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PSEUDOSCOLIA

Pseudoscolia Radoszkowski, 1876a:103 (as *Pseudo-Scolia*, incorrect original capitalization and hyphenation). Type species: *Pseudoscolia maculata* Radoszkowski, 1876, by monotypy.

Philoponus Kohl, 1889b:193. Type species: *Philoponus dewitzi* Kohl, 1889, designated by Pate, 1937c:50. Junior homonym of *Philoponus* Thorell, 1887 (Arachnida).

Acolpus Vachal, 1893:CCLXV. Type species: *Aphilanthops theryi* Vachal, 1893, by monotypy. Junior homonym of *Acolpus* Jayne, 1882 (Coleoptera).

Philoponidea Pate, 1937c:50. Substitute name for *Philoponus* Kohl, 1889.

Philoponoides Giner Marí, 1945b:372. Type species: *Philoponoides tricolor* Giner Marí, 1945, by original designation and monotypy.

Keys: Mochi, 1939a (Egyptian species, as subgenus of *Philanthus*), de Beaumont 1949b (northwestern African species, as *Philoponidea*); Schmid-Egger, 2014:595 (United Arab Emirates and adjacent territories).

Revision: Kazenas, 2004:117 (Kazakhstan and Central Asia).

Review of biology: Kazenas, 2001b:246 (preying on halictids and formicids).

Description of uniquely pointed glossa: Michener, 2005:78.

1. *aequatoria* Prentice and Pulawski

Pseudoscolia aequatoria Prentice and Pulawski, 2004:377, ♀, ♂. Holotype: ♀, Kenya: Eastern Province: near Ewaso Ngiro River opposite Archer's Post at 0°38.1'N 37°40.4'E (CAS). – Dollfuss, 2017b:1269 (Ethiopia: near Wachile at 4°32'N 39°03'E, as *aequatoriana*).

2. *angela* (Kohl)

Philanthus angela Kohl, 1891:346, ♂ (as *Angela*, incorrect original capitalization). Holotype or syntypes: ♂, Iraq: Baghdad (NHMW). – Kohl, 1891:365 (listed); Dalla Torre, 1897:483 (in catalog of world Hymenoptera). – **As *Pseudoscolia angela***: de Beaumont and Bytinski-Salz, 1959:134 (new generic assignment, Israel; redescription of ♂, description of ♀); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Dollfuss, 1989:11 (holotype in NHMW); Guichard, 1991a:339 (Jordan); Malash, Edmardash, and Gadallah, 2022:67 (in catalog of Middle Eastern and North African Philanthinae).

3. *araxis* (Kohl)

Philanthus araxis Kohl, 1891:347, ♀ (as *Araxis*, incorrect original capitalization). Holotype or syntypes: ♀, Armenia or Azerbaijan: Arax River valley: no specific locality (NHMW). – Kohl, 1891:363 (listed); Dalla Torre, 1897:483 (in catalog of world Hymenoptera). – **As *Pseudoscolia araxis***: R. Bohart and Menke, 1976:573 (new generic assignment, in checklist of world Sphecidae); Dollfuss, 1989:12 (type material in NHMW).

4. *armata* Kazenas

Pseudoscolia armata Kazenas, 1994c:72, ♀. Holotype: ♀, Turkmenistan: Repetek (ZIN). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia); Mokrousov and Gromenko, 2015:126 (Uzbekistan: 5 km north of Mubarek at 39°18'31"N 65°8'20"E); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:429 (Uzbekistan: distribution).

5. *arkadii* Kazenas

Pseudoscolia arkadii Kazenas, 2004c:122, ♂. Holotype: ♂, Turkmenistan: Badkhyz Nature Reserve (ZIN).

