

Last updated: 19 April 2025

OXYBELOMORPHA

Oxybelomorpha Brauns in Kohl, 1897a:475. Type species: *Oxybelomorpha kohlii* Brauns, 1897, by monotypy.

Pseudoxybelus Gussakovskij, 1933b:286. Type species: *Belomicrus persa* Gussakovskij, 1933, by monotypy.

Treated as a synonym of *Belomicrus* by Kohl, 1923 and subsequent authors, restored to the full genus status by Antropov, 2005a.

Revision: Antropov, 2005a-e, 2006.

Key to species: Antropov, 2006:204-207; Schmid-Egger, 2021:1258 (species of *Belomicrus* and *Oxybelomorpha* of northwestern Africa and Spain).

1. *anatolei* Antropov

Oxybelomorpha anatolei Antropov, 2005e:1461, ♂. Holotype: ♂, Turkmenistan: Repetek (ZMMU). – Antropov, 2006:206 (in key to species of *Oxybelomorpha*).

2. *braunsii* (Kohl)

Belomicrus braunsii Kohl, 1923:186, ♀, ♂ (as *Braunsii*, incorrect original capitalization). Holotype: ♀, South Africa: Eastern Cape Province: Willowmore (NHMW). – Kohl, 1923:118 (in key to species of world *Belomicrus*); Arnold, 1927:69 (in revision of southern African *Belomicrus*); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae). – As *Oxybelomorpha braunsii*: Antropov, 2005c:1098 (new generic assignment, in revision of *Oxybelomorpha*), 2006:205 (in key to species of *Oxybelomorpha*).

3. *funesta* (Arnold)

Belomicrus funestus Arnold, 1929c:411, ♀, ♂. Lectotype: ♀, South Africa: Western Cape Province: Van Rhynsdorp (SAM), designated by Antropov, 2005b:974. – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae). – As *Oxybelomorpha funesta*: Antropov, 2005b:974 (new generic assignment, in revision of *Oxybelomorpha*), 2006:206 (in key to species of *Oxybelomorpha*).

4. *gessi* Antropov

Oxybelomorpha gessi Antropov, 2005b:978, ♀, ♂. Holotype: ♀, South Africa: Northern Cape Province: Springbok: Hester Malan (now Geogap) Nature Reserve (AMG). – Antropov, 2006:206 (in key to species of *Oxybelomorpha*).

5. *imitans* Antropov

Oxybelomorpha imitans Antropov, 2005b:981, ♀, ♂. Holotype: ♀, South Africa: Northern Cape Province: 15 km north of Nieuwoudtville on road to Loeriesfontein (AMG). – Antropov, 2006:206 (in key to species of *Oxybelomorpha*).

6. *kohlina* (von Schulthess)

Belomicrus kohlianus von Schulthess, 1926a:158, ♀. Holotype: ♀, Tunisia: Kairouan (originally von Schulthess coll., now Zurich). – von Schulthess, 1926b:219 (Tunisia); Pate, 1940b:240 (affinities, bibliographic references); de Beaumont, 1957a:159 (Morocco: Tinerhir, Boulmane; diagnostic characters); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae); Guichard, 1991b:364 (as new synonym of *Belomicrus waterstoni*). – As *Oxybelomorpha kohliana*: Antropov, 2005e:1453 (new generic assignment, in revision of *Oxybelomorpha*, description of ♂), 2006:207 (in key to species of *Oxybelomorpha*).

7. *kohlii* Brauns

Oxybelomorpha kohlii Brauns in Kohl, 1897:476, ♀ (as *Kohlii*, incorrect original capitalization). Holotype or syntypes: ♀, South Africa: Eastern Cape Province: Port Elizabeth (TMP). – Antropov, 2005a:829 (in revision of *Oxybelomorpha*), 2006:205 (in key to species of *Oxybelomorpha*). – As *Belomicrus kohlii*: Kohl, 1923:118 (in key

to species of world *Belomicrus*), 184 (new generic assignment, in revision of world *Belomicrus*); Arnold, 1927:68 (in revision of southern African *Belomicrus*), 1930:14 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae).

8. *maroccana* (de Beaumont)

Belomicrus stecki maroccanus de Beaumont, 1957a:157, ♀. Holotype: ♀, Morocco: Mehdia near Kenitra (Lausanne). – R. Bohart and Menke, 1976:364 (in checklist of world Sphecidae). – **As *Oxybelomorpha maroccana***: Antropov, 2006:201 (new status, new generic assignment, in revision of *Oxybelomorpha*), 207 (in key to species of *Oxybelomorpha*); Schmid-Egger, 2021:1258 (in key to *Belomicrus* and *Oxybelomorpha* of northwestern Africa and Spain), 1265 (western Morocco: locality records).

