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## **POLEMISTUS**

*Polemistus* de Saussure, 1892:565. Type species: *Polemistus macilentus* de Saussure, 1892, designated by Pate, 1937c:52. *Asiatomistus* Tsuneki, 1992b:53. Not available: type species not designated (Article 13b).

*Asiatomistus* Tsuneki, 1993:38. Type species: *Passaloecus barrabas* Pagden, 1933, by original designation. Validation of *Asiatomistus* Tsuneki, 1992b:53

Revisions: Menke and Vincent, 1983 (New World); Tsuneki, 1992e (key to Oriental species); L. Ma and Q. Li, 2020 (China).

Review of biology: Kazenas, 2001b:125

### **1. *abnormis* (Kohl)**

*Passaloecus abnormis* Kohl, 1888b:726, ♀. Holotype or syntypes: ♀, Krain: Wippach, now: Slovenia: Vipava (NHMW). – Dalla Torre, 1897:367 (in catalog of world Hymenoptera); Mocsáry, 1900:78 (Kingdom of Hungary: Orsova, now in Romania); Kohl, 1905d:518 (in key to Palearctic *Passaloecus*); Schmiedeknecht, 1907:209 (in keys to Hymenoptera of Central Europe), 1930:671 (in keys to Hymenoptera of North and Central Europe); Yasumatsu, 1934d:109 (in checklist of world *Passaloecus*); Šnoflak in Zavadil and Šnoflak, 1948:46 (in key to Sphecidae of Czechoslovakia, not yet found in Czechoslovakia); Tsuneki, 1955c:3, 4 (in key to *Passaloecus* of Japan), 12 (Korea; Japan: Hokkaido, Hondo; redescription); Vogrin, 1955:39 (Yugoslavia); Bajári, 1957a:87 (in key to Hungarian Sphecidae); Tsuneki and Shimoyama, 1963:49 (Japan: Towada Prefecture); Haneda, 1968a:45 (Japan); Minamikawa, 1968:45 (Japan: Tokyo Province: nesting in walls of wooden temple at Higashi Murayama City); Nambu, 1968b:25 (Japan: Saitama Prefecture); Tano, 1968:33 (Japan); Tsuneki, 1971n:85, 87 (in key to Japanese *Passaloecus*); Balthasar, 1972:197 (in Sphecid Fauna of Czechoslovakia: may be expected in the country); Nambu, 1973a:152 (Japan: Saitama Prefecture); Merisuo, 1974a:14 (member of *abnormis* species group); Nambu, 1975b:69 (Japan: Saitama Prefecture); Pulawski, 1978:246 (in key to Sphecidae of European part of former USSR). – **As *Polemistus abnormis***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Pagliano, 1980:131 (Italy: Piemonte); Dollfuss and Ressler, 1981:316, 322 (Austria: Niederösterreich: Scheibbs District); Tsuneki, 1982b:14 (known from Korea); Dollfuss, 1983a:76 (endangered in Niederösterreich, Austria), 1983b:8 (in catalog of Sphecidae of Austria); Schmidt, 1984:289 (Germany: Baden-Württemberg); Paik, 1985:198 (in list of Sphecidae of Korea); Dollfuss, 1987:19 (Austria); Amiet, 1989:290 (first record from Switzerland); Dollfuss, 1989:12 (holotype in NHMW); Pagliano, 1990:117 (in catalog of Italian Sphecidae); Schwammerberger and Priesner, 1990:538 (Austria: Kärnten); Day, 1991:xviii (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:78 (in key to Sphecidae of North and Central Europe); Gusenleitner, 1991:645 (Austria: Oberösterreich: St. Georgen/Gusen area); Józán, 1992c:289 (first record from Hungary: Zselic Hills); Tsuneki, 1992e:54 (in key to Oriental *Polemistus*); Dollfuss, 1994:103 (endangered in Austria); Budrys in Nemkov, Kazenas, Budrys, et Antropov, 1995:404 (in key to Sphecidae of Russian Far East); Negrisolo in Minelli, Ruffo, and La Posta, 1995b:11 (in catalog of Italian fauna); Gusenleitner, 1996a:7 (Austria: Burgenland, Steiermark), 1996b:810 (Austria: Burgenland, Steiermark); Schmid-Egger, Schmidt, and Doczkal, 1996:378 (Germany: Baden-Württemberg: probably endangered); Kazenas and Esenbekova, 1997:27 (first record from Kazakhstan: near Alma Ata; description of nest); Schmidt and Schmid-Egger, 1997:26 (in checklist of German Sphecidae); Budrys, 1998:82 (Russia: Belgorod Oblast': Borisovka at 50°36'N 36°04'E), 84 (Russia: Primorskiy Kray, nesting in canopy); Dollfuss, Gusenleitner, and Bregant, 1998:512 (Austria: summary of collecting records from Burgenland); Józán, 1998:306, 311 (Hungary: Duna-Dráva National Park); Wiśniowski and Kowalczyk, 1998:220 (first records from Poland: Kampinos National Park, Bolimów, Paniowy, Woźniki); Neumayer, Schwarz, and Bregant, 1999:225 (Austria: in checklist of