6. *berlandi* (de Beaumont)

Philoponidea berlandi de Beaumont, 1949b:209, ♀, ♂. Holotype: ♀, southern Algeria: Sidi Obka (MNHN). – de Beaumont, 1950f:396 (Algeria: Tadjerouna). – **As *Pseudoscolia berlandi***: de Beaumont and Bytinski-Salz, 1959:136 (new generic assignment, Israel); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Roche, 2007b:9 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2014:597 (in key to *Pseudoscolia* of United Arab Emirates and adjacent territories), 597 (United Arab Emirates), 600 (color photographs of female), 601 (color photographs of male); Dollfuss, 2017b:1269 (locality records from Algeria, Morocco, and Tunisia); Ben Khedher, Yildirim, Braham, and Chaaban, 2019:193 (known from Tunisia: Tozeur Governorate); Gadallah, 2020b:69 (in list of aculeate wasps of Arabian Peninsula); Ben Khedher, Yildirim, and Braham, 2021b:4 (Tunisia: Tataouine Governorate); Malash, Edmardash, and Gadallah, 2022:68 (in catalog of Middle Eastern and North African Philanthinae).

7. *camela* Schmid-Egger

Pseudoscolia camela Schmid-Egger, 2014:602, ♀, ♂. Holotype: ♀, United Arab Emirates: Wadi Hayl at 25.08°N 56.21°E (Ch. Schmid-Egger coll., Berlin). – Schmid-Egger, 2014:603 (color photographs of female), 604 (color photographs of male); Gadallah, 2020b:69 (in list of aculeate wasps of Arabian Peninsula); Malash, Edmardash, and Gadallah, 2022:68 (in catalog of Middle Eastern and North African Philanthinae).

8. *clavata* Kazenas

Pseudoscolia clavata Kazenas, 1993b:53. Nomen nudum.

Pseudoscolia clavata Kazenas, 1994a:47, ♀, ♂. Holotype: ♀, Turkmenistan: Kara Kala area in Kopet-Dagh Mountains (ZIN). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004c:123 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Dollfuss, 2017b:1269 (Turkmenistan: Köýtendag Range: Kugit Angtau).

9. *corporica* Kazenas

Pseudoscolia corporica Kazenas, 1994c:73, ♀, ♂. Holotype: ♀, Turkmenistan: Uch-Adji (ZIN). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:124 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Danilov and Mokrousov, 2017b:256 (in catalog of Philanthinae of Russia), Mokrousov, 2017b:16 (first record from Russia: Astrakhan Province: Dosang at 46.911°N 47.926°E), 2017d:59 (South-East of European Russia: no specific locality).

10. *dentata* Kazenas

Pseudoscolia dentata Kazenas, 2004a:235, ♀. Holotype: ♀, Kazakhstan: 10 km northwest of village Chundzha on Charyn River (ZIN). – Kazenas, 2004c:126 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

11. *desertica* Kazenas

Pseudoscolia desertica Kazenas, 1994a:51, ♀. Holotype: ♀, Uzbekistan: 40 km northwest of Dzhinghildy (ZIN). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:429 (Uzbekistan: distribution).

12. *dewitzi* (Kohl)

Philoponus dewitzi Kohl, 1889b:195, ♂ (as Dewitzi, incorrect original capitalization). Syntypes: ♂, Egypt: no specific locality (ZMHU). – Nec von Schulthess, 1926b:2 (= *Philanthinus integer*). – **As *Philanthus dewitzi***: Kohl, 1891:364 (new generic assignment, in checklist of world *Philanthus*); Dalla Torre, 1897:484 (in catalog of world Hymenoptera, as *dewitzi*); von Schulthess, 1926b:212 (Algeria: Biskra); Mochi, 1939a:110 (in revision of Egyptian *Philanthus*). – **As *Philoponidea dewitzi***: de Beaumont, 1949b:206 (new generic assignment, in revision of *Pseudoscolia* of northwestern Africa), 1950f:396 (Algeria: Laghouat). – **As *Pseudoscolia dewitzi***: de Beaumont, 1953g:119 (new generic assignment,