9. *moricei* (Kohl)

Belomicrus moricei Kohl, 1923:192, ♀ (as *Moricei* incorrect original capitalization). Holotype: ♀, Israel: Jaffa (OXUM). – Kohl, 1923:119 (in key to species of world *Belomicrus*); Pate, 1940b:241 (affinities, bibliographic references); de Beaumont, Bytinski-Salz and Pulawski, 1973:25 (cited from Palestine by Kohl, 1923); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae); Guichard, 1991b:367 (diagnostic characters); Leclercq, 1993c:44 (in catalog of western Palearctic Crabronini and Oxybelini). – **As *Oxybelomorpha moricei***: Antropov, 2005e:1450 (new generic assignment, in revision of *Oxybelomorpha*), 2006:207 (in key to species of *Oxybelomorpha*).

10. *nitens* Antropov

Oxybelomorpha nitens Antropov, 2005b:985, ♀. Holotype: ♀, South Africa: Northern Cape Province: Springbok: Hester Malan (now Geogap) Nature Reserve (AMG). – Antropov, 2006:206 (in key to species of *Oxybelomorpha*).

11. *patei* (de Beaumont)

Belomicrus patei de Beaumont, 1950f:422, ♀. Holotype: ♀, Algeria: Laghouat (BMNH). – de Beaumont, 1953a:176 (Mauritania); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae); Guichard, 1991b:363 (discussion of diagnostic characters); Leclercq, 1993c:45 (in catalog of western Palearctic Crabronini and Oxybelini). – **As *Oxybelomorpha patei***: Antropov, 2005e:1458 (new generic assignment, in revision of *Oxybelomorpha*), 2006:206 (in key to species of *Oxybelomorpha*).

12. *persa* (Gussakovskij)

Belomicrus persa Gussakovskij, 1933b:286, ♂. Lectotype: ♂, Iran: Kerman: Kuche: Kambil (ZIL), designated by Antropov, 2006:194. – Pate, 1940b:240 (affinities, bibliographic references); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae). – **As *Oxybelomorpha persa***: Antropov, 2005a:828 (new generic assignment), 2006:194 (in revision of *Oxybelomorpha*), 207 (in key to species of *Oxybelomorpha*); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:52 (Iran: known from Kerman Province).

13. *pseudosordida* Antropov

Oxybelomorpha pseudosordida Antropov, 2005c:1102, ♀, ♂. Holotype: ♀, Namibia: Gobabis District: 40 km west of Witvlei (CAS). – Antropov, 2006:205 (in key to species of *Oxybelomorpha*).

14. *pulawskii* Antropov

Oxybelomorpha pulawskii Antropov, 2005b:987, ♀, ♂. Holotype: ♂, South Africa: Western Cape Province: near Swartberg Pass at 33°20'S 22°02'E (CAS). – Antropov, 2006:206 (in key to species of *Oxybelomorpha*).

15. *rhodesiana* (Arnold)

Belomicrus rhodesianus Arnold, 1927:65, ♀, ♂. Lectotype: ♀, Zimbabwe: Sawmills (SAM), designated by Antropov, 2005d:1339. – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:364 (in checklist of world Sphecidae); Dollfuss, 1989:7 (paratype in NHMW). – **As *Oxybelomorpha rhodesiana***: Antropov, 2005d:1339 (new generic assignment, in revision of *Oxybelomorpha*), 2006:205 (in key to species of *Oxybelomorpha*).

16. rubicunda Antropov

Oxybelomorpha rubicunda Antropov, 2005d:1350, ♀. Holotype: ♀, Namibia: Lüderitz District: Dreimasterpunkt at 27°34'S 15°28'E (State Museum, Windhoek, Namibia). – Antropov, 2006:205 (in key to species of *Oxybelomorpha*).

17. rufiventris (Arnold)

Belomicrus rufiventris Arnold, 1936:30, ♂. Holotype: ♂, South Africa: Western Cape Province: Van Rhynsdorp (TMP). – R. Bohart and Menke, 1976:364 (in checklist of world Sphecidae). – **As *Oxybelomorpha rufiventris***: Antropov, 2005a:833 (in revision of *Oxybelomorpha*, description of ♀), 2006:205 (in key to species of *Oxybelomorpha*).

18. separata Antropov

Oxybelomorpha separata Antropov, 2005c:1105, ♀. Holotype: ♀, South Africa: Northern Cape Province: Groenriviersmond coast (OÖLM). – Antropov, 2006:205 (in key to species of *Oxybelomorpha*).

19. sgesae Antropov

Oxybelomorpha sgesae Antropov, 2005b:991, ♀, ♂. Holotype: ♀, South Africa: Western Cape Province: 18.8 km from Clanwilliam on old road to Citrusdal (AMG). – Antropov, 2006:206 (in key to species of *Oxybelomorpha*).

20. sordida (Arnold)

Belomicrus sordidus Arnold, 1927:71, ♀, ♂. Lectotype: ♀, South Africa: Eastern Cape Province: Aliwal North (BMNH), designated by Antropov, 2005c:1107. – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:364 (in checklist of world Sphecidae). – **As *Oxybelomorpha sordida***: Antropov, 2005c:1107 (new generic assignment, in revision of *Oxybelomorpha*), 2006:205 (in key to species of *Oxybelomorpha*).