Sphecidae of Land Kärnten); M. Schwarz, 1999:85 (Austria: Oberösterreich: city of Linz area); Blösch, 2000:200 (in Sphecidae Fauna of Germany); Esenbekova and Kazenas, 2000:22 (southeast Kazakhstan: near Alma Ata); Kazenas, 2000e:160 (in Sphecidae Fauna of Kazakhstan); Józán, 2000:106 (Hungary: Bakony Mountains: Pécsely); Schmid-Egger, 2000b:276, 280 (Germany: Baden-Württemberg: shores of Rhine River); Vepřek, 2000:235 (Czech Republic: Kochanovci); Zettel, 2000:26 (Austria: Wien); Dollfuss and Bitsch *in* Bitsch et al., 2001:108 (in Sphecidae Fauna of Western Europe); Józán, 2001:278 (Hungary: Somogy County); Kazenas, 2001:22 (in checklist of Sphecidae of Kazakhstan and Central Asia), 126 (nesting habits); Ohl et al., 2001:141 (distribution in Germany by provinces); Szczepko and Kowalczyk, 2001:187 (Poland: Kampinos National Park near Warszawa); Zettel, Gross, and Mazzucco, 2001:70 (Austria: Wien); Amiet and Moretti, 2002:177, 178 (Switzerland: Tessin); Kazenas, 2002a:53 (geographic distribution, in Kazakhstan: Rakhat near Alma-Ata); Kowalczyk, Szczepko, and Świątek, 2002:153 (Poland: Kampinos National Park near Warszawa); Wiśniowski, 2002:69 (Poland: Ojców National Park); Esenbekova and Kazenas, 2003:6, 12, and 54 (Kazakhstan: foothills of Zailiyskiy Alatau: nesting in artificial nests), 63 (nest structure in artificial nest); Haneda, 2003:4 (Japan: Nagasaki Prefecture: Tsushima); Wiśniowski *in* Dylewska and Wiśniowski, 2003:145 (Poland: Ojców National Park); Deván, 2004:147 (western Slovakia); Dollfuss, 2004a:121 (China: Monan River at 34.7°N 111.7°E, Thailand: Mae Hong Son Province: Soppong at 19°27'N 98°20'E); Majzlan and Deván, 2004:30 (Slovakia: Sekule); Salzmann-Wandeler and Rezbanyai-Reser, 2004:27 (central Switzerland); Skibińska *in* Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:357 (in catalog of Polish Crabronidae); Suda, 2004:36 (Japan: Yamanashi Prefecture); Szczepko and Kowalczyk, 2004:125 (Poland: Kampinos National Park near Warszawa); Wiśniowski, 2004:41 and 60 (in checklist of Polish Sphecidae); Haneda, Nozaka, Tano, Kurokawa, and Murota, 2005:46 (Japan: Gifu Prefecture); Herrmann, 2005:6 (Germany: Baden-Württemberg: Mainauwald 4 km north of Konstanz, Wollmatinger Ried Nature Reserve); Pagliano and Negrisolo, 2005:478 (in Sphecidae Fauna of Italy); Straka, 2005a:399 (critically endangered in Czech Republic); Wiśniowski, 2005a:312 (Poland: Ojców National Park; found only on wooden buildings); Haneda, Nozaka, Tano, Kurokawa and Murota, 2006a:21 (Japan: Toyama Prefecture); Jacobs, 2007:81 (in key to Crabronidae of Germany); Józán, 2006a:286 (Hungary: Béda-Karapanca section of Duna-Drava National Park); Bitsch, Dollfuss, Bouček, Schmidt, Schmid-Egger, Gayubo, Antropov, and Barbier, 2007:457 (recorded from Poland by Wiśniowski, 2004, 2005a, and from Switzerland by Amiet, 1989, Amiet and Moretti, 2002, and Salzmann-Wandeler and Rezbanyai-Reser, 2004); Józán, 2007:179 (Hungary: Zselic hills); Vepřek and Straka, 2007:201 (in catalog of Sphecidae of Czech Republic and Slovakia, known only from Moravia and Slovakia), 218 (recorded from Slovakia by Vepřek, 2000; first record from Czech Republic: Moravia: Čučice, Dolenice, Lednice); Kazenas, 2008a:100 (Southeastern Kazakhstan: village Rakhat near Alma Ata); Nemkov, 2008b:19 (in catalog of Crabronidae of Asiatic Russia); Wiśniowski, 2008:635 (Poland: Ojców National Park, collected in 1996-1998); Nemkov, 2009b:70 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); J. Kim and Yang, 2010:147 (in checklist of Korean Pemphredoninae); Mokrousov, 2010a:63 (Russia: Nizhniy Novgorod Oblast': no specific localities), 2010b:100 (Russia: Nizhniy Novgorod Oblast': no specific localities); Schmid-Egger, 2010a:18 (in red list of Aculeata of Germany: relatively common), 2010c:73 (Germany: not endangered); Baghirov, 2011b:152 (Russia: Altayskiy Kray: Savvushka; Altay Republic: Kosh-Agach); Mokrousov, 2011:407 (Russia: Nizhniy Novgorod Oblast'); Tischendorf, Frommer, Flügel et al., 2011:185 (known from Germany, but not from Hessen); Nemkov, 2012c:437 (in catalog of Crabronidae of Russian Far East); Reder, 2012b:733 (Germany: first record from Rheinland-Pfalz: Nature Reserve Hinterer Roxheimer Altrhein); Terayama, 2012:2 (in key to Pemphredonini of Japan), 10 (description), 19 (in checklist of Pemphredonini of Japan); Bitsch, 2014:408 (France: Lot: Cabrerets; recorded from Germany by Reder, 2012b); J.-K. Kim, 2014:443 (in catalog of Sphecidae *sensu lato* of Korean Peninsula), 451 (recorded from Korea but not occurring there); Ohkusa, 2014b:38 (Japan: city of Osaka); Wiśniowski, 2016:130 (Poland: Ojców National Park); Di Giovanni, Mei, and Cerretti, 2017:73 (Italy: Lombardia: Riserva Naturale Bosco della Fontana 5 km from Mantova at 45°12'N 10°44'E, found in canopy); Mokrousov, 2017e:249 (in catalog of Pemphredoninae of Russia); Carminati, Mora, and Cretin, 2019:24 (France: in list of Sphecidae *sensu lato* of Franche-Comté); Kurokawa, Tano, and Murota, 2019:39 (Japan: Gifu Prefecture: Gero City); L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of