Morocco), 1956a:185 (Libya), 1958b:58 (Algeria: Tassili des Ajjer); de Beaumont and Bytinski-Salz, 1959:136 (Israel); Pulawski, 1964:68 (Egypt: Abu Rawash, Ghiza, Kom Ombo, Kom Osheim, Maadi, Saqqara); de Beaumont, 1966:212 (Egypt: Agami), 1968a:256 (Canary Islands: Fuertaventura); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Báez and Ortega, 1978:192 (Canary Islands); Guichard, 1980:230 (Oman); Roche, 1981:5 (in checklist of Sphecidae of United Arab Emirates); Guichard, 1991a:339 (Jordan); Hohmann, La Roche, Ortega, and Barquín, 1993:259 (detailed records from Canary Islands); Michener, 2005:80 (description of glossa); Roche, 2007b:9 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2014:597 (in key to *Pseudoscolia* of United Arab Emirates and adjacent territories), 602 (United Arab Emirates: Jebel Hafit south of al-Ain, comparison with *Pseudoscolia camela*, new records from Egypt, Morocco, and Tunisia), 605 (color photograph of male); Dollfuss, 2017b:1269 (locality records from Algeria, Egypt, Jordan, Morocco, Tunisia, and Turkmenistan); Ben Khedher, Yildirim, Braham, and Chaaban, 2019:193 (known from Tunisia: Tozeur Governorate); Gadallah, 2020b:69 (in list of aculeate wasps of Arabian Peninsula); Ben Khedher, Yildirim, and Braham, 2021b:3 (Tunisia: Kebili Governorate: Douz West, and Sidi Bouzit Governorate: Elnouamer); Malash, Edmardash, and Gadallah, 2022:69 (in catalog of Middle Eastern and North African Philanthinae).

Philanthus minimus von Schulthess in Friese and von Schulthess, 1924:293, ♂. Holotype: ♂, Tunisia: Tozeur (Zurich). Synonymized with *Philoponidea dewitzi* by de Beaumont, 1949b:206. – von Schulthess, 1926b:212 (Tunisia).

13. *diversicornis* (F. Morawitz)

Philanthus diversicornis F. Morawitz, 1894:353, ♀, ♂. Syntypes: Turkmenistan: Tedzhen (ZIN). – Dalla Torre, 1897:485 (in catalog of world Hymenoptera). – **As *Pseudoscolia diversicornis***: Myartseva, 1972:92 (new generic assignment, Turkmenistan); Islamov, 1986:521 (Uzbekistan: Tashkent Oblast'); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Kazenas, 1978b:72 (in key to Sphecidae of Kazakhstan and Central Asia), 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:127 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Shorenko, 2005:169 (Ukraine: Crimea), 2009:369 (in list of Sphecidae *sensu lato* of Crimea); Protsenko, Fateryga, and Ivanov, 2014:40 (Crimea: Tavricheskoye in Krasnoperekop District); Danilov and Mokrousov, 2017b:256 (in catalog of Philanthinae of Russia); Dollfuss, 2017b:1270 (Turkmenistan: near Sandykatsi); Shorenko, 2017:81 (in Crimea collected in June), 2019:210 (of particular interest in Crimea); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:429 (Uzbekistan: distribution).

14. *efflatouni* (Mochi)

Philanthus efflatouni Mochi, 1939a:106, ♀ (as *Efflatouni*, incorrect original capitalization). Holotype: ♀, Egypt: Sinai Peninsula: Wadi um Mitla (originally A. Mochi coll., now?). – **As *Pseudoscolia efflatouni***: R. Bohart and Menke, 1976:573 (new generic assignment; in checklist of world Sphecidae); Roche and Zalut, 1994:117 (Egypt: Sinai Peninsula); Roche, 2007b:9 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Malash, Edmardash, and Gadallah, 2022:69 (in catalog of Middle Eastern and North African Philanthinae).

15. *eliahi* Schmid-Egger

Pseudoscolia eliahi Schmid-Egger, 2014:605, ♀, ♂. Holotype: ♀, United Arab Emirates: 15 km northeast of ad-Dhaid at 25.33°N 55.95°E (Ch. Schmid-Egger coll.). – Schmid-Egger, 2014:595 (in key to *Pseudoscolia* of United Arab Emirates and adjacent territories), 606 (color photographs of female); Gadallah, 2020b:69 (in list of aculeate wasps of Arabian Peninsula); Malash, Edmardash, and Gadallah, 2022:69 (in catalog of Middle Eastern and North African Philanthinae).

