

Last updated: 12 January 2026

MIMESA

Mimesa Shuckard, 1837:228. Type species: "*Psen equestris* F." [= *Psen equestris* of Latreille, 1819 = *Trypoxylon equestre* Fabricius, 1804], by original designation.

Aporia Wesmael, 1852:272, junior homonym of *Aporia* Hübner, 1819. Type species: *Mimesa equestris* (Fabricius, 1804) [= *Trypoxylon equestre* Fabricius, 1804], designated by Kohl, 1896:293.

Aporina Gussakovskij, 1937:665, junior homonym of *Aporina* Fuhrmann, 1902. Substitute name for *Aporia* Wesmael. Synonymized with *Mimesa* by Pate, 1943c:3.

Revision: Finnamore, 1983 (North America); Budrys, 1985 (USSR).

Keys: Budrys, 1985:71 (USSR); Schmid-Egger, 2014:579 (North Africa and Arabian Peninsula); L. Ma, Q. Li and X. Chen, 2008 (China).

Nest: Barth, 1910:121.

Review of biology: Kazenas, 2001b:114.

1. *aegyptiaca* Radoszkowski

Mimesa aegyptiaca Radoszkowski, 1876:131, ♂, ♀ (as *Aegyptiaca*, incorrect original capitalization). Syntypes: Egypt: no specific locality (Kraków). – Ed. André, 1888:174 (in revision of Sphecidae of Europe and Algeria), 11* (bibliographic references); Dalla Torre, 1897:350 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:161 (in checklist of world Sphecidae); Guichard, 1980:225 (Oman); Gadallah and Assery, 2004a:225 (first record from Saudi Arabia: Hadasham 120 km east of Jeddah); Roche, 2007a:60 (in checklist of Egyptian Crabronidae), 2007b:3 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:357 (in new catalog of Sphecidae of Saudi Arabia); Schmid-Egger, 2014:580, 581 (in key to *Mimesa* of North Africa and Arabian Peninsula), 581 (United Arab Emirates); Gadallah, 2020b:61 (in list of aculeate wasps of Arabian Peninsula). – **As *Psen aegyptiacus***: de Beaumont, 1937:61 (new generic assignment, in revision of Palearctic *Psenini*); Gussakovskij, 1937:682 (in revision of Palearctic *Psen*; Yemen: Sanaa); van Lith, 1965:70 (in list of *Mimesa* dealt with by Gussakovskij, 1937).

2. *agalena* Gittins

Mimes agalena Gittins, 1966:251, ♀, ♂. Holotype: ♀, USA: California: Tuolumne County: Jameston (UCD). – R. Bohart and Menke, 1976:161 (in checklist of world Sphecidae); Krombein, 1979b:1595 (in catalog of North American Hymenoptera); Finnamore, 1983:70 (in revision of North American *Mimesa*).

3. *arizonensis* (Malloch)

Psen arizonensis Malloch, 1933:36, ♂. Holotype: ♂, USA: Arizona: Tucson (USNM). – **As *Mimesa arizonensis***: Krombein in Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:161 (in checklist of world Sphecidae); Krombein, 1979b:1595 (in catalog of North American Hymenoptera); Finnamore, 1983:84 (in revision of North American *Mimesa*).

4. *barri* Gittins

Mimesa barri Gittins, 1966:249, ♀, ♂. Holotype: ♀, USA: Idaho: Gem County: Squaw Creek 4 mi east of Emmett (originally Idaho Univ., now CAS). – R. Bohart and Menke, 1976:161 (in checklist of world Sphecidae); Krombein, 1979b:1595 (in catalog of North American Hymenoptera); Finnamore, 1983:72 (in revision of North American *Mimesa*).

5. *beckeri* Tournier

Mimesa beckeri Tournier, 1889:104, ♀, ♂ (♂ = *Mimesa nigrita*) (as *Beckeri*, incorrect original capitalization). Syntypes: Russia: Sarepta, now Krasnoarmeysk (MHNG). – Tournier, 1889:69 (in key to *Mimesa* of Switzerland); Dalla Torre, 1897:351 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:161 (in checklist of world Sphecidae);

Budrys, 1985:72 (in key to *Mimesa* of USSR); Kazenas, 2000e:14 (in Sphecid Fauna of Kazakhstan); Dollfuss and Bitsch *in* Bitsch et al., 2001:20 (in Sphecid Fauna of Western Europe); Kazenas, 2001b:118 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:40 (geographic distribution, collecting localities in Kazakhstan); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Dollfuss, K. Schmidt, and Bitsch *in* Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:155 (in revision of Sphecidae *sensu lato* of Europe). – **As *Psen beckeri***: de Beaumont, 1937:71 (new generic assignment, in revision of Palearctic *Psenini*); nec Gussakovskij, 1937:687 (= *Mimesa breviventris*); Tsuneki, 1972a:181 (Mongolia); Kazenas, 1978b:150 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:237, 238 (in key to Sphecidae of European part of USSR).

6. *bicolor* (Jurine)

? *Psen rufa* Panzer, 1804, Heft 96:17, [♂]. Holotype or syntypes: ♂, Germany: no specific locality (depository?). – Panzer, 1806:108 (as new synonym of *Trypoxylon equestris* Fabricius, now *Mimesa equestris*); Peets, 1909-1911:68 (*Psen rufa* of Panzer = *Mimesa equestris*). – **As *Psen rufus***: de Beaumont, 1937:93 (new generic assignment, type not in coll. Sturm, München, interpretation uncertain); Benno, 1967:38 (in checklist of Sphecidae of Netherlands); Noskiewicz and Puławski, 1960:54 (in key to Polish Sphecidae); Oehlke, 1970:731 (Democratic Germany); Tumšs, 1970:74 (first record from Latvia); Dathe, 1971:238 (correction of 1969:440 determination); Hoop, 1973:48 (correction of his 1961:66 determination); Kolesnikov, 1977:319 (Russia: Bryansk Oblast'); Donath, 1982:214 (Germany: Cottbus Bezirk). – **As *Mimesa rufa***: Richards, 1935:166 (new generic assignment, *Mimesa rufa* is the correct name for *Mimesa equestris* of authors), 1937b:105 (in checklist of British aculeates); de Graham, 1941:99 (Great Britain: Lincolnshire); Spooner, 1943:73 (Great Britain: west of Runton), 1948:152 (in revision of British *Psenini*); Chambers, 1949:226 (Great Britain: Bedfordshire); Hellén, 1955a:123 (Finland: Rautu); Lomholdt, 1974:200 (map of distribution in Fennoscandia and Denmark, as *Mimesa rufus*), 1975b:32 (Denmark: Island of Anholt, as *Mimesa rufus*), 1975c:149 (in Sphecid Fauna of Fennoscandia and Denmark); Casolari and Casolari Moreno, 1980:122 (specimens in M. Spinola collection); Dollfuss, 1983b:4 (in catalog of Sphecidae of Austria); Mingo and Gayubo, 1984:101 (Spain); Schmidt, 1984:238 (Germany: Baden-Württemberg); Schmidt and Westrich, 1987:366 (Germany: Mainz area); Dollfuss, 1988:9, 21 (Austria: Bisamberg near Vienna; Niederösterreich: Oberweiden); Wolf, 1988b:142 (Germany: Rheinland-Westfalen); van der Smissen, 1991:97 (nw. Germany), 1993:129 (nw. Germany); Józán, 1998:310 (Hungary: Duna-Dráva National Park), 2001:278 (Hungary: Somogy County); Józán, 2011:179 (in checklist of Sphecidae *sensu lato* of Hungary).