China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China); Herb and Schmid-Egger, 2021:9 (Germany: Bayern: Kaufbeuren area); Olszewski, Wiśniowski, and Ljubomirov, 2021:99 (in commented list of Sphecidae *sensu lato* of Poland); Dollfuss, Bitsch, and K. Schmidt in Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:124 (in revision of Sphecidae *sensu lato* of Europe).

## 2. *alishanus* (Tsuneki)

*Passaloecus alishanus* Tsuneki, 1971j:13, ♀. Holotype: ♀, Taiwan: Chiai Prefecture: Kansitaku, now Kuanghua (originally K. Tsuneki coll., now Hyogo Mus.). – Tano, 1995:43 (holotype in K. Tsuneki collection); Hashimoto and Nakanishi, 1997:23 (holotype transferred to Hyogo Mus.). – **As *Polemistus alishanus***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1992e:57 (in key to Oriental *Polemistus*, as *alishana*); Porter, Stange, and Wang, 1999:7 (in checklist of Sphecidae of Taiwan); Hua, 2006:282 (in list of Chinese insects, geographic distribution); L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China).

## 3. *annulicornis* (Tsuneki)

*Passaloecus annulicornis* Tsuneki, 1966c:19, ♂. Holotype: ♂, Ryukyus Islands: Tokunoshima Island: Mikyo (Bishop Mus.). – Tsuneki, 1971n:86 (in key to Japanese *Passaloecus*). – **As *Polemistus annulicornis***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1982g:57 (known from the Ryukyu archipelago); Tsuneki, 1992e:55, 57 (in key to Oriental *Polemistus*); Yamane, Ikudome, and Terayama, 1999:492 (Japan: in Identification Guide to Crabronidae of Nansei = Ryukyu Islands); Haneda, Nozaka, Tano, Kurokawa, Murota, and Murota, 2007:53 (Japan: Kagoshima Prefecture: Amami Oshima Islands).

## 4. *antennatus* Tsuneki

*Polemistus antennatus* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:20, ♀, ♂. Holotype: ♂, Philippines: Mindanao: Bukidnon, Sunge (USNM). – Tsuneki, 1992e:55 (in key); Nuhn and Menke, 1994:25 (holotype in USNM).