16. *espanoli* (Giner Mari)

Philoponus espanoli Giner Mari, 1947:23, ♀ (as *españolli*, incorrect original diacritic mark). Holotype: ♀, Morocco: Western Sahara: Hadeb (Barcelona). – **As *Philoponidea espanoli***: de Beaumont, 1949b:210 (new generic assignment, in revision of *Pseudoscolia* of northwestern Africa). – **As *Pseudoscolia espanoli***: de Beaumont, 1953g:120 (new generic assignment, Morocco); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Dollfuss, 2017b:1270 (Morocco).

co: locality records); Malash, Edmardash, and Gadallah, 2022:69 (in catalog of Middle Eastern and North African Philanthinae).

17. *ferruginea* Radoszkowski

Pseudoscolia ferruginea Radoszkowski, 1880:154, ♀. Holotype or syntypes: ♀, Armenia: Echmiadzin (Kraków). – R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae). – *As Philanthus ferrugineus*: Dalla Torre, 1897:485 (new generic assignment, in catalog of world Hymenoptera).

18. *flava* Kazenas

Pseudoscolia flava Kazenas, 1994a:49, ♀. Holotype: ♀, Turkmenistan: Repetek (ZIN). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:128 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

19. *frontalis* Kazenas

Pseudoscolia frontalis Kazenas, 1993b:53. Nomen nudum.

Pseudoscolia frontalis Kazenas, 1994e:37, ♀, ♂. Holotype: ♀, Kazakhstan: Kyzylkum Desert 10 km southwest of Chardary (ZIN). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004c:128 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia), 2008a:106 (southeastern Kazakhstan: Ili River valley: 15 km east of Ayak-Kalkan); Danilov and Mokrousov, 2017b:256 (in catalog of Philanthinae of Russia); Dollfuss, 2017b:1270 (Turkmenistan: Repetek); Mokrousov, 2017b:17 (first record from Russia: Astrakhan Province: near Volzhskiy village at 46.965°N 47.53°E), 2017d:59 (South-East of European Russia: no specific locality).

20. *fusca* Kazenas

As *Pseudoscolia maculata*: Kazenas, 1972b:165 (Kazakhstan), corrected to *Pseudoscolia fusca* by Kazenas, 1994b:29.

Pseudoscolia fusca Kazenas, 1994b:30, ♂. Holotype: ♂, Kazakhstan: southeastern Kazakhstan: Basshi Valley 10 km south of Basshi village (depository not stated, ZIN?). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004c:130 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia), 2008a:106 (southeastern Kazakhstan: foothills of Dzungarian Alatau: near Bolshoy Kalkan mountain).

21. *gloriosa* Kazenas

Pseudoscolia gloriosa Kazenas, 1993b:53. Nomen nudum.

Pseudoscolia gloriosa Kazenas, 1994e:40, ♀, ♂. Holotype: ♀, Tajikistan: Djilikul (ZIN). Paratypes: Uzbekistan, Kazakhstan. – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004c:132 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:429 (Uzbekistan: distribution).

22. *heptapotamiensis* Kazenas

Pseudoscolia heptapotamiensis Kazenas, 1994b:33, ♀, ♂. Holotype: ♀, Kazakhstan: southeastern Kazakhstan: Ili River valley 65 km west of Bakanas (depository not stated, probably ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004c:133 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

23. *iliensis* Kazenas

Pseudoscolia iliensis Kazenas, 1993b:53. Nomen nudum.

Pseudoscolia iliensis Kazenas, 1994b:31, ♀, ♂. Holotype: ♀, Kazakhstan: southeastern Kazakhstan: Taukum Desert 20 km north of Aydarly village (depository not stated). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004c:134 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

24. *internalis* Kazenas

Pseudoscolia internalis Kazenas, 1993b:53. Nomen nudum.

Pseudoscolia internalis Kazenas and Marshakov: Kazenas, 1994b:36. Nomen nudum.