Psen bicolor Jurine, 1807:pl. 13, unnumbered figure, ♂. Holotype or syntypes: ♂, Europe: no specific locality (MHNG). Synonymized with *Psen equestris* by Jurine, 1807:137, and by Frei-Gessner, Kohl, and Kriechbaumer, 1882:395. – Dours, 1874:151 (in catalog of Hymenoptera of France); Dalla Torre, 1897:351 (in catalog of world Hymenoptera); Spooner, 1934b:278 (Great Britain: Devon: Braunton Burrows); nec de Beaumont, 1937:62 (= *Psen equestris*); de Beaumont, 1937:93 (interpretation of species); Merisuo, 1938:250 (in key to *Pseninae* of Finland); Leclercq, 1941b:8 (Belgium: Liège area); Paul, 1941:49 (Germany: Pommern: Stettin area, now Poland: Województwo Zachodniopomorskie: Szczecin area); Carl and de Beaumont, 1947:68 (Switzerland: Graubünden = Grisons Canton: Swiss National Park); Zavadil *in* Zavadil and Šnoflák, 1948:144, 145 (in key to Sphecidae of Czechoslovakia); van Lith, 1949:147 (distribution in Netherlands); nec Tsuneki, 1942:332 (= *Mimesa bidentata*); nec Yasumatsu, 1942c:113 (= *Mimesa bidentata* and *pekingensis* Tsuneki); de Beaumont, 1951h:33 (Switzerland: Neuchâtel area), 1954e:93 (Italy); Aerts, 1955:66 (Germany: Rheinland); Atanassov, 1955:206 (Bulgaria: north of Varna, as Stalin, may be *Mimesa equestris*); Bajári, 1957a:74, 76 (in key to Hungarian Sphecidae, not yet recorded from Hungary); Bradley, 1957:49 (Lepeletier's specimens in Turin); Benno, 1958b:17 (in review of Dutch Sphecidae); Wolf, 1959b:226 (Germany: Nassau); Balthasar and Hrubant, 1961:14 (in key to male *Mimesa* of Czechoslovakia); de Beaumont, 1964c:92 (in Sphecid Fauna of Switzerland); Fæster, 1965:192 (Denmark: Hansted Nature Reserve); Oehlke, 1965:343 (in revision of European *Mimesa*); van Lith, 1965:69 (in list of *Mimesa* treated by Gussakovskij,

