

Last updated: 16 December 2006

EREMOCHARES

Eremochares Gribodo, 1883a:265. Type species: *Eremochares doriae* Gribodo, 1883:265 (= *Ammophila dives* Brullé, 1833), by monotypy.

Review of known biology: Kazenas, 2001b:97.

Key: Myartseva, 1971 (Turkmenistan).

1. *dives* (Brullé)

Ammophila dives Brullé, 1833a:369, ♀. Lectotype: ♀, Greece: "Morée", now Peloponnesus: no specific locality (MNHN), designated by Menke in Bohart and Menke, 1976:146. – F. Smith, 1856:209 (listed); Kirchner, 1867:217 (in catalog of European Hymenoptera); Gribodo, 1880:401 (Tunisia, identification questionable); F. Morawitz, 1891a:202 (Russia: Astrakhan Government); Radoszkowski, 1892:579 (male genitalia); Dalla Torre, 1897:398 (in catalog of world Hymenoptera); W. Schulz, 1904b:92 (Lebanon: Beirut), 1905:33 (Algeria: Oran); Kohl, 1906b:300 (in revision of Palearctic *Ammophilini*); Morice, 1911:72 (Algeria: Biskra); Smirnov, 1915:153 (Turkmenistan: Merv; nesting habits, preying on acridids); Strand, 1915:96 (Greece: Crete: Candia); Berland, 1921:533 (Greece); von Schulthess, 1926b:208 (Tunisia, Libya: Cyrenaica); Roth, 1928:181 (in revision of North African *Ammophilini*), 215 (Smirnov's biological observations translated into French, phenology in Algeria); G. Carpenter, 1930b:291 (nest closure); Bischoff, 1933:5 (Morocco: Marrakech); Gussakovskij, 1933b:273 (Iran); Nadig, 1933:100 (Morocco: Marrakech); Guiglia, 1934b:291 (Libya: bibliography and summary of locality records); Maidl, 1934:64 (Greece: Aegean Islands: Milos); Giner Marí, 1945e:219 (Western Sahara); Alfieri, 1946:125 (in revision of Egyptian *Ammophila*); de Beaumont, 1951:263 (Morocco), 1955c:55 (stylopized specimens); de Beaumont and Bytinski-Salz, 1955:36 (Israel); Leclercq, 1955h:70 (bibliographic references, locality records); de Beaumont, 1965a:11 (Greece); de Beaumont and Bytinski-Salz, 1955:36 (Israel); Bytinski-Salz, 1956:223 (Turkey); de Beaumont, 1960c:169 (Afghanistan), 1961c:44 (Greece: Crete Island), 1961e:2 (Iraq); Myartseva, 1963b:59 (Turkmenistan: lower Murgab River), 1965:85 (Turkmenistan: Akibay, Iolotan' district, Bairam Ali, Murgab district, and Mary district); de Beaumont, 1967a:264 (Turkey), 1970a:387 (Afghanistan); Kazenas, 1970a:292 (nesting habits), 1972b:98; Myartseva, 1972a:85, 1972b:106 (parasite: *Senotainia pygmaea* Rond.); Kazenas, 1978b:35 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:181 (in key to Sphecidae of European part of former USSR); Ebrahimi, 1993:90 (Iran). – **As *Parapsammophila dives***: Ed. André, 1886:88 (new combination, in revision of Sphecidae of Europe and Algeria), 1888:5* (bibliographic references); Kohl, 1889a:22 (redescription). – **As *Sphex dives***: R. Turner, 1917e:177 (India: Punjab: Rohtak); Morice, 1921:77 (Iraq: Amara). – **As *Eremochares dives***: Menke, 1966a:150 (new combination); Myartseva, 1971:76 (in key to *Eremochares* of Turkmenistan); R. Bohart and Menke, 1976:146 (new combination, listed); Guichard, 1980:224 (Oman); Brockmann, 1985b:312 (nest closure summary); Islamov, 1986:514 (Uzbekistan: Surkhandarya Oblast); Guichard, 1988a:125 (Saudi Arabia: Abu Arish); Islamov, 1989:50 (nest and prey); Kazenas and Nasyrova, 1991:38 (Kazakhstan: eight species of prey listed); Roche and Zalat, 1994:114 (Egypt: Sinai Peninsula); Wu and Zhou, 1996:56 (revision in Economic Insect Fauna of China); Bitsch, Barbier, Gayubo, Schmidt, and Ohl, 1997:89 (in Sphecidae Fauna of Western Europe); Nazarova, 1998:40 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas, 2001b:17 (in checklist of Sphecidae of Kazakhstan and Central Asia), 99 (review of known biology), 2002a:35 (geographic distribution, collecting localities in Kazakhstan); Gayubo and Özbek, 2005:12 (Turkey: Ýçel: Silifke); Gülmez and Tüzün, 2005:50 (Turkey: Ankara Province); Nazarova, 2005:93 (alfalfa fields in southwestern Tajikistan).