Pseudoscolia internalis Kazenas, 1994e:39, ♀, ♂. Holotype: ♀, Kazakhstan: southern Kazakhstan: Baigakum at Djelek (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004a:237 (recognition characters, southeastern Kazakhstan: 3 km northeast of village Borandysu), 2004c:135 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

25. *ishkovi* Kazenas

Pseudoscolia ishkovi Kazenas, 1994b:34, ♂. Holotype: ♂, Kazakhstan: southeastern Kazakhstan: Ili River valley near Bakanas village (depository not stated, but given as ZIN by Mokrousov, Shorenko, and Shlyakhtenok, 2019:14). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:137 (geographic distribution, collecting localities in Kazakhstan), 2004c:136 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia), 2008a:106 (southeastern Kazakhstan: Ili River valley: near Bakanas); Mokrousov, Shorenko, and Shlyakhtenok, 2019:14 (first record from Russia: Dagestan Republic: Kizlyar District: 7 km northwest of Staroterechnoye at 43.904303°N 47.397925°E).

26. *kysylkumica* Kazenas

Pseudoscolia kysylkumica Kazenas, 1993b:54, ♀, ♂. Holotype: ♀, Kazakhstan: Kyzylkum Desert 50 km southwest of Kairakum (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:138 (geographic distribution, collecting localities in Kazakhstan), 2004c:137 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

27. *leleji* Kazenas

Pseudoscolia leleji Kazenas, 1994a:49, ♀. Holotype: ♀, Turkmenistan: Badkhyz Nature Reserve (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:139 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

28. *lyauteyi* (von Schulthess)

Philanthus lyauteyi von Schulthess in Friese and von Schulthess, 1924:292, ♀ (as *Lyauteyi*, incorrect original capitalization). Syntypes: ♀, Morocco: Tamlalet el Djedid east of Marrakech (Zurich). – **As *Philiponidea lyautei***: de Beaumont, 1949b:207 (new generic assignment, in revision of *Pseudoscolia* of northwestern Africa), 1953g:120 (Morocco). – **As *Pseudoscolia lyautei***: R. Bohart and Menke, 1976:573 (new generic assignment, in checklist of world Sphecidae); Dollfuss, 2017b:1270 (Morocco: locality records); Malash, Edmardash, and Gadallah, 2022:70 (in catalog of Middle Eastern and North African Philanthinae).

29. *maculata* Radoszkowski

Pseudoscolia maculata Radoszkowski, 1876a:103, ♀, ♂. Syntypes: Uzbekistan: Tashkent (♀); southeastern Caucasus (♂): no specific locality (ZMHU or Kraków). – Radoszkowski, 1892:591 (male genitalia); Kohl, 1893b:457 (may be a synonym of *Philanthus variegatus* F. Morawitz); Dalla Torre, 1897:493 (in catalog of world Hymenoptera, as synonym of *Philanthus variegatus*). – **As *Pseudoscolia maculata***: nec Kazenas, 1972b:165 (= *Pseudoscolia fusca*, new generic assignment); Kazenas, 1974b:109 (feeding on flowers of *Tamarix* sp., Tamaricaceae, in Kazakhstan), 111 (feeding on flower of *Spiraea hypericifolia* L., Rosaceae, in Kazakhstan); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:429 (Uzbekistan: distribution).

30. *marshakovi* Kazenas

Pseudoscolia marshakovi Kazenas, 1994c:77, ♀. Holotype: ♀, Turkmenistan: Imam Baba (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:139 (in revision of *Pseudoscolia* of Kazakhstan and

Central Asia); Danilov and Mokrousov, 2017b:256 (in catalog of Philanthinae of Russia); Mokrousov and Danilov, 2017:59 (Russia: Astrakhan' Oblast': near Volzhskiy village at 46.965°N 47.53°E).

31. *martinezi* Suárez

Pseudoscolia martinezi Suárez, 1981, ♀, ♂. Holotype: ♀, Spain: Almería: Rambla de Tavernas (originally F. Suárez collection, now MNCN?). – Asís, Gauybo, and Tormos, 1991a:261 (prey: halictid bees; description of larva); Torregrosa, Gayubo, Tormos, and Asís, 1993:20 (Spain: Alicante Province); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:297 (in Sphecidae Fauna of Western Europe); Dollfuss, 2017b:1270 (Spain: Almería: 20 km north of Almería); Fresno, 2017:158 (Spain: Murcia: Abanilla, Archena, Mahoya); K. Schmidt and Bitsch in Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:290 (in revision of Sphecidae *sensu lato* of Europe).