## 5. *baliensis* Tsuneki

*Polemistus baliensis* Tsuneki, 1992d:49, ♀, ♂. Holotype: ♂, Indonesia: Bali: Kata Beach (originally K. Tsuneki coll., now?). – Tsuneki, 1992e:55, 56 (in key to Oriental *Polemistus*); Dollfuss, 2004a:121 (Laos: Khammouan Province: Ban Khoun Ngeun at 18°07'N 104°26'E).

## 6. *bandraensis* (Giner Marí)

*Passaloecus bandraensis* Giner Marí, 1945c:848, ♂. Holotype: ♂, India: Maharashtra: Bandra (MNCN). – **As *Polemistus bandraensis***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae). – Tsuneki, 1992e:55 (in key to Oriental *Polemistus*).

## 7. *barabbas* (Pagden)

*Passaloecus barabbas* Pagden, 1933:93, ♀, ♂. Holotype: ♀, Malaysia: Perak: Parit Buntar (BMNH). – Yasumatsu, 1934d:109 (in checklist of world *Passaloecus*), 212 (in key to Oriental *Passaloecus*); Iwata and Yoshikawa, 1961:400 (Thailand); Tsuneki, 1974b:644 (Thailand). – **As *Polemistus barabbas***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1992e:56 (in key to Oriental *Polemistus*).

## 8. *bequaerti* (Arnold)

*Passaloecus bequaerti* Arnold, 1929c:406, ♀ (as *Bequaerti*, incorrect original capitalization). Holotype: ♀, Zaire: Katanga: Lubumbashi (MR). – Arnold, 1930:9 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:92 (Zaire); nec Arnold, 1943:82 (= *Polemistus braunsii apterinus*); Leclercq, 1959a:52 (in key to Afrotropical *Passaloecus*, discussion of known material). – **As *Polemistus bequaerti***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae).

### 9. *bidentatus* Tsuneki

*Polemistus bidentatus* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:19, ♂. Holotype: ♂, Philippines: Mindanao: Bukidnon, Malaybalay (USNM). – Tsuneki, 1992e:57 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:25 (holotype in USNM).

### 10. *braunsii* (Kohl)

*Passaloecus braunsii* Kohl, 1905b:361, ♂ (as *Braunsii*, incorrect original capitalization). Holotype or syntypes: ♂, South Africa: Eastern Cape Province: Algoa Bay (TMP or NHMW?). – Kohl, 1905d:528 (in checklist of world *Passaloecus*); Arnold, 1923c:52 (in revision of Southern African Sphecidae, as *Braunsi*), 1930:9 (in checklist of Afrotropical Sphecidae); Schouteden, 1930:92 (Zaire); Arnold, 1933a:354 (Ethiopia: Addis Ababa and Harar District); Yasumatsu, 1934d:109 (in checklist of world *Passaloecus*); Arnold, 1943:82 (Zaire: Albert National Park); Leclercq, 1959a:51 (in key to Afrotropical *Passaloecus*), 53 (variation, locality records from Ethiopia, South Africa, Uganda, Zaire, Zimbabwe), 1961:65 (Zaire); de Beaumont, 1967b:511 (South Africa: Basutoland, now Lesotho). – **As *Polemistus braunsii***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Rodgers and Homewood, 1982:233 (Tanzania: Usambara Mountains); Dollfuss, 1989:12 (type material in NHMW), 2004a:121 (Central African Republic, Kenya, Malawi, South Africa, Zimbabwe); Madl, 2014a:994 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Madagascar, with synonymy and locality records, as *braunsii braunsii*); Gadallah and Abu El-Ghiet, 2024:89 (Saudi Arabia: Jazan Province: Abu Arish, Fayfa); Gadallah, Edmardash, Abu El-Ghiet, Al-Fifi, 2024:566 (first record from Saudi Arabia: Jazan Province: Fifa Mountain: Almukhafih Farm at 17°16'07"N 43°07'32.3"E).

*Passaloecus striatifrons* Cameron, 1910:151, ♀. Holotype or syntypes: South Africa: Transvaal: no specific locality (TMP). Synonymized with *Passaloecus braunsii* by Arnold, 1923c:52. – Brauns, 1917:242 (type in TMP); Yasumatsu, 1934d:111 (in checklist of world *Passaloecus*).

*Passaloecus dorsalis* Kohl in Bordage, 1912:84, ♀. Syntypes: ♀, Island of Réunion (NHMW). Synonymized with *Passaloecus braunsii* by Leclercq, 1959a:53. – Bordage, 1912:70 (Island of Réunion: nesting habits); Yasumatsu, 1934d:110 (in checklist of world *Passaloecus*); Leclercq, 1959a:51 (in key to Afrotropical *Passaloecus*); Dollfuss, 1989:12 (type material in NHMW).