1937); Gauss, 1966c:240 (specimen bearing dipteran egg), 1967:555 (Germany: Baden-Württemberg); J. Heinrich, 1967:77 (Germany: Bayern: Unterfranken District); Niedl and Deneš, 1967:80 (Czech Republic: Treboň area); nec Dathe, 1969:440 (= *Mimesa lutaria*); Lefeber, 1969c:234 (Netherlands: St. Pietersberg = Montagne Saint Pierre), 1971a:17 (Nijmegen); Schmidt, 1971b:40 (Germany: Rheinland-Pfalz: Gonsenheimer Wald); Balthasar, 1972:240 (in Sphecida Fauna of Czechoslovakia); Kazenas, 1972b:118 (Kazakhstan); Haeseler, 1972:156 (Germany: Schleswig-Holstein; anthropogenic habitats); Kazenas, 1974b:110 (feeding on flowers of *Daucus carota* L., Apiaceae, in Kazakhstan); Leclercq, 1974b:194 (Belgium and France: locality records); Guichard, 1977:252 (Great Britain: Surrey); Kazenas, 1978b:151 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:237 (in key to Sphecidae of European part of USSR); Richards, 1979:400 (British Channel Islands), 1980:63, 64 (in key to Sphecidae of British Isles); Felton, 1981:83 (Great Britain: Kent); Archer, 1987:110 (Great Britain: Yorkshire); Kowalczyk, 1988b:64 (Poland: environs of Łódź); Pádr *in* Šedivy, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Pankevich, Belyavskaya, Molchanova, Shlyakhtenok, and Blinov, 1989:96 (Belorussia: Berezinskiy Nature Reserve); Kowalczyk, 1990:290 (Poland: Góry Świętokrzyskie); Kuznetzova, 1990:21 (Russia: Voronezh Oblast': Galich'ya Gora Nature Reserve); Pádr, 1990:77 (Czech Republic: Praha area); Blagoveshchenskaya, 1994:88 (Russia: Ul'yanovsk Oblast'); Archer and Burn, 1995:59 (Great Britain: Yorkshire: Crow Wood near Finningley); Yeo and Corbet, 1995:37 (in field guide to British solitary wasps); Harvey and Plant, 1996:75 (Great Britain: summary of records from Essex county). – **As *Mimesa bicolor***: Wesmael, 1852:276 (new generic assignment, in revision of Sphecidae of Belgium); Taschenberg, 1866:205 (in revision of Hymenoptera of Germany); Kirchner, 1867:216 (in catalog of European Hymenoptera); nec Costa, 1871:105 (= *Mimesa grandii*); Roebuck, 1879:49 (Great Britain: Yorkshire county); Borries, 1897:84 (nesting in sand); Nordenström, 1901:206 (Sweden: Småland: Vernamo); Bouwman, 1915:7 (Netherlands: Breda, Tilburg, Zuidlaren, preying on cicadellids); nec Giordani Soika, 1932a:22 (= *Mimesa grandii*); Bernard, 1935:66 (France: Var: Fréjus area); Goebel, 1937:48 (Poland: Poznań District: Poznań-Dębina); Yasumatsu, 1940:31 (China: Inner Mongolia: Kunshan-tagh Desert); Schneid, 1941:1052 (Germany: Bayern: Bamberg area); Yasumatsu, 1942b:95 (Russia: Sakhalin: Sisuka); Timon-David, 1943:29 (France: Bouches-du-Rhône: plage de Fos; may actually be *Mimesa equestris*); Ceballos, 1949:101 (Spain); Cavro, 1950:32 (France: Département du Nord); Głowacki, 1953:521 (Poland: Podkowa Leśna near Warszawa, may actually be *Mimesa equestris*); Vogrin, 1955:38 (Yugoslavia, may actually be *Mimesa equestris*); Ceballos, 1956:356 (in catalog of Hymenoptera of Spain); Janvier, 1956a:203 (nesting habits, description of larva); Fahlander, 1957:62 (Sweden: locality records; in key to Swedish *Mimesa*); Zirngiebl, 1957:185 (Germany: Rheinland-Pfalz: Pfalz region); Evans, 1959b:144 (larva's description by Janvier, 1959); Hamann, 1960:196 (Austria: Niederösterreich: Mönchgraben at 48°13'N 14°21'E, as *bicolor* Shuckard); Hoop, 1961:66 (Germany: Schleswig-Holstein, determination corrected to *Psen rufus* by Hoop, 1973:48); Mingo Pérez, 1965:170 (in revision of Spanish Psenini), 1968:85 (locality records from Spain), 86 (in checklist of Iberian Psenini); de Beaumont, Bytinski-Salz and Pulawski, 1973:21 (Israel); Burn, 1975:144 (Great Britain: Yorkshire: Doncaster district); R. Bohart and Menke, 1976:161 (in checklist of world Sphecidae); Silvestre de Sacy, 1982:4 (France: Côte-du-Nord: Paimpol area); Chevin and Silvestre de Sacy, 1984:6 (France: Yvelines Department); Budrys, 1985:74 (in key to *Mimesa* of USSR); Nemkov, 1986:93 (Russia: known from Lake Baikal area); Piek and Spanjer, 1986:185 (in list of Sphecidae with known prey); Steiner, 1986:99 (references to papers on nesting habits); Vikberg, 1986b:75 (Finland); Chevin, 1988:15 (France: La Manche Department); Düweke, 1988:688 (Germany: Baden-Württemberg: Kaiserstuhl); Jacobs, 1989:5 (Germany: Mecklenburg-Vorpommern); Jacobs and Oehlke, 1990:136 (new records from Democratic Germany); Day, 1991:xvi (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Kowalczyk, 1991a:89, 97, 99, 101, 104, 107 (Poland: Łódź); Budrys, 1992:26 (in list of Sphecidae of Lithuania); Józán, 1992b:172 (Hungary: Boronka-melléki Protected Area); K. Weber, 1992:87 (Germany: Bayern: Bamberg District); Luig, 1993:41 (Estonia); Kowalczyk, 1994:73 (Poland: Łagiewniki forest in Łódź); Theunert, 1994b:58 (Germany: first record from Niedersachsen for more than 50 years: quarry south of Wense), 1994c:42 (Germany: summary of records from Niedersachsen and Bremen),