32. *mitjaevi* Kazenas

Pseudoscolia mitjaevi Kazenas, 2004a:237, ♂. Holotype: ♂, southeastern Kazakhstan: 3 km northeast of village Borandysu = 30 km east of Shelek (ZIN). – Kazenas, 2004c:140 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

33. *nesterovi* Kazenas

Pseudoscolia nesterovi Kazenas, 1993b:53. Nomen nudum.

Pseudoscolia nesterovi Kazenas, 1996a:58, ♀, ♂. Holotype: ♀, Turkmenistan: Badkhyz Nature Reserve: Yeroyulanduz (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:141 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

34. *pharaonum* (Kohl)

Philoponus pharaonum Kohl, 1898b:96, ♀. Holotype or syntypes: ♀, Egypt: Cairo area (NHMW). – **As *Philanthus pharaonum***: Mochi, 1939a:105 (new generic assignment, in revision of Egyptian *Philanthus*). – **As *Pseudoscolia pharaonum***: Pulawski, 1964:68 (new generic assignment, Egypt: Abu Rawash, Saqqara; description of ♂); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Dollfuss, 1989:12 (type material in NHMW); Roche, 2007b:9 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Dollfuss, 2017b:1271 (Egypt: Saqqara and Mariut; Morocco: 90 km southwest of Tan Tan); Malash, Edmardash, and Gadallah, 2022:70 (in catalog of Middle Eastern and North African Philanthinae).

35. *repetekensis* Kazenas

Pseudoscolia repetekensis Kazenas, 1994c:75, ♀, ♂. Holotype: ♀, Turkmenistan: Repetek (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:1142 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Dollfuss, 2017b:1271 (Turkmenistan: Repetek).

36. *shestakovi* (Gussakovskij)

Philoponidea shestakovi Gussakovskij, 1952:279, ♀. Holotype: ♀, Tajikistan: Djilikul (ZIN). – **As *Pseudoscolia shestakovi***: R. Bohart and Menke, 1976:573 (new generic assignment, in checklist of world Sphecidae); Kazenas, 1978b:72 (in key to Sphecidae of Kazakhstan and Central Asia), 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:144 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

37. *simplicicornis* (F. Morawitz)

Anthopilus variegatus F. Morawitz, 1889:155, ♀, junior secondary homonym of *Philanthus variegatus* Spinola, 1839. Syntypes: ♀, Mongolia: Tyfun (ZIN). – **As *Philoponus variegatus***: Kohl, 1889b:195 (new generic assignment). – **As *Philanthus variegatus***: Kohl, 1891:366 (new generic assignment, listed).

Philanthus simplicicornis F. Morawitz, 1894:356, substitute name for *Philanthus variegatus* (F. Morawitz, 1889) Kohl, 1891, junior secondary homonym of *Philanthus variegatus* Spinola, 1839. – Dalla Torre, 1897:490 (in catalog of world Hymenoptera). – **As *Pseudoscolia simplicicornis***: Tsuneki, 1971:419 (new generic assignment, Mongolia, description of ♀); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Nemkov, 1990c:84 (Russia: Chita Oblast'); Kazenas, 1993b:53 (Kazakhstan); Nemkov in Nemkov, Kazenas, Budrys, et Antropov, 1995:467 (in key to Sphecidae of

Russian Far East); Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 246 (prey: ants of genus *Cataglyphis*), 2002a:138 (geographic distribution, collecting localities in Kazakhstan), 2004c:144 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Nemkov, 2008b:25 (in catalog of Crabronidae of Asiatic Russia), 2009b:144 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Kazenas, 2013b:499 (southeastern Kazakhstan: near landing place Dubun' on Ili River. 30 km south of Koktal); Danilov and Mokrousov, 2017b:256 (in catalog of Philanthinae of Russia); Dollfuss, 2017b:1271 (locality records from Kazakhstan, Mongolia, and Uzbekistan); Mokrousov, 2017b:17 (first record from Ukraine: Kherson Oblast': Aleshky sands; Russia: Astrakhan Province, Dagestan, Kalmykia, Volgograd Oblast', and Zabaikalskiy Territory); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:429 (Uzbekistan: distribution).

