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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.

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

*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 (northwest African species, as *Philoponidea*).

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

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

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

### **1. *aequatoria* Prentice and Pulawski**

*Pseudoscolia aequatoria* Prentice and Pulawski, 2004:377, ♀, ♂. Holotype: ♀, Kenya: Eastern Province: near Ewaso Ng'iro River opposite Archer's Post, 0°38.1'N 37°40.4'E (CAS).

### **2. *angelae* (Kohl)**

*Philanthus angelae* Kohl, 1891:346, ♂ (as *Angelae*, incorrect original capitalization). Holotype or syntypes: ♂, Iraq: Baghdad (NHMW). – Kohl, 1891:365 (listed); Dalla Torre, 1897:483 (in catalog of world Hymenoptera). – **As *Pseudoscolia angelae***: de Beaumont and Bytinski-Salz, 1959:134 (new combination, Israel; redescription of ♂, description of ♀); R. Bohart and Menke, 1976:573 (listed); R. Bohart and Menke, 1976:573 (listed); Dollfuss, 1989:11 (holotype in NHMW); Guichard, 1991a:339 (Jordan).

### **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 combination, listed); 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).

### **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: ♀, s. Algeria: Sidi Obka (MNHN). – de Beaumont, 1950f:396 (Algeria: Tadjerouna). – **As *Pseudoscolia berlandi***: de Beaumont and Bytinski-Salz, 1959:136 (new combination, Israel); R. Bohart and Menke, 1976:573 (listed).

### **7. *clavata* Kazenas**

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

*Pseudoscobia clavata* Kazenas, 1994a:47, ♀, ♂. Holotype: ♀, Turkmenistan: Kara Kala area in Kopet-Dagh Mts (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 *Pseudoscobia* of Kazakhstan and Central Asia).

### 8. *corporica* Kazenas

*Pseudoscobia 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 *Pseudoscobia* of Kazakhstan and Central Asia).

### 9. *dentata* Kazenas

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

### 10. *desertica* Kazenas

*Pseudoscobia desertica* Kazenas, 1994a:51, ♀. Holotype: ♀, Uzbekistan: 40 km NW Dzhinghily (ZIN). – Kazenas, 2001b:52 (in checklist of Sphecidae of Kazakhstan and Central Asia).

### 11. *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 combination, listed); 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 combination, revision), 1950f:396 (Algeria: Laghouat). – **As *Pseudoscobia dewitzi***: de Beaumont, 1953g:119 (new combination, 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 (listed); 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).

*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).

### 12. *diversicornis* (F. Morawitz)

*Philanthus diversicornis* F. Morawitz, 1894:353, ♀, ♂. Syntypes: Turkmenistan: Tedzhen (ZIN). – Dalla Torre, 1897:485 (in catalog of world Hymenoptera). – **As *Pseudoscobia diversicornis***: Myartseva, 1972:92 (new combination, Turkmenistan); Islamov, 1986:521 (Uzbekistan: Tashkent Oblast'); R. Bohart and Menke, 1976:573 (listed); 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 *Pseudoscobia* of Kazakhstan and Central Asia); Shorengo, 2005:169 (Ukraine: Crimea).

### 13. *efflatouni* (Mochi)

*Philanthus efflatouni* Mochi, 1939a:106, ♀ (as *Efflatouni*, incorrect original capitalization). Holotype: ♀, Egypt: Sinai Peninsula: Wadi um Mitla (A. Mochi coll.). – **As *Pseudoscobia efflatouni***: R. Bohart and Menke, 1976:573 (new combination; listed); Roche and Zalat, 1994:117 (Egypt: Sinai Peninsula).

### 14. *espanoli* (Giner Marí)

*Philoponus espanoli* Giner Marí, 1947:23, ♀ (as *españoli*, incorrect original diacritic mark). Holotype: ♀, Western Sahara: Hadeb (Barcelona). – **As *Philoponidea espanoli***: de Beaumont, 1949b:210 (new combination, revision). – **As *Pseudoscobia espanoli***: de Beaumont, 1953g:120 (new combination, Morocco); R. Bohart and Menke, 1976:573 (listed).

**15. ferruginea Radoszkowski**

*Pseudoscolia ferruginea* Radoszkowski, 1879:154, ♀. Holotype or syntypes: ♀, Armenia: Echmiadzin (Kraków). – R. Bohart and Menke, 1976:573 (listed). – As *Philanthus ferrugineus*: Dalla Torre, 1897:485 (new combination, in catalog of world Hymenoptera).

**16. 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).

**17. frontalis Kazenas**

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

*Pseudoscolia frontalis* Kazenas, 1994e:37, ♀, ♂. Holotype: ♀, Kazakhstan: Kyzylkum Desert 10 km SW 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 E Ayak-Kalkan).

**18. 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: Basshiy Valley 10 km S Basshiy village (depository not indicated). – 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).

**19. 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).

**20. heptapotamiensis Kazenas**

*Pseudoscolia heptapotamiensis* Kazenas, 1994b:33, ♀, ♂. Holotype: ♀, Kazakhstan: southeastern Kazakhstan: Ili River valley 65 km W Bakanas (depository not indicated, 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).

**21. iliensis Kazenas**

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

*Pseudoscolia iliensis* Kazenas, 1994b:31, ♀, ♂. Holotype: ♀, Kazakhstan: southeastern Kazakhstan: Taukum Desert 20 km N Aydarly village (depository not indicated). – 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).

**22. 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, SE Kazakhstan: 3 km NE village Borandysu), 2004c:135 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

**23. *ishkovi* Kazenas**

*Pseudoscolia ishkovi* Kazenas, 1994b:34, ♂. Holotype: ♂, Kazakhstan: southeastern Kazakhstan: Ili River valley near Bakanas village (depository not indicated, probably ZIN). – 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).

**24. *kysylkumica* Kazenas**

*Pseudoscolia kysylkumica* Kazenas, 1993b:54, ♀, ♂. Holotype: ♀, Kazakhstan: Kyzylkum Desert 50 km SW Kairkum (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).

**25. *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).

**26. *lyauteyi* (von Schulthess)**

*Philanthus lyauteyi* von Schulthess in Friese and von Schulthess, 1924:292, ♀ (as *Lyauteyi*, incorrect original capitalization). Syntypes: ♀, Morocco: Tamlalet el Djedid E Marrakech (Zurich). – As *Philiponidea lyautei*: de Beaumont, 1949b:207 (new combination, revision), 1953g:120 (Morocco). – As *Pseudoscolia lyautei*: R. Bohart and Menke, 1976:573 (new combination, listed).

**27. *maculata* Radoszkowski**

*Pseudoscolia maculata* Radoszkowski, 1876a:103, ♀, ♂. Syntypes: Uzbekistan: Tashkent (♀); se. 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*); Kazenas, 1974b:109 (feeding on flowers of *Tamarix* sp. in Kazakhstan); R. Bohart and Menke, 1976:573 (listed); Kazenas, 2001b:53 (in checklist of Sphecidae of Kazakhstan and Central Asia).

**28. *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).

**29. *martinezi* Suárez**

*Pseudoscolia martinezi* Suárez, 1981, ♀, ♂. Holotype: ♀, Spain: Almería: Rambla de Tavernas (coll. Suárez, IEE?). – Asís, Gauybo, and Tormos, 1991a:261 (prey: halictid bees; larva); Torregrosa, Gayubo, Tormos, and Asís, 1993:20 (Spain: Alicante Province); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:297 (in Sphecid Fauna of Western Europe).

**30. *mitjaevi* Kazenas**

*Pseudoscolia mitjaevi* Kazenas, 2004a:237, ♂. Holotype: ♂, SE Kazakhstan: 3 km NE village Borandyssu = 30 km E Shelek (ZIN). – Kazenas, 2004c:140 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

**31. *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).

**32. *pharaonum* (Kohl)**

*Philoponus pharaonum* Kohl, 1898b:96, ♀. Holotype or syntypes: ♀, Egypt: Cairo area (NHMW). – **As *Philanthus pharaonum***: Mochi, 1939a:105 (new combination, in revision of Egyptian *Philanthus*). – **As *Pseudoscolia pharaonum***: Pulawski, 1964:68 (new combination, Egypt: Abu Rawash, Saqqara; description of ♂); R. Bohart and Menke, 1976:573 (listed); Dollfuss, 1989:12 (type material in NHMW).

**33. *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).

**34. *shestakovi* Gussakovskij**

*Philiponidea shestakovi* Gussakovskij, 1952:279, ♀. Holotype: Tajikistan: Djilikul (ZIN). – **As *Pseudoscolia shestakovi***: R. Bohart and Menke, 1976:573 (new combination, listed); 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).

**35. *simplicicornis* (F. Morawitz)**

*Anthopilus variegatus* F. Morawitz, 1889:155, ♀. Syntypes: ♀, Mongolia: Tyfun (ZIN). – **As *Philiponus variegatus***: Kohl, 1889b:195 (new combination). – **As *Philanthus variegatus***: Kohl, 1891:366 (new combination, 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 combination, Mongolia, description of ♀); R. Bohart and Menke, 1976:573 (listed); 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).

**36. *sinaïtica* (Mochi)**

*Philanthus sinaïticus* Mochi, 1939a:111, ♀. Holotype: ♀, Egypt: Sinai Peninsula: Wadi um Mitla (USNM). – Menke in Mochi, 1987:14 (type in USNM). – **As *Pseudoscolia sinaïtica***: de Beaumont and Bytinski-Salz, 1959:137 (new combination, Israel, description of ♂); R. Bohart and Menke, 1976:573 (listed); Roche and Zalut, 1994:117 (Egypt: Sinai Peninsula).

**37. *soikae* (Mochi)**

*Philanthus soikae* Mochi, 1939a:112, ♀ (as *Soikae*, incorrect original capitalization). Holotype: ♀, Egypt: Sinai Peninsula: Wadi um Mitla (A. Mochi coll.). – **As *Pseudoscolia soikae***: R. Bohart and Menke, 1976:573 (new combination, listed); Kazenas, 1993b:53 (Kazakhstan); Roche and Zalut, 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).

**38. *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).

**39. spinulicollis (Mochi)**

*Philanthus spinulicollis* Mochi, 1939:108, ♀. Holotype: ♀, Egypt: Abu Rawash near Cairo (A. Mochi coll.). – **As *Pseudoscolia spinulicollis***: Pulawski, 1964:71 (new combination, Egypt: Kom Osheim; description of ♂); R. Bohart and Menke, 1976:573 (listed); Roche and Zalut, 1994:117 (Egypt: Sinai Peninsula).

**40. splendida (Giner Marí)**

*Philiponus splendidus* Giner Marí, 1945e:230, ♂. Holotype: ♂, Morocco: Draa area: Tuisguirrentz (IEE, Madrid). – **As *Philoponidea splendida***: de Beaumont, 1949b:204 (new combination, revision). – **As *Pseudoscolia splendida***: R. Bohart and Menke, 1976:574 (new combination, listed); 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).

**41. syrdariensis Kazenas**

*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).

**42. 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 combination, in catalog of world Hymenoptera). – **As *Philoponidea theryi***: de Beaumont, 1949b:202 (new combination, revision). – **As *Pseudoscolia theryi***: van der Zanden, 1967:176 (new combination, Algeria: Biskra); R. Bohart and Menke, 1976:574 (listed).

**43. tobiasi Kazenas**

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

**44. tricolor (Giner Marí)**

*Philiponoides tricolor* Giner Marí, 1945b:373, ♂. Holotype: ♂, Morocco: Saguia el Hamra: El Aiun (IEE, Madrid). – Giner Marí, 1945b:362 (Morocco: Western Sahara: El Aiun). – **As *Philoponidea tricolor***: de Beaumont, 1949b:213 (new combination, revision). – **As *Pseudoscolia tricolor***: de Beaumont, 1953g:120 (new combination, Morocco); R. Bohart and Menke, 1976:574 (listed).

**45. 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).

**46. 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).

**47. zaisanica Kazenas**

*Pseudoscolia zaisanica* Kazenas, 1994b:35, ♀. Holotype: ♀, Kazakhstan: eastern Kazakhstan: northern shore of Lake Zaisan 45 km S Karatogai village (depository not indicated, 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, SE Kazakhstan: 3 km NE village Borandysu = 30 km E Shelek, as *zajsanica*), 2004c:154 (in revision of *Pseudoscolia* of Kazakhstan and Central Asia).

**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).

#### **NOMINA NUDA IN *PSEUDOSCOLIA***

*quadridentata* Kazenas, 2007a:93 (Kazakhstan: Akmala Oblast': Kurgandzhin Nature Reserve and vicinity).  
*syrdariensis* Kazenas, 1993b:53, 2002a:138 (geographic distribution, collecting localities in Kazakhstan).