1994d:278 (Germany: Niedersachsen: Braunschweig); Jansen and Kaluza, 1995:7 (Germany: endangered in Sachsen); Negrisolino *in* Minelli, Ruffo, and La Posta, 1995b:10 (in catalog of Italian fauna); Scharrer, 1995:23 (Germany: Bayern: Lohr); Schmid-Egger, 1995:61 (Germany: northwestern Baden-Württemberg); Schmid-Egger, Risch, and Niehuis, 1995:194 (Germany: summary of records from Rheinland-Pfalz); Archer, 1996b:37 (Great Britain: Nottinghamshire: Sherwood Forest), 1996d:121 (Great Britain: Yorkshire); Fowles, 1996:12 (Great Britain: Red Data Book species recorded from Wales), 35 (Great Britain: in checklist of aculeates of Wales); Jakubzik, 1996:253 (Germany: Köln); Schmid-Egger, Schmidt, and Doczkal, 1996:377 (Germany: Baden-Württemberg: endangered); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Woydak, 1996:12 (Germany: Westfalen: summary of distribution and nesting habits); Celary, 1997:57 (in checklist of Animals of Poland); Gauss, 1997:27 (egg of miltogrammatid flies deposited on adult specimens); Schmidt and Schmid-Egger, 1997:18 (in checklist of German Sphecidae); F. Burger, Saure, and Oehlke, 1998:28 (Germany: in list of Sphecidae of Brandenburg), 35 (endangered); Dollfuss, Gusenleitner, and Bregant, 1998:510 (Austria: summary of collecting records from Burgenland); Drewes, 1998:49 (Germany: Niedersachsen: Steller Heide); Flügel, 1998:60 (Germany: Brandenburg: Unteres Odertal National Park); Gorobchishin, 1998a:48 (Ukraine: Kiev and surroundings); Haeseler and Ritzau, 1998:51 (Germany: Bremen: Island of Harriersand in Weser River); van der Smissen, 1998:61 (Germany: Schleswig-Holstein); K. Weber, 1998:142 (Germany: Bayern: Bamberg area); Herrmann, 1999:7 (Germany: Niedersachsen: Oldenburg area; habitats size); Mandery, 1999:105 (Germany: Bayern: Coburg area); Pauly, 1999:108 (in catalog of Belgian aculeates); Riemann, 1999:835 (Germany: Niedersachsen: sand pits near Bremen); Saure, 1999:33 (Germany: Berlin-Köpenick), 36 (strongly endangered in Germany); M. Schwarz, 1999:84 (Austria: Oberösterreich: city of Linz area); Blösch, 2000:142 (in Sphecidae Fauna of Germany); Dressler, 2000:33 (Germany: Hessen: Darmstadt area); Esenbekova and Kazenas, 2000:14 (southeastern Kazakhstan: 45 km southwest of Chundzha); Jacobs, 2000:8, 16 (Germany: Land Mecklenburg-Vorpommern; endangered); Kazenas, 2000e:15 (in Sphecidae Fauna of Kazakhstan); Dollfuss and Bitsch *in* Bitsch et al., 2001:20 (in Sphecidae Fauna of Western Europe); Kazenas, 2001b:119 (in checklist of Sphecidae of Kazakhstan and Central Asia), 115 (review of known biology); Ohl et al., 2001:140 (distribution in Germany by provinces); Szczepko and Kowalczyk, 2001:187 (Poland: Kampinos National Park near Warszawa); van der Smissen, 2001:61 (Germany: Schleswig-Holstein: endangered); Zettel, Gross, and Mazzucco, 2001:67 (Austria: Wien); Archer, 2002b:121 (Great Britain: Watsonian Yorkshire: distribution map); Kazenas, 2002a:40 (geographic distribution, collecting localities in Kazakhstan); Kowalczyk, Szczepko, and Świątek, 2002:152 (Poland: Kampinos National Park near Warszawa); Shlyakhtenok and Skibińska, 2002:32 (Belorussia: no specific locality); Söderman and Vikberg, 2002:50 (in list of Aculeata of Finland); Drewes, 2003:139 (Germany: Bayern: Erlangen); Generani, Pagliano, Scaramozzino, and Strumia, 2003:66 (Italy: Arcipelago Toscano); Mandery, Kraus, Voith, Wickl, Scheuchl, Schubert, and Warncke, 2003:67 (Germany: in catalog of wasps and bees of Bayern); Wickl, Voith, Mandery, Weber, Kraus, Bausenwein, and Blösch, 2003:196 (Germany: Bayern: strongly endangered); Dollfuss, 2004a:106 (Kazakhstan, Kyrgyzstan, Russia: Sakhalin); Esser, Jakubzik, Sonnenburg, and Woydak, 2004:262 (Germany: in checklist of Sphecidae of Nordrhein-Westfalen); Gorobchishin and Protsenko, 2004:39 (Ukraine: Kherson Oblast': Chernomorskiy Nature Reserve); Klein and Lefeber *in* Peeters, van Achterberg, et al., 2004:394 (in Wasp and Ant Fauna of Netherlands); Skibińska *in* Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:356 (in catalog of Polish Crabronidae); Stolle et al., 2004:372 (Germany: Sachsen-Anhalt: last collected in 1952); Szczepko and Kowalczyk, 2004:125 (Poland: Kampinos National Park near Warszawa); van Achterberg and Peeters, 2004:31 (in checklist of Sphecidae of Netherlands); Wiśniowski, 2004:39 and 58 (in checklist of Polish Sphecidae); Burger, 2005:33 (Germany: Thüringen); Edwards and Broad, 2005:48 (Great Britain: distribution, status, habitat, flight period, prey, nesting habits, flower visiting, parasites, and distribution map); Haeseler, 2005:629 (Germany: Niedersachsen: Steller Heide near Bremen); Kofler, 2005:166 (Austria: Tirol: Lienz District: Minekugel in City of Lienz, and Kärnten: Dietrichstein in Feldkirchen Common); Kraatz, 2005:103 (Germany: Niedersachsen: Bümmerstede near Oldenburg); Pagliano and Negrisolino, 2005:427 (in Sphecidae Fauna of Italy); Reder, 2005:950 (Germany: Rheinland-

Pfalz: Flörsheim-Dalsheim, Monsheim); Riemann and Hohmann, 2005:560 (Germany: Niedersachsen: city of Bremen and adjacent area); Robinson, 2005:37 (records from Great Britain: Cumbria County actually refer to *Mimesa equestris*); Saure, 2005:16 (Germany: Berlin); Shorenko, 2005a:166 (Ukraine: Crimea); Straka, 2005a:401 (endangered in Czech Republic); Theunert, 2005a:17 (Germany: in checklist of Sphecidae of Niedersachsen and Bremen); Ljubomirov, 2006:541 (Bulgaria: Rhodope Mountains: Rozhen); Shlyakhtenok, 2006:110 (Belorussia: Polesye Radiological Nature Reserve); Vepřek, 2006:510 (Czech Republic: Kokořínsko area); Jacobs, 2007:49, 50 (in key to Crabronidae of Germany); Kowalczyk and Nadolski, 2007:283 (Poland: Łódź: railway areas); Saure, 2007:82 (Germany: in checklist of Aculeata of Land Brandenburg); Vago, 2007:174 (France: département du Nord); Vepřek and Straka, 2007:199 (in catalog of Sphecidae of Czech Republic and Slovakia); Kazenas, 2008b:111 (Kazakhstan: foothills of Zailiskiy Alatau: found on loess cliffs); L. Ma, Q. Li, and X. Chen, 2008:20, 22 (in key to *Mimesa* of China); Nemkov, 2008b:17 (in catalog of Crabronidae of Asiatic Russia); Theunert, 2008:47 (Germany: map of distribution in Niedersachsen and Bremen); Debuysse and Vago, 2009:3 (in list of Sphecidae *sensu lato* of northern France); U. Frommer, 2009a:28 (Germany: in checklist of Sphecidae of Hessen); Józán, 2009:165 (Croatia: Mošćenice); Kowalczyk, Kurzac, and Nadolski, 2009:63 (Poland: between Warta and Widawka rivers); Livory, Chevin, Lair, Sagot, and Baldock, 2009:15 (France: Département de la Manche: Portbail); Nemkov, 2009b:52 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia), 2009c:235 (Russia: Primorskiy Krai: Lazovsky Nature Reserve); Pagliano, 2009:186 (Italy: Lazio: Morlupo; Liguria: Garlenda; recorded from Trentino-Alto Adige by Kohl, 1880); Shorenko, 2009:368 (in list of Sphecidae *sensu lato* of Crimea); Szczepko and Wiśniowski, 2009:70 (Poland: Spała Landscape Park); Esser, Fuhrmann, and Venne, 2010:37 (Germany: in checklist of aculeates of Nordrhein-Westfalen); Hable, Krauss, von der Dunk, and Wickl, 2010:27 (Germany: Bayern: Sulz- and Ottmaringer Tal); Howe, Knight, and Clee, 2010:100 (Great Britain: occurring on coastal sand dunes); Mokrousov, 2010a:63 (Russia: Kirov, Kostroma, and Oblast's, Chuvash Republic: no specific localities); Rudoiskatel', 2010:153 (Russia: southern Ural Mountains); Saure, 2010b:175 (Germany: Berlin-Reinickendorf: airport Tempel and Flughafensee Protected Area); Schmid-Egger, 2010a:16 (in red list of Aculeata of Germany: rare); Shorenko and Konovalov, 2010:24 (Ukraine: several localities); Smetana, Roller, Beneš, Bogusch, Dvořák, Holý, Karas, Macek, Straka, Šima, Tyrner, Vepřek, and Zeman, 2010:102 (Western Slovakia: recorded from Borská Nižina); van der Smitten, 2010a:343 (Germany: Schleswig-Holstein: locality records), 2010c:396 (Sweden: Öland: Högsrum); Baghirov, 2011b:152 (Russia: Altayskiy Krai: Savvushka); Burger, 2011a:287 (Germany: in red list of Sphecidae *sensu lato* of Thüringen); Gogala, 2011:8 (Slovenia); Mokrousov, Berezin, and Egorov, 2011:881 (Russia: Chuvash Republic); Saure, 2011c:198 (Germany: Berlin-Spandau: Fort Hahneberg); Theunert, 2011a:20 (Germany: in checklist of aculeates of Niedersachsen including city of Bremen); Tischendorf, Frommer, Flügel et al., 2011:106 (Germany: Hessen: may be endangered); Ziska and Saure, 2011:109 (Germany: Berlin: Tegeler Fließ valley); Franzén, Molander, Norén, and Nilsson, 2012:26 (Sweden: Skåne: Kullaberg Peninsula); Hellrigl, 2012:129 (Italy: Provincia Autonoma di Bolzano-Alto Adige, as Südtirol); Nemkov, 2012c:435 (in catalog of Crabronidae of Russian Far East); Prisiy, 2012:46 (Russia: Belgorod Oblast'); Saure, 2012b:229 (Germany: Berlin-Spandau: Spandauer Forst); A. Scholz and Liebig, 2013:22 (Germany: Sachsen: in list of Sphecidae *sensu lato*); Shlyakhtenok, 2012b:92 (Belorussia: Beresina National Reserve: overgrowing dry meadow); Kazenas, 2013a:40 (color photograph of adult wasp, short information on geographic distribution and nesting habits), 2013b:493 (southeast Kazakhstan: 45 km southwest of Chundzha); Saure, 2013:19 (Berlin: Treptow-Köpenick: Gosener Wiesen); Shlyakhtenok, 2013:135 (in annotated catalog of aculeate wasps of Belorussia); Archer, 2014a:125 (Great Britain: extinct in Yorkshire, last collected in 1979); Hellqvist, Abenius, and Norén, 2014:94 (in catalog of Ampulicidae, Sphecidae, and Crabronidae of Sweden, by provinces); Mokrousov and Vafin, 2014:59 (Russia: Republic of Tatarstan); Pagliano, 2014:96 (specimens in M. Spinola collection, Torino); P. Rosa and Pagliano, 2015:103 (Italy: Lombardia and Piemonte: Parco del Ticino); Shorenko, 2015:331 (in list of Sphecidae *sensu lato* of Crimea); Else, Bolton, and Broad, 2016:42 (in checklist of Aculeata of Great Britain and Ireland: England); Reemer and Peeters, 2016:10 (Netherlands: Hulshorsterzand); Stolle and Saure, 2016:923 (Germany: in list of Sphecidae *sensu lato* of Sachsen-Anhalt);

Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Shorenko, 2017:78 (in Crimea collected in August), 2018:128 (Crimea, including localities, habitats, and number of specimens); Twerd, Krzyżyński, Waldon-Rudziońek, and Olszewski, 2017:6 (Poland: Inowrocław: nesting in postindustrial soda ash dumping sites); Carminati, Mora, and Cretin, 2019:25 (France: in list of Sphecidae *sensu lato* of Franche-Comté); Kejval, Blažej, and Erhart, 2020:110 (western Czech Republic); Olszewski and Kowalczyk, 2019:102 (northern Poland: Pomorze Gdańskie = Gdańsk Pomerania); Olszewski, Wiśniowski, and Ljubomirov, 2021:93 (in commented list of Sphecidae *sensu lato* of Poland); Dollfuss, K. Schmidt, and Bitsch *in* Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:155 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey); Frommer and Klenke, 2025:164 (Germany: Hessen: Lahntal near Weilburg).

Nec *Mimesa bicolor* of authors prior to 1937 (collectively corrected to *Psen equestris* by de Beaumont, 1937:93): Stephens, 1829a:362, 1829b:33; Shuckard, 1836:57, 1837a:230; von Siebold, 1839:52; F. Smith, 1853:65, 1856:430; Dahlbom, 1842a:8; F. Smith, 1851c:41; Schenck, 1857:209; F. Smith, 1858c:183; Taschenberg, 1858:78; Funk, 1859:60; Schenck, 1860:149; A. Costa, 1864b:112 and 1867c:105; Schenck, 1867a:357; Jaenicke, 1868:9; F. Smith, 1868a:96; von Aichinger, 1870:322; Bolt, 1870:153; Thomson, 1870:232; A. Costa, 1871:34; F. Smith, 1871b:19; Thomson, 1874:182; Wierzejski, 1874:258; Beuthin, 1876:232; Schmiedeknecht, 1876:186; Roebuck, 1879:49; E. Saunders, 1880:262; Siebke, 1880:61; Roebuck, 1879:49; Kohl, 1880:140; Marquet, 1881:177; Sajó, 1882:5; Kohl, 1883e:661; Sickmann, 1883:80; De Stefani Perez, 1886:171; Wüstnei, 1886:39; Ed. André, 1888:179; Rudow, 1888a:27; Tournier, 1889:69 and 106; Radoszkowski, 1892:587; Westerlund, 1893:24; De Stefani Perez, 1894:216; Krieger, 1894:17; De Stefani Perez, 1895:227; Meunier, 1896:274; E. Saunders, 1896:101; Kozhevnikov, 1897:15; Martineau, 1897b:275; Strand, 1898b:92; Gardner, 1901:378; Nevinson, 1901:72; Ghigi, 1902:190; Adlerz, 1904:133; Antiga and Bofill, 1904:4; Aurivillius, 1904:257; E. Saunders, 1904b:249; Mantero, 1905:66; W. Schulz, 1904b:91; von Heyden, 1905:82; E. Saunders, 1907a:67; Schmiedeknecht, 1907:249; de Gaulle, 1908:103; Jourdain, 1909:189; Morley, 1909:305; Dittrich, 1911b:26; Graeffe, 1911:49; Hallett, 1912:94; Schirmer, 1912:168; Zavattari, 1912:3; Alfken, 1914:284; Birula, 1914:389; Haines, 1914:129; Zilahi Kiss, 1915:80; Hallett, 1916:221 (in *Psen*); Dubois, 1919:96; O. Meyer, 1919:156; A. Wagner, 1920:36; Dubois, 1922:216; Leininger, 1924:121; R. Perkins, 1924:221 (in *Psen*); Berland, 1925d:135; Bischoff, 1925:302; Coulon, 1925:113; Schütze, 1925:114; Bouwman, 1926:80; Hémon, 1926:199; Bouwman, 1928b:53; Grandi, 1930:341, 1931:59; Hobby, 1931:11; Pulkkinen, 1931:82; Bondroit, 1932:34; Giordani Soika, 1932a:22; Chambers, 1933:188; E. Nielsen, 1933:315; Routledge, 1933:87; Spooner, 1933:203; Strohm, 1933:338Balles, 1934:23; Giner Marí, 1934:135; Jansson, 1934:291; Forsius *in* Forsius and Hellén, 1935:11; Crèvecoeur and Maréchal, 1936:250; Drogoszewski, 1936:130; Gussakovskij, 1937:66; Zavadil, Šustera, and Bat'a, 1937:219; A. Wagner, 1938a:124; Balthasar, 1941; Giner Marí, 1943:51; Deleurance, 1946b:67; Georgel, 1950:64; Szulczewski, 1950:109; Caruel, 1952a:62; Janvier, 1956b:203; Vergne, 1955:5; Hoop, 1963a:73.