38. *sinaitica* (Mochi)

Philanthus sinaiticus Mochi, 1939a:111, ♀. Holotype: ♀, Egypt: Sinai Peninsula: Wadi um Mitla (USNM). – Menke in Mochi, 1987:14 (type in USNM). – **As *Pseudoscolia sinaitica***: de Beaumont and Bytinski-Salz, 1959:137 (new generic assignment, Israel, description of ♂); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Roche and Zalath, 1994:117 (Egypt: Sinai Peninsula); Roche, 2007b:9 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2014:595 (in key to *Pseudoscolia* of United Arab Emirates and adjacent territories), 607 (Israel: new records), 608 (color photograph of female); Gadallah, 2020b:69 (in list of aculeate wasps of Arabian Peninsula); Malash, Edmardash, and Gadallah, 2022:70 (in catalog of Middle Eastern and North African Philanthinae); Malash, Edmardash, and Gadallah, 2022:70 (in catalog of Middle Eastern and North African Philanthinae).

39. *soikae* (Mochi)

Philanthus soikae Mochi, 1939a:112, ♀ (as *Soikae*, incorrect original capitalization). Holotype: ♀, Egypt: Sinai Peninsula: Wadi um Mitla (originally A. Mochi coll., now USNM). – **As *Pseudoscolia soikae***: R. Bohart and Menke, 1976:573 (new generic assignment, in checklist of world Sphecidae); Menke in Mochi, 1987:43 (holotype in USNM); Kazenas, 1993b:53 (Kazakhstan); Roche and Zalath, 1994:117 (Egypt: Sinai Peninsula); Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:138 (geographic distribution, collecting localities in Kazakhstan), 2004c:146 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Roche, 2007b:9 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2014:595 (in key to *Pseudoscolia* of United Arab Emirates and adjacent territories), 607 (records from Central Asia need verification); Dollfuss, 2017b:1271 (Morocco: Beni Bassia 60 km northeast of Boudnib); Malash, Edmardash, and Gadallah, 2022:70 (in catalog of Middle Eastern and North African Philanthinae).

40. *sorosi* Kazenas

Pseudoscolia sorosi Kazenas, 1996a:60, ♂. Holotype: ♂, Turkmenistan: Badkhyz Nature Reserve: Yeroyulanduz (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:148 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

41. *spinulicollis* (Mochi)

Philanthus spinulicollis Mochi, 1939:108, ♀. Holotype: ♀, Egypt: Abu Rawash near Cairo (originally A. Mochi coll., now?). – **As *Pseudoscolia spinulicollis***: Pulawski, 1964:71 (new generic assignment, Egypt: Kom Osheim; description of ♂); R. Bohart and Menke, 1976:573 (in checklist of world Sphecidae); Roche and Zalath, 1994:117 (Egypt: Sinai Peninsula); Roche, 2007b:9 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Malash, Edmardash, and Gadallah, 2022:70 (in catalog of Middle Eastern and North African Philanthinae).

42. *splendida* (Giner Marí)

Philiponus splendidus Giner Marí, 1945e:230, ♂. Holotype: ♂, Morocco: Draa area: Tuisguirrentz (MNCN). – **As *Philoponidea splendida***: de Beaumont, 1949b:204 (new generic assignment, in revision of *Pseudoscolia* of northwestern Africa). – **As *Pseudoscolia splendida***: R. Bohart and Menke, 1976:574 (new generic assignment, in checklist of world

Sphecidae); Kazenas, 1993b:53 (Kazakhstan), 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:138 (geographic distribution, collecting localities in Kazakhstan), 2004c:149 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Dollfuss, 2017b:1271 (locality records from Iran, Morocco, and Turkmenistan); Malash, Edmardash, and Gadallah, 2022:71 (in catalog of Middle Eastern and North African Philanthinae).

43. *syrdariensis* Kazenas

Pseudoscolia syrdariensis Kazenas, 1993b:53, 2002a:138, nomen nudum (geographic distribution, collecting localities in Kazakhstan).