As *Ammophila Bonae-Spei*: Lucas, 1849:276 (Algeria), corrected to *Ammophila dives* by Kohl, 1906:300.

Ammophila melanopus Lucas, 1849:276, ♀, ♂. Lectotype: ♂, Algeria: no specific locality (MNHN), designated by Menke in Bohart and Menke, 1976:146. Synonymized with *Ammophila dives* by Kohl, 1906:300. – F. Smith, 1856:210 (listed); Ed. André, 1886:60 (in revision of Sphecidae of Europe and Algeria), 1888:2* (bibliographic references); Dalla Torre,

- 1897:404 (in catalog of world Hymenoptera). – **As *Ammophila dives melanopus***: de Beaumont, 1950:264 (synonymy), 1950f:395 (Morocco), 1951e:263 (Morocco), 1955:56 (styloped specimen), 1956:172 (Libya); de Grandi, 1959b:287 (Italy: Algeria: Biskra, Hodna); Beaumont, 1960:226 (Libya).
- Ammophila festiva* F. Smith, 1856:211, ♀. Holotype or syntypes: ♀, Tunisia: no specific locality (BMNH). Synonymized with *Ammophila dives* by Kohl, 1885c:164. – **As *Ammophila dives* var. *festiva***: Dalla Torre, 1897:399 (in catalog of world Hymenoptera).
- Ammophila elegans* F. Smith, 1856:216, ♀, ♂. Syntypes: India or Pakistan: Punjab: no specific locality (BMNH). Synonymized with *Ammophila dives* by ... – Cameron, 1889c:93 (listed); Bingham, 1897:232 (redescription, India: Punjab, Bombay); Dalla Torre, 1897:399 (in catalog of world Hymenoptera).
- Ammophila limbata* Kriechbaumer, 1869:597, ♀, ♂. Syntypes: Greece: Corfu: no specific locality (NHMW). Synonymized with *Ammophila dives* by Mocsáry, 1881a:18. – **As *Eremochares limbata***: Dollfuss, 1989:9 (type material in NHMW).
- Ammophila nigritaria* Walker, 1871:18, ♀, ♂. Syntypes: Djibouti: Tajura (destroyed). Synonymized with *Ammophila dives* by Kohl, 1885c:164. – Innes Bey, 1912:111 (specimens recorded by Walker, 1871, now destroyed by dermestids, were collected at Pharaoh's Baths).
- Eremochares doriae* Gribodo, 1883a:265, ♀, ♂ (as *Doriae*, incorrect original capitalization). Lectotype: ♀, Tunisia: no specific locality (MSNG), designation by Menke in Bohart and Menke, 1976:146. Synonymized with *Ammophila dives* by Kohl, 1889a:17 and 22, Guiglia, 1948a:32, and de Beaumont, 1950e:262. – Ed. André, 1886:92 (in revision of Sphecidae of Europe and Algeria), 1888:5* (bibliographic references); Pérez, 1907:496 (Bahrain). – **As *Ammophila dives* var. *doriae***: Graeffe, 1906:456 (Tunisia: Tunis area). – **As *Ammophila dives doriae***: Schulz, 1905b:33 (new status), 54 (new status; Lebanon: Beirut).
- Parapsammophila retowskii* Konow, 1887:137, ♀, ♂ (as *Retowskii*, incorrect original capitalization). Syntypes: Ukraine: Crimea: Kashka-Chokrakk 2 mi W Theodosia (depository?). Synonymized with *Ammophila dives* by F. Morawitz, 1891a:202. – **As *Ammophila retowskii***: Dalla Torre, 1897:407 (new combination, in catalog of world Hymenoptera).
- Ammophila orichalceomicans* Strand, 1915:96, ♀, proposed conditionally. Holotype: ♀, Greece: Cyclades: no specific locality (DEI). Synonymized with *Ammophila* ... by ...
- As *Ammophila bonaespei*: Lucas, 1849:276 (Algeria: Sétif), corrected to ...