*Passaloecus ghesquierei* Leclercq, 1955:422, ♀ (as *ghesquierei*, incorrect original diacritic mark). Holotype: ♀, Zaire: Rutshuru (Inst. Roy. Sci. Nat. Belgique). Synonymized with *Passaloecus braunsii* by Leclercq, 1959a:53.

### *ssp. apterinus* (Leclercq)

As *Passaloecus bequaerti*: Arnold, 1943:82 (Zaire: Albert National Park), corrected to *Passaloecus braunsii* var. *apterinus* by Leclercq, 1959a:52.

*Passaloecus braunsii apterinus* Leclercq, 1959a:56, ♀. Holotype: ♀, Zaire: Upemba National Park (MRAC). – Leclercq, 1959a:51 (in key to Afrotropical *Passaloecus*). – **As *Polemistus braunsii apterinus***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae).

### *ssp. ferrugineipes* (Arnold)

*Passaloecus braunsi* var. *ferrugineipes* Arnold, 1929c:406, ♀. Holotype: ♀, Liberia: Memeh Town (MRAC). – Arnold, 1930:9 (in checklist of Afrotropical Sphecidae); Leclercq, 1959a:51 (in key to Afrotropical *Passaloecus*). – As *Passaloecus braunsii ferrugineipes*: Leclercq, 1959a:55 (new status, Zaire, diagnostic characters). – **As *Polemistus braunsi ferrugineipes***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Simon Thomas and Wiering, 1993:404 (Cape Verde Islands: Santiago Island; Senegal); Central African Republic).

### 11. *cebuensis* Tsuneki

*Polemistus cebuensis* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:19, ♂. Holotype: ♂, Philippines: Cebu Island: no specific locality (USNM). – Tsuneki, 1992e:54 (in key to Afrotropical *Passaloecus*); Nuhn and Menke, 1994:25 (holotype in USNM).

## 12. *chewbacca* Menke

*Polemistus chewbacca* Menke in Menke and Vincent, 1983:173, ♂, ♀. Holotype: ♂, USA: Arizona: Cochise County: 5 mi. west of Portal (Cornell Univ.).

## 13. *clypeisinuatus* L. Ma and Q. Li

*Polemistus clypeisinuatus* L. Ma and Q. Li, 2020:477, ♂. Holotype: ♂, China: Zhejiang: Longquan: Fengyang Mount at 27°54'N 119°10'E (Zhejiang University, Hangzhou, Zhejiang Province, China). – L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China).

## 14. *dickboharti* Menke

*Polemistus dickboharti* Menke in Menke and Vincent, 1983:168, ♂, ♀. Holotype: ♂, USA: Arizona: Cochise County: Portal (Cornell Univ.). Paratypes: California, Utah; Mexico: Sonora. – Amarante, 2002:52 (in catalog of Neotropical Crabronidae).

## 15. *divaricatus* L. Ma and Q. Li

*Polemistus divaricatus* L. Ma and Q. Li, 2020:478, ♀. Holotype: ♀, China: Yunnan: Jinghong: Xishuangbanna National Nature Reserve at 21°58'N 100°51'E (Yunnan Agricultural University, Kunming, Yunnan Province, China). – L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China).

## 16. *dudgeoni* (Nurse)

*Passaloecus dudgeoni* Nurse, 1903b:12, ♀. Syntypes: ♀, India: Punjab: Kangra Valley (BMNH). – Ramakrishna Aiyar, 1916:556 (in catalog of Indian aculeates described after Bingham, 1897). – Kohl, 1905d:528 (in checklist of world *Passaloecus*); Yasumatsu, 1934d:110 (in checklist of world *Passaloecus*), 212 (in key to Oriental *Passaloecus*). – **As *Polemistus dudgeoni***: Yarrow in Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1992e:53 (in key to Oriental *Polemistus*).

## 17. *exul* R. Turner

*Polemistus exul* R. Turner, 1907:274, ♀. Holotype or syntypes: ♀, Australia: Queensland: Mackay (BMNH). – R. Bohart and Menke, 1976:185 (in checklist of world Sphecidae); Cardale, 1985:230 (in catalog of Australian Sphecidae); Dollfuss, 1989:12 (type material in NHMW, as *exulans*). – **As *Passaloecus exul***: R. Turner, 1916a:128 (new combination); Yasumatsu, 1934d:110 (in checklist of world *Passaloecus*).