As *Mimesa equestris* (collectively corrected to *Psen bicolor* by Richards, 1935:166 and de Beaumont, 1937:93): Curtis, 1824:pl.25 (illustration); Stephens, 1829a:362 (in catalog of British insects, as *Psen*), 1829b:33 (in checklist of British insects, as *Psen*); Shuckard, 1836:57 (preying on homopteran larvae), 1837a:229 (in revision of British Aculeata); Herrich-Schaeffer, 1840:292 (Germany: Bayern: Regensburg area); Dahlbom, 1942a:8 (in review of Scandinavian aculeates), 1843:4 (in revision of Sphecidae and Pompilidae), 1845:428 (in key to European *Mimesa*); Eversmann, 1849:362 (Russia: southern Ural Mountains); von Kiesenwetter, 1849:87 (Germany: Kingdom of Saxony); Wissmann, 1849:9 (Germany: Kingdom of Hannover: Klausthal, Münden, Hannover); F. Smith, 1849a:2373 (Great Britain: Devonshire), 1851c:40 (Great Britain: Hants, Isle of Wight, London district); Wesmael, 1852:272 (in revision of Sphecidae of Belgium; recognition characters); F. Smith, 1853:65 (in checklist of British Hymenoptera); Kirchner, 1854:310 (Czechoslovakia: Kaplitz in Budweiser District, now České Budějovice); F. Smith, 1856:430 (in catalog of Hymenoptera in British Museum); Kawall, 1857:23 (Kurland, now Latvia); Ruthe and Stein, 1857:312 (Germany: Berlin area); Schenck, 1857:208 (in revision of fossorial wasps of Nassau Region,

Germany); F. Smith, 1858c:182 (in review of British Aculeata, redescription); Taschenberg, 1858:78 (in key to Sphecidae of Germany); Assmuss, 1859:605 (Russia: Moscow Governorate); Funk, 1859:60 (Germany: Bayern: Bamberg); Schenck, 1860:149 (Germany: Nassau Region); Brischke, 1862:97 (Germany: Preussen Province, now Poland: Pomorze Region); A. Costa, 1864b:112 (four specimens from France in Museo Zoologico di Napoli); Taschenberg, 1866:205 (in revision of Hymenoptera of Germany); A. Costa, 1867c:106 (in revision of Italian Sphecidae); Jaennicke, 1867:147 (Germany: Hessen: Frankfurt area); Schenck, 1867a:357 (Germany: Nassau Region); Jaennicke, 1868:9 (Germany: Hessen: Rüsselsheim); von Aichinger, 1870:321 (Austria: Tirol); Thomson, 1870:232 (in revision of Swedish wasps); A. Costa, 1871b:35 (in revision of Italian Sphecidae); F. Smith, 1871b:19 (in catalog of British Aculeata); Dours, 1874:151 (in catalog of Hymenoptera of France); Thomson, 1874:180 (in revision of Hymenoptera of Scandinavia); Wierzejski, 1874:258 (Ukraine: Kalinowce in Bukovina); Taschenberg, 1875:387 (Germany: Halle); Beuthin, 1876:232 (Germany: Hamburg area); Schlechtendal, 1876:54 (Germany: Sachsen: Zwickau); Daly, 1878:47 (Great Britain: Dorset: Glanville's Wootton); Roebuck, 1878:48 (Great Britain: recorded from Yorkshire county by F. Smith, 1858); Girard, 1879:941 (morphology and habits); Becker, 1880:152 (Russia: Sarepta, now Krasnoarmeysk S Volgograd); Kohl, 1880:141 (Austria: Tirol, and Italy: Trentino–Alto Adige); E. Saunders, 1880:262 (in revision of British Aculeata); Siebke, 1880:61 (Norway); Marquet, 1881:177 (southern France); Friese, 1883:203 (Germany: Sachsen-Anhalt: Kösen, Merseburg, Weissenfels); Kohl, 1883e:661 (Switzerland); Sickmann, 1883:80 (Germany: Niedersachsen: Wellingholthausen); von Heyden, 1884:121 (Germany: Frankfurt am Main area); Wüstnei, 1886:39 (Germany: Schleswig-Holstein: Elmshorn, Sonderburg); Ed. André, 1888:180 (in revision of Sphecidae of Europe and Algeria); Brischke, 1888b:94 (Germany: Preussen Province, now Poland: Pomorze Region); Tournier, 1889:69 (in key to *Mimesa* of Switzerland), 106 (redescription); Assmuss, 1892:52 (Russia: earlier record from Moscow c repeated); Radoszkowski, 1892:587 (male genitalia); Kohl, 1893a:40 (Austria: Niederösterreich); F. Morawitz, 1893a:108 (Russia: Karelian Isthmus); Sickmann, 1893:96 (Germany: Niedersachsen: Iburg); Westerlund, 1893:25 (Russia: Karelian Republic: northern shore of Lake Ladoga); Krieger, 1894:17 (Germany: Kingdom of Saxony); Baldini, 1894:51 (Italy: Modena area); Krieger, 1894:17 (Germany: Kingdom of Saxony); Medina, 1894a:260 (Spain: Coruña); E. Saunders, 1896:101 (in revision of British Aculeata); Borries, 1897:84 (reference to Shuckard, 1837:57, 230, and Westwood, 1840:196); Mocsáry, 1897:78 (Kingdom of Hungary, some localities are in today's Croatia, Romania and Slovakia); Lange, 1898:70 (Germany: Sachsen: Annaberg-Buchholz); Strand, 1898b:92 (Norway); N. Arnold, 1902:90 (Russia: Mohilev Province, now Belorussia); de Cobelli, 1903:105 (Italy: Province of Trentino); Antiga and Bofill, 1904:6 (Spain: Cataluña Province); Aurivillius, 1904:257 (in revision of Swedish Sphecidae); W. Schulz, 1904b:91 (Czechoslovakia); G. Arnold, 1905:262 (Great Britain: Hampshire: Brockenhurst); Kubes, 1905:83 (Czech Republic: Babice, Kolín, Mančice); Schmiedeknecht, 1907:250 (in key to Hymenoptera of Central Europe); de Gaulle, 1908:103 (in catalog of French Hymenoptera); Cavro, 1910:684 (France: Département du Nord: Féchain); Dittrich, 1911b:26 (Germany: Niederschlesien Province, now Poland: Dolny Śląsk Region); Graeffe, 1911:49 (Italy: Trieste area); Schirmer, 1912:168 (Germany: Berlin area); Torcka, 1913:35 (Germany: Provinz Posen, now Poland: Poznań Region); Alfken, 1914:284 (NW Germany); Birula, 1914:389 (Belorussia: Luskopol' near Vitebsk); Haines, 1914:129 (Great Britain: Dorset); Szilády, 1914:88 (Hungary: Radnai havasok, now in Romania); Strand, 1918:3 (Germany: Bayern: Kulmbach); Dubois, 1919:96 (Belgium: Bruxelles: Uccle); O. Meyer, 1919:157 (Germany: Posen Province, now Poland: Poznań Region); Noskiewicz, 1920a:154 (Poland: Tatry Mountains: Krokiew); A. Wagner, 1920:36 (Germany: Lower Elbe region); Dubois, 1922:216 (in key to Belgian Sphecidae); Hedicke, 1922:272 (Germany: Brandenburg: Gross Machnower Weinberg); Berland, 1925d:135 (in Sphecid Fauna of France); Bischoff, 1925:302 (Latvia: Wezkukkul; Poland: Grajewo area); Coulon, 1925:113 (France: Elbeuf, Forêt de la Londe, Les Essarts, Sotteville); Schütze, 1925:114 (Germany: Lausitz Region); Bouwman, 1926:280 (in list of Sphecidae of Netherlands); Friese, 1926:165 (in key to Sphecidae of Central Europe, short morphological and biological characteristics); Hémon, 1926:199 (France: Finistère: Fouesnant); F. Werner, 1927:67 (Austria: Niederösterreich: River Kamp valley); Bouwman, 1928b:27 (in revision of Sphecidae of Netherlands); Harttig,

