstan: Semipalatinsk area, now Semey: no specific locality (ZIL). Synonymized with *Philanthinus quattuordecimpunctatus* by Pulawski in Bohart and Menke, 1976:570. – Ed. André, 1889:250 (in revision of Sphecidae of Europe and Algeria), 21* (bibliographic references). – **As *Philanthus elegans***: Kohl, 1891:364 (new generic assignment, in checklist of world *Philanthus*).

Philanthus eximius F. Morawitz, 1894:356. Substitute name for *Philanthus elegans* (F. Morawitz, 1888) Kohl, nec *Philanthus elegans* F. Smith, 1856 (Article 59.3: a junior secondary homonym replaced before 1961 is permanently invalid). – Dalla Torre, 1897:485 (in catalog of world Hymenoptera); Mocsáry, 1897:80 (Hungary: Budapest, record not confirmed by subsequent authors). – **As *Philanthus (Philanthinus) eximius***: de Beaumont, 1967a:280 (Turkey; discussion); Myartseva, 1971b:180 (ranges slightly outside Turanian Province), 1972a:92 (Turkmenistan).

4. *theodori* (Bytinski-Salz)

Philanthus theodori Bytinski-Salz in de Beaumont and Bytinski-Salz, 1959:139, ♀, ♂ (in subgenus *Philanthinus*). Holotype: ♂, Israel: Jericho (originally H. Bytinski-Salz coll., now Tel Aviv Univ.). – de Beaumont, 1961a:210 (species described from Israel and Syria); Murai and Amr, 2011:119 (mentioned from Syria by Guichard, 1994a). – **As *Philanthinus theodori***: R. Bohart and Menke, 1976:570 (new generic assignment, in checklist of world Sphecidae); Guichard, 1994a:212 (Saudi Arabia: El Riyadh); Gadallah and Assery, 2004a:232 (in catalog of Sphecidae of Saudi Arabia); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:359 (in new catalog of Sphecidae of Saudi Arabia); Gadallah, 2020b:67 (in list of aculeate wasps of Arabian Peninsula); Malash, Edmardash, and Gadallah, 2022:56 (in catalog of Middle Eastern and North African Philanthinae).