## 18. *formosus* (Tsuneki)

*Passaloecus formosus* Tsuneki, 1967f:10, ♀. Holotype: ♀, Taiwan: Chiayi Prefecture: Fenchihu (originally K. Tsuneki coll., now Hyogo Mus.). – Tsuneki, 1971j:13 (Taiwan), 1977c:12 (Taiwan: Nantou Prefecture: Wushe); Tano, 1995:43 (holotype in K. Tsuneki collection); Hashimoto and Nakanishi, 1997:25 (holotype transferred to Hyogo Mus.); Hua, 2006:281 (in list of Chinese insects, geographic distribution). – **As *Polemistus formosus***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1992e:55 (in key to Oriental *Polemistus*); Porter, Stange, and Wang, 1999:7 (in checklist of Sphecidae of Taiwan); Hua, 2006:282 (in list of Chinese insects, geographic distribution); L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China).

## 19. *fukuitor* Tsuneki

*Polemistus fukuitor* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:15, ♀, ♂. Holotype: ♀, Philippines: Mindanao: Bukidnon, Sunge (USNM). – Tsuneki, 1992e:54, 57 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:25 (holotype in USNM); Dollfuss, 2004a:121 (Laos, Thailand); L. Ma, X.X. Chen, and Q. Li, 2011b:205 (first record from China); L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China); Girish Kumar, Sen, Hegde, and Rabeesh, 2024:425

(diagnostic characters, India: Idukki District: Kuttikanam: Stagbrook tea plantation at 9.599250°N 76.963637°E); Barthélémy and Guénard, 2025:32 (China: Hong Kong).

## 20. *gutianus* L. Ma and Q. Li

*Polemistus gutianus* L. Ma and Q. Li, 2020:480, ♀, ♂. Holotype: ♀, China: Zhejiang: Gutian Mountain: Gutian Temple at 29°15'N 118°09'E (Zhejiang University, Hangzhou, Zhejiang Province, China). – L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China).

## 21. *levipes* (Bingham)

*Passaloecus levipes* Bingham, 1897:268, ♀. Holotype or syntypes: ♀, Burma: Tenasserim: Karennee (BMNH). – Kohl, 1905d:528 (in checklist of world *Passaloecus*); Yasumatsu, 1934d:110 (in checklist of world *Passaloecus*), 212 (in key to Oriental *Passaloecus*). – **As *Polemistus levipes***: Yarrow in Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1992e:53 (in key to Oriental *Polemistus*).

## 22. *luzonensis* Rohwer

*Polemistus luzonensis* Rohwer, 1919:5, ♀. Holotype: ♀, Philippines: Luzon: Los Baños (USNM). – R. Bohart and Menke, 1976:185 (in checklist of world Sphecidae); Tsuneki, 1992e:56, 57 (in key to Oriental *Polemistus*); Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:28 (Philippines, redescription); Dollfuss, 2004a:122 (Laos: Louangnamtha Province: Namtha Muang Sing at 21°09'N 101°19'E, Thailand: Mae Hong Son Province: Soppong area); Haneda, 2011:44 (Philippines: Palawan: Puerto Princesa). – **As *Passaloecus luzonensis***: Yasumatsu, 1934d:110 (new combination, in checklist of world *Passaloecus*); Baltazar, 1966:342 (in catalog of Hymenoptera of Philippines); Tsuneki, 1976b:95 (Philippines; redescription).

## 23. *macilentus* de Saussure

*Polemistus macilentus* de Saussure, 1892:567, ♀. Holotype: ♀, Madagascar: Bezanozano Province: Anosibé (MHNG). – Dalla Torre, 1897:370 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:185 (in checklist of world Sphecidae); Pulawski, 2003b:798 (in checklist of Malagasy Sphecidae); Madl, 2014a:994 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Madagascar, with synonymy and locality records). – **As *Passaloecus macilentus***: Kohl, 1905d:528 (new combination, in checklist of world *Passaloecus*); W. Schulz, 1911b:142 (redescription); Yasumatsu, 1934d:110 (in checklist of world *Passaloecus*); Arnold, 1945:151 (in revision of Madagascar Sphecidae); Leclercq, 1959a:50 (in key to Afrotropical *Passaloecus*).

## 24. *mindanaonis* Tsuneki

*Polemistus mindanaonis* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:23, ♀, ♂. Holotype: ♂, Philippines: Mindanao: Davao (USNM). – Tsuneki, 1992e:55, 56 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:26 (holotype in USNM); L. Ma, X.X. Chen, and Q. Li, 2011b:205 (first record from China); L. Ma and Q. Li, 2020:476 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China).

## 25. *nambui* Tsuneki

*Polemistus nambui* Tsuneki, 1992d:51, ♂. Holotype: ♂, Indonesia: North Sumatra: Prapat (originally K. Tsuneki coll., now?). – Tsuneki, 1992e:55 (in key to Oriental *Polemistus*).

## 26. *niger* Tsuneki

*Polemistus niger* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:14, ♀. Holotype: ♀, Philippines: Luzon: Baguio, Mines View Park (USNM). – Tsuneki, 1992e:54 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:26 (holotype in USNM).

**27. *palawanensis* Tsuneki**

*Polemistus palawanensis* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:35, ♀, ♂. Holotype: ♂, Philippines: Palawan: Iwahig (USNM). – Tsuneki, 1992e:56, 57 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:26 (holotype in USNM); Dollfuss, 2004a:122 (Borneo, Laos, Thailand); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1064 (first record from China: Yunnan: Xishuangbanna Tropical Botanical Garden at 21°52'N 101°19'E).

**28. *pediflavus* L. Ma and Q. Li**

*Polemistus pediflavus* L. Ma and Q. Li, 2020:482, ♀. Holotype: ♀, China: Yunnan: Jinghong: Xishuangbanna National Nature Reserve at 21°58'N 100°51'E (Yunnan Agricultural University, Kunming, Yunnan Province, China). – L. Ma and Q. Li, 2020:477 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1063 (in list of *Polemistus* of China).

**29. *philippinensis* Tsuneki**

*Polemistus philippinensis* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota ♀. Holotype: ♀, Holotype: ♂, Philippines: Palawan: Iwahig (USNM). – Tsuneki, 1992e:56, 57 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:26 (holotype in USNM); Dollfuss, 2004a:122 (Indonesia: Sumatra: Riau Province: Bukit Tigapuluh National Park at 0°50'S. 102°26'E; Thailand: Chumphon Province: Pha To area)

**30. *pusillus* de Saussure**

*Polemistus pusillus* de Saussure, 1892:567, ♂. Holotype: ♂: “Mexico calida (Cordoba)” (MHNG). – Dalla Torre, 1897:370 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:185 (in checklist of world Sphecidae; USA: Utah, Arizona; Mexico); Krombein, 1979b:1606 (in catalog of North American Hymenoptera); Menke and Vincent, 1983:166 (revision, known only from Mexico); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:667 (in checklist of Mexican Sphecidae). – **As *Passaloecus pusillus***: Kohl, 1905d:529 (new combination, junior secondary homonym of *Passaloecus pusillus* (Say, 1837:378) Rau, 1943:648, now in *Spilomena*; in checklist of world *Passaloecus*), W. Schulz, 1911b:142 (is a member of *Passaloecus*), 143 (redescription); Yasumatsu, 1934d:111 (in checklist of world *Passaloecus*); Rau, 1943:648 (nesting habits).

**31. *quadridentatus* Tsuneki**

*Polemistus quadridentatus* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:27, ♂. Holotype: ♂, Philippines: Palawan: Iwahig (USNM). – Tsuneki, 1992e:55 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:26 (holotype in USNM).

**32. *raoi* Sudheendrakumar and Narendran**

*Polemistus raoi* Sudheendrakumar and Narendran, 1985:53, ♀. Holotype: ♀, India: Kerala: Malabar: Nilambur (originally Calicut Univ., now USNM).

**33. *reticulatus* (Cameron)**

*Passaloecus reticulatus* Cameron, 1898b:27, ♀. Holotype or syntypes: ♀, India: Bengal: Barrackpore 20 km N Calcutta (OXUM). – Rothney, 1903:105 (India: West Bengal: Barrackpore); Kohl, 1905d:529 (in checklist of world *Passaloecus*); Ramakrishna Aiyar, 1916:556 (in catalog of Indian aculeates described after Bingham, 1897); Maidl, 1925a:379 (Sumatra); Yasumatsu, 1934d:111 (in checklist of world *Passaloecus*), 212 (in key to Oriental *Passaloecus*). – **As *Polemistus reticulatus***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1992e:56 (in key to Oriental *Polemistus*).

**34. *schoutedeni* (Leclercq)**

*Passaloecus schoutedeni* Leclercq, 1959a:52, ♀, ♂. Holotype: ♀, Zaire: Haut-Uele: Abimwa (MRAC). – Leclercq, 1959a:52 (in key to Afrotropical *Passaloecus*, diagnostic characters, locality records), 1961b:65 (Zaire). – **As *Polemistus schoutedeni***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Simon

Thomas and Wiering, 1993:404 (Cape Verde Islands: Sanytiago Island; Ivory Coast); Dollfuss, 2004a:122 (Central African Republic: Kembe at 4°29'N 21°53'E).

### 35. *siamensis* (Cockerell)

*Passaloecus siamensis* Cockerell, 1931:37, ♀. Holotype or syntypes: ♀, northern Thailand: Kum Puang Creek (BMNH). – Yasumatsu, 1934d:111 (in checklist of world *Passaloecus*), 212 (in key to Oriental *Passaloecus*); Tsuneki, 1961b:389 (Thailand: Doi Chieng Dao; description of ♂), 1974b:643 (Thailand; additional description). – **As *Polemistus siamensis***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Tsuneki, 1992e:54 (in key to Oriental *Polemistus*).

### 36. *stieglmayri* (Kohl)

*Passaloecus stieglmayri* Kohl, 1905b:359, ♀ (as *Stieglmayri*, incorrect original capitalization). Holotype: ♀, Brazil: Rio Grande do Sul: no specific locality (NHMW). – Kohl, 1905d:529 (in checklist of world *Passaloecus*); Yasumatsu, 1934d:111 (in checklist of world *Passaloecus*). – **As *Polemistus stieglmayri***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Menke and Vincent, 1983:171 (in revision of New World *Polemistus*); Dollfuss, 1989:12 (holotype in NHMW); Amarante, 2002:52 (in catalog of Neotropical Crabronidae).

### 37. *sumatrensis* (Maidl)

*Passaloecus sumatrensis* Maidl, 1925a:329, ♀. Holotype: ♀, Indonesia: Sumatra: no specific locality (NHMW). – Yasumatsu, 1934d:111 (in checklist of world *Passaloecus*), 212 (in key to Oriental *Passaloecus*), 113 (first record from Taiwan: Taichu-shû: Hassenzan), 1943:24 (China: Shanghai area). – **As *Polemistus sumatrensis***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae); Dollfuss, 1989:12 (holotype in NHMW); Tsuneki, 1992e:54 (in key to Oriental *Polemistus*); Dollfuss, 2004a:122 (Borneo, Malaysia, Thailand); Hua, 2006:282 (in list of Chinese insects, geographic distribution); L. Ma and Q. Li, 2020:477 (in key to *Polemistus* of China); Bashir, Yue, Jiang, L. Ma, and Q. Li, 2021:1064 (in list of *Polemistus* of China).

### 38. *tridentatus* Tsuneki

*Polemistus tridentatus* Tsuneki in Tsuneki, Nozaka, Tano, Kurokawa, and Murota, 1992b:25, ♂. Holotype: ♂, Philippines: Mindanao: Cagayan de Oro, Makahambus Cave (USNM). – Tsuneki, 1992e:56 (in key to Oriental *Polemistus*); Nuhn and Menke, 1994:26 (holotype in USNM).

### 39. *vaderi* Vincent

*Polemistus vaderi* Vincent in Menke and Vincent, 1983:172, ♂, ♀. Holotype: ♂, USA: Utah: Beaver County: Beaver Mountain (USNM). Paratypes: Arizona, New Mexico.

### 40. *yoda* Vincent

*Polemistus yoda* Vincent in Menke and Vincent, 1983:171, ♀. Holotype: ♀, Nicaragua: 14 km southwest of Camoapa (USNM). Paratypes: Honduras, El Salvador. – Hanson and Menke, 1995:638 (known from Nicaragua); Amarante, 2002:52 (in catalog of Neotropical Crabronidae).

### 41. *yoshikawai* (Tsuneki)

*Passaloecus sumatrensis yoshikawai* Tsuneki, 1961b:387, ♂. Holotype: ♂, Laos, Nam Tha (not in Osaka Univ.). – **As *Polemistus sumatrensis yoshikawai***: R. Bohart and Menke, 1976:185 (new combination, in checklist of world Sphecidae). – **As *Polemistus yoshikawai***: Tsuneki, 1992e:54 (new status, in key to Oriental *Polemistus*); Dollfuss, 2004a:122 (Malaysia, Thailand, may be unknown male of *sumatrensis sumatrensis*).

### sp.

Gauss, 1972:571 (Germany: Baden-Württemberg: Wittental); S. Gupta, 1995:85 (India: Uttar Pradesh); Buhroo, Chishti, and Masoodi, 2002:72 (Kashmir; visiting the mother galleries of barkbeetle *Scolytus nitidus* Schedl); Sk. Yamane, 1983:85 (Indonesia: Krakatau Islands); Schmidt, 1984:289 (Germany: Baden-Württemberg); Dollfuss,

2004a:122 (Thailand); Haneda, 2011:44 (Philippines: Palawan: Iwahig and Puerto Princesa); Barthélémy and Guénard, 2025:32 (China: Hong Kong).