1930b:8 (specimen bearing dipteran egg); Schmiedeknecht, 1930:710 (in keys to Hymenoptera of North and Central Europe); Bondroit, 1932:34 (Belgium: Solbosch); Balles, 1934:23 (Germany: Baden-Württemberg: eight localities); Jansson, 1934:291 (Sweden); Crèvecoeur and Maréchal, 1936:250 (in catalog of Belgian Hymenoptera); Drogoszewski, 1936:130 (Poland: Opatów); Zavadil, Šustera, and Baťa, 1937:220 (in catalog of Sphecidae of Czechoslovakia); A. Wagner, 1938a:124 (northwestern Germany); Yarrow, 1939:15 (Great Britain: Dorset: Lytchett Minster); Dovnar-Zapolskiy, 1940:304 (Russia: Kursk Oblast'); Balthasar, 1941b:114 (Czech Republic: eastern Moravia); Szulczewski, 1950:109 (Poland: Wielkopolski National Park 15 km S Poznań); Caruel, 1952b:101 (France: Marne Department); Vergne, 1955:5 (France: Auvergne); Ljubomirov and Ban-Calefariu, 2008:204 (Romania: recorded from Maramureş District by Szilády, 1914). – **As *Psen equestris***: Jurine, 1807:137 (new generic assignment, listed); Vander Linden, 1829:109 (bibliographic references, Belgium: Bruxelles, many other parts of Europe, description of male); Curtis, 1824:25 (in review of British insects, redescription); Lepeletier de Saint Fargeau, 1845:43 (in revision of world Hymenoptera); Acloque, 1897:82 (in Sphecidae Fauna of France and Algeria); Morley, 1919:209 (Great Britain: Hampshire: New Forest); R. Perkins, 1924:221 (Great Britain: Devon); de Beaumont, 1937:66 (in revision of Palearctic *Psenini*); Gussakovskij, 1937:672 (in revision of Palearctic *Psen*, in subgenus *Aporina*); Giner Marí, 1943:52 (in Sphecidae Fauna of Spain). – Also: Dathe, 1969:440 (Germany: Berlin Zoological Garden), corrected to *Psen rufus* by Dathe, 1971:238.

7. *breviventris* F. Morawitz

Mimesa breviventris F. Morawitz, 1891a:205, ♀, ♂. Syntypes: European Kazakhstan: Ryn-Peski: Mount Bogdo (ZIN). – Dalla Torre, 1897:352 (in catalog of world Hymenoptera); de Beaumont, 1937:74 (probable synonym of *Psen beckeri*); Gussakovskij, 1937:687 (as synonym of *Psen beckeri*); Kuntze and Noskiewicz, 1938:379 (in Poland known only from Podole region, now Ukraine); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Budrys, 1985:70 (as valid species, under *Mimesa beckeri*); Kazenas, 2001b:119 (in checklist of Sphecidae of Kazakhstan and Central Asia), Kazenas, 2000e:16 (in Sphecidae Fauna of Kazakhstan), 2002a:40 (geographic distribution, collecting localities in Kazakhstan), 2004d:28 (Kazakhstan: northern Caspian region); L. Ma, Q. Li, and X. Chen, 2008:20, 22 (in key to *Mimesa* of China), 26 (first record from China: Heilongjian: Harbin at 45°45'N 126°38'E); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia).

As *Psen beckeri*: Gussakovskij, 1937:687 (in revision of Palearctic *Psen*), corrected to *Mimesa breviventris* by Budrys, 1985:70.

8. *bruxellensis* Bondroit

Mimesa sp.: Bondroit, 1933:29 (description).

Mimesa bruxellensis Bondroit, 1934:61 and 64, ♀, ♂. Syntypes: Belgium: Bruxelles: Solbosch (Bruxelles?). – Hallett, 1939:15 (first record from Great Britain: Glamorgan: Llangennith, Porthcawl; Dorsetshire); Spooner, 1948:155 (in revision of British *Psenini*); Blüthgen, 1949:89 (first record from Germany: Dieskau near Halle), 1951:233 (Germany: Berlin area); Crèvecoeur, 1951b:252 (prey: *Idiocerus stigmatalis* Lew., Jassidae); Fahlander, 1957:61 (first record from Sweden: Småland: Södra Vi), 62 (in key to Swedish *Mimesa*); Yeo, 1957:19 (Great Britain: Middlesex, now in London); Wolf, 1959b:226 (Germany: Nassau); Lomholdt, 1975c:148 (in Sphecidae Fauna of Fennoscandia and Denmark); de Beaumont, 1964c:92 (in Sphecidae Fauna of Switzerland); Guichard, 1972:246 (England: London: Bushey Park; list of homopteran prey); Felton, 1974:407 (map of distribution in Great Britain); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Petit, 1978:87 (Belgium: Sampont); Dollfuss, 1983a:76 (endangered in Niederösterreich, Austria), 78 (endangered in Oberösterreich, Austria), 1983b:4 (in catalog of Sphecidae of Austria); Haack, Tschartke, and Vidal, 1984:129 (Germany: Hamburg area); Haeseler, 1984:109 (Germany: Oldenburg); Schmidt, 1984:239 (Germany: Baden-Württemberg); Budrys, 1985:74, 75 (in key to *Mimesa* of USSR); Haeseler, 1985c:571 (Germany: Friesian Islands); Westrich and Schmidt, 1985b:111 (Germany: endangered in Baden-Württemberg); Vikberg, 1986b:75 (Finland); Dollfuss, 1987:18 (Austria); Hedström, 1987:153, 156 (Sweden: Uppsala); Jacobs, 1989:5 (Germany: Mecklenburg-Vorpommern); Barbier, Rasmont, and

Wahis, 1990:32 (Belgium: Hainaut); Jacobs and Oehlke, 1990:136 (new records from Democratic Germany); Pagliano, 1990:110 (in catalog of Italian Sphecidae); Day, 1991:xvi (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Kowalczyk, 1991a:89, 93, 96, 99, 101, 104, 107 (Poland: Łódź), 1991b:119 (Poland: Augustów Forest); Nilsson, 1992:54 (Sweden); Luig, 1993:41 (Estonia); van der Smissen, 1991:97 (nw. Germany), 1993:129 (nw. Germany); Sorg and Wolf, 1993:60 (Germany: Rheinland-Westfalen: Nature Reserve Die Spey); Wiśniowski, 1993a:94 (Poland: Białowieża Primeval Forest), 96 (Poland: in checklist of Sphecidae of Białowieża Primeval Forest); Dollfuss, 1994:101 (endangered in Austria); Kowalczyk, 1994:73 (Poland: Łagiewniki forest in Łódź); Theunert, 1994c:42 (Germany: summary of records from Niedersachsen and Bremen); Wickl and Wickl, 1994:194 (Germany: Bayern: Oberpfalz: Atzmannsricht, Schmidtstadt); Gorobchishin, 1995:17 (Ukraine: Kanev Nature Reserve); Jansen and Kaluza, 1995:7 (Germany: endangered in Sachsen); Negrisolo *in* Minelli, Ruffo, and La Posta, 1995b:10 (in catalog of Italian fauna); Schmid-Egger, Risch, and Niehuis, 1995:194 (Germany: summary of records from Rheinland-Pfalz Province); Arens, 1996:440 (Germany: Bayern: Bayreuth area); Fowles, 1996:35 (Great Britain: in checklist of aculeates of Wales); Gorobchishin, 1996:53 (Ukraine: Kanev Nature Reserve); Harvey and Plant, 1996:74 (Great Britain: summary of records from Essex county); Jakubzik, 1996:253 (Germany: Köln); Schmid-Egger, Schmidt, and Doczkal, 1996:377 (Germany: Baden-Württemberg: endangered); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Witt, 1996:106 (Germany: Brandenburg), 109 (locality records); Celary, 1997:57 (in checklist of Animals of Poland); Schmidt and Schmid-Egger, 1997:18 (in checklist of German Sphecidae); Blösch, 1998:167 (Germany: Bayern: Tennenloher Forst Nature Reserve near Erlangen); F. Burger, Saure, and Oehlke, 1998:28 (Germany: in list of Sphecidae of Brandenburg), 34 (endangered); Dollfuss, Gusenleitner, and Bregant, 1998:510 (Austria: summary of collecting records from Burgenland); Jakubzik, Schlüter, and Cölln, 1998:1182, 1184 (Germany: Rheinland-Pfalz); Józán, 1998:306, 317 (Hungary: Duna-Dráva National Park); Lefeber, 1998:182 (Netherlands: Limburg: Sint-Pietersberg near Maastricht at 50°50'N 5°41'E); van der Smissen, 1998:62 (Germany: Niedersachsen: Laasche; Schleswig-Holstein); Vepřek, 1998:118 (Czech Republic: first record from Moravia: Pánov); Erhardt, 1999:75 (Germany: Niedersachsen: Ammerland area); Herrmann, 1999:7 (Germany: Niedersachsen: Oldenburg area; habitats size); Ljubomirov, 1999b:45 (Bulgaria: Mount Vitosha near Sofia); Pauly, 1999:108 (in catalog of Belgian aculeates); M. Schwarz, 1999:84 (Austria: Oberösterreich: city of Linz area); Skibińska, 1999:96 (Poland: previously recorded from Białowieża Primeval Forest); Wickl, 1999a:105 (Germany: Bayern: Oberpfalz area); Blösch, 2000:142 (in Sphecid Fauna of Germany); Jacobs, 2000:8, 17 (Germany: Land Mecklenburg-Vorpommern; rare); Kazenas, 2