21. steckii (Kohl)

Belomicrus steckii Kohl, 1923:188, ♀ (as *Steckii*, incorrect original capitalization). Holotype: ♀, southern France: no specific locality (NHMW). – Kohl, 1923:119 (in key to species of world *Belomicrus*); Berland, 1925d:212 (in Sphecid Fauna of France); Pate, 1940:232 (affinities, bibliographic references); de Beaumont, 1957a:157 (Morocco; redescription); Mingo Pérez, 1966:106 (Spain, Portugal); Suárez, 1969:34 (Spain: Almería Province); Balthasar, 1972:168 (in Sphecid Fauna of Czechoslovakia: can be expected in the country); R. Bohart and Menke, 1976:363 (in checklist of world Sphecidae); Gayubo, 1982b:8 (Spain: Ávila: Tremedal), 1882e:102 (Spain: Cádiz Province); Gayubo and Sanza, 1986:56 (Spain: Burgos); Dollfuss, 1991:126 (in key to Sphecidae of North and Central Europe); Guichard, 1991b:365 (diagnostic characters); Bitsch and Leclercq, 1993:236 (in revision of western European Crabroninae); Leclercq, 1993c:45 (reference to Gayubo and Sanza, 1986); Torregrosa, Gayubo, Tormos, and Asís, 1993:19 (Spain: Alicante Province); Gayubo, Asís, and Tormos, 1998b: 14 (in review of Spanish *Belomicrus*); Gonzáles, Gayubo, and Torres, 1998:74, 75 (Spain: Valladolid Province); Gayubo, García, Torres, and González, 1999:90 (Spain: Soria Province); González, Gayubo, and Torres, 1999:355 (Spain: Valladolid: Viana de Cega); 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. 2004:131 (Spain: Madrid: Estación Biogeológica de El Ventorrillo in Sierra de Guadarrama); Baños-Picón, Gayubo, and Tormos, 2009:312 (Spain: frequency of specimens collected with hand nets and Malaise traps). – **As *Oxybelomorpha steckii***: Antropov, 2006:197 (new generic assignment, in revision of *Oxybelomorpha*, description of ♂), 207 (in key to species of *Oxybelomorpha*); Gayubo, González, Tormos, and Asís, 2008:139 (Spain: Salamanca: Parque Natural de Las Batuecas – Sierra de Francia); Bitsch and Leclercq, 2009:227 (in supplement to vol. I of Faune de France, 1993: never found again in France, recently collected in Portugal and Spain); Gayubo, González, Tormos, and Asís, 2009:364 (Spain: Valladolid: Reserva Natural Riberas de Castronuño–Vega del Duero); González, Gayubo, Asís, and Tormos, 2009:624 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park); Cruz-Sánchez, Asís, Gayubo, Tormos, and González, 2011:499 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park: effects of wildfire); Cross, Baldock, and Wood, 2021:52 (in catalog of Sphecidae *sensu lato* of Portugal); Leclercq, Bitsch, K. Schmidt, and Antropov in Bitsch, Antropov, Gayubo, Leclercq, Schmid-Egger, K. Schmidt, and Straka, 2021:328 (in revision of Sphecidae *sensu lato* of Europe); Schmid-Egger, 2021:1258 (in

key to *Belomicrus* and *Oxybelomorpha* of northwestern Africa and Spain), 1266 (Spain: Almería: Almerimar: Punte Entinas: Sabinas Parco Natural 38.469°N 3.520W°).

22. *turneri* (Arnold)

Belomicrus turneri Arnold, 1927:66, ♀, ♂ (as *Turneri*, incorrect original capitalization). Lectotype: ♀, South Africa: Western Cape Province: Ceres (BMNH), designated by Antropov, 2005d:1343. – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae); R. Bohart and Menke, 1976:364 (in checklist of world Sphecidae). – **As *Oxybelomorpha turneri***: Antropov, 2005d:1343 (new generic assignment, in revision of *Oxybelomorpha*), 2006:205 (in key to species of *Oxybelomorpha*).

23. *waterstonii* (Kohl)

Belomicrus waterstonii Kohl, 1924:263, ♀ (as *Waterstonii*, incorrect original capitalization). Holotype: ♀, Israel: Jerisheh northeast of Jaffa (BMNH). – Kohl, 1923:122 (in key to species of world *Belomicrus*); de Beaumont, Bytinski-Salz and Pulawski, 1973:25 (cited from Palestine by Kohl, 1923); R. Bohart and Menke, 1976:264 (in checklist of world Sphecidae); Guichard, 1991:364 (Egypt: Gebel Elba); Leclercq, 1993c:45 (geographic distribution). – **As *Oxybelomorpha waterstonii***: Antropov, 2005e:1456 (new generic assignment, in revision of *Oxybelomorpha*), 2006:207 (in key to species of *Oxybelomorpha*); Roche, 2007a:101 and 2007b:6 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae).

24. *wojciechi* Antropov

Oxybelomorpha wojciechi Antropov, 2005d:1347, ♀, ♂. Holotype: ♀, Namibia: Karibib District: 15 km west of Karibib (CAS). – Antropov, 2006:205 (in key to species of *Oxybelomorpha*).