Pseudoscolia syrdariensis Kazenas, 2004a:239, ♀. Holotype: ♀, Kazakhstan: Balamurun in Karatau Mountains near Djulek (ZIN). – Kazenas, 2004c:150 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

44. *theryi* (Vachal)

Aphilanthops (?) *theryi* Vachal, 1893:CCLXIV, ♀ (as *Theryi*, incorrect original capitalization). Holotype: ♀, Algeria: Biskra (depository?). – Morice, 1911:94 (Algeria: Biskra). – *As Philanthus theryi*: Kohl in Dalla Torre, 1897:491 (new generic assignment, in catalog of world Hymenoptera). – *As Philoponidea theryi*: de Beaumont, 1949b:202 (new generic assignment, in revision of *Pseudoscolia* of northwestern Africa). – *As Pseudoscolia theryi*: van der Zanden, 1967:176 (new generic assignment, Algeria: Biskra); R. Bohart and Menke, 1976:574 (in checklist of world Sphecidae); Dollfuss, 2017b:1271 (Algeria: Biskra and Hodna); Malash, Edmardash, and Gadallah, 2022:71 (in catalog of Middle Eastern and North African Philanthinae).

45. *tobiasi* Kazenas

Pseudoscolia tobiasi Kazenas, 2004a: ♀, ♂. Holotype: ♀, southeastern Kazakhstan: 3 km northeast of village Borandysu = 30 km east of Shelek (ZIN). – Kazenas, 2004c:151 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

46. *tricolor* (Giner Marí)

Philiponoides tricolor Giner Marí, 1945b:373, ♂. Holotype: ♂, Morocco: Western Sahara: El Aiun (MNCN). – Giner Marí, 1945b:362 (Morocco: Western Sahara: El Aiun). – *As Philoponidea tricolor*: de Beaumont, 1949b:213 (new generic assignment, in revision of *Pseudoscolia* of northwestern Africa). – *As Pseudoscolia tricolor*: de Beaumont, 1953g:120 (new generic assignment, Morocco); R. Bohart and Menke, 1976:574 (in checklist of world Sphecidae); Dollfuss, 2017b:1271 (Morocco: Agadir and Tiznit); Malash, Edmardash, and Gadallah, 2022:71 (in catalog of Middle Eastern and North African Philanthinae).

47. *tridentata* Kazenas

Pseudoscolia tridentata Kazenas, 1994a:50, ♀. Holotype: ♀, Turkmenistan: Repetek (ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2004c:152 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

48. *turkmenica* Kazenas

Pseudoscolia turkmenica Kazenas, 1993b:53. Nomen nudum.

Pseudoscolia turkmenica Kazenas, 1994a:53, ♀, ♂. Holotype: ♀, Turkmenistan: no specific locality (ZIN). Paratypes: Kazakhstan. – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:138 (geographic distribution, collecting localities in Kazakhstan), 2004c:153 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Dollfuss, 2017b:1272 (Tajikistan: Vose 120 km southeast of Dushanbe; Turkmenistan: near Sandikatsi).

49. *zaisanica* Kazenas

Pseudoscolia zaisanica Kazenas, 1994b:35, ♀. Holotype: ♀, Kazakhstan: eastern Kazakhstan: northern shore of Lake Zaisan 45 km south of Karatogai village (depository not stated, probably ZIN). – Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:138 (geographic distribution, collecting localities in Kazakhstan); 2004a:241 (recognition characters, southeastern Kazakhstan: 3 km northeast of village Borandysu = 30 km east of Shel-

ek, as *zajsanica*), 2004c:154 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia); Dollfuss, 2017b:1272 (Kazakhstan: 50 km east of Balkhash).

sp.

Morice, 1911:94 (Algeria: Biskra); Giordani Soika, 1935:234 (Libya: Fezzan: Gat, as *Philanthus* subgenus *Philiponus*); Guiglia, 1942b:230 (Libya; as *Philanthus* subgenus *Philiponus* sp.); Al-Houty, 1989:162 (Kuwait: Sulabiya); Gadallah, 2020b:69 (in list of aculeate wasps of Arabian Peninsula).

NOMEN NUDUM IN PSEUDOSCOLIA

quadridentata Kazenas, 2007a:93 (Kazakhstan: Akkala Oblast': Kurgandzhin Nature Reserve and vicinity).