2. *ferghanicus* (Gussakovskij)

- Ammophila ferghanica* Gussakovskij, 1930c:201, ♂. Holotype: ♂, Uzbekistan: Ferghana: Kara Yantak (ZIL). – **As *Eremochares ferghanicus***: Menke, 1966a:150 (new combination); Myartseva, 1971:76 (in key to *Eremochares* of Turkmenistan); R. Bohart and Menke, 1976:146 (new combination; listed); Kazenas, 1978b:35 (in key to Sphecidae of Kazakhstan and Central Asia); Kazenas, 2001b:17 (in checklist of Sphecidae of Kazakhstan and Central Asia, as *ferghanica*).

3. *kohlii* Gussakovskij

- As *Ammophila turanica*: Kohl, 1906b:303 (revision), corrected to *Ammophila kohlii* by Gussakovskij, 1928a:7.
- Ammophila kohlii* Gussakovskij, 1928a:7, substitute name for *Ammophila turanica* of Kohl, 1906:303. – Gussakovskij, 1933b:274 (Iran, Transcaspiya); Kazenas, 1978b:35 (in key to Sphecidae of Kazakhstan and Central Asia). – **As *Eremochares kohlii***: Menke, 1966a:150 (new combination), 1966c:58 (may be a synonym of *Eremochares lutea*); Myartseva, 1971:76 (in key to species of Turkmenistan); R. Bohart and Menke, 1976:146 (listed, as new combination); Kazenas, 2001b:17 (in checklist of Sphecidae of Kazakhstan and Central Asia). – (Isn't it a synonym of *Parapsammophila turanica* – 30 May, 1998).

4. *luteus* (Taschenberg)

NOTE: Many authors gave the name *Ammophila lutea* to a different species, now known to be *Parapsammophila turanica*.

Parapsammophila lutea Taschenberg, 1869:431, ♀, ♂. Lectotype: ♂, Sudan: Khartum (Halle), designated by Menke, 1966c:58. – Ed. André, 1888:5* (bibliographic references); Kohl, 1889a:22 (as new synonym of *Parapsammophila dives*); nec Kohl, 1906b, and subsequent authors = *Parapsammophila turanica*). – **As *Ammophila lutea***: Dalla Torre, 1897:404 (new combination, in catalog of world Hymenoptera); Pulawski, 1964:65 (Egypt: Abydos, Tell-el-Amarna). – **As *Eremochares luteus***: Menke, 1966a:150 (new combination), 1966c:58 (species identity); R. Bohart and Menke, 1976:146 (listed).

5. *mirabilis* Gussakovskij

Ammophila mirabilis Gussakovskij, 1928a:6, ♀, ♂. Syntypes: Uzbekistan: Khiva (ZIN). – Gussakovskij, 1933b:274 (Iran, Transcaspia). – **As *Eremochares mirabilis***: Menke, 1966a:150 (new combination), 1966c:158 (diagnostic characters); R. Bohart and Menke, 1976:146 (new combination, listed); Kazenas, 1978b:34 (in key to Sphecidae of Kazakhstan and Central Asia); Kazenas, 2001b:17 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:35 (geographic distribution, collecting localities in Kazakhstan).

sp.

Guichard, 1988a:125 (United Arab Emirates).

SPECIES DESCRIBED IN *EREMOCHARES* AND TRANSFERED TO OTHER GENERA

simoni du Buysson, 1897 = *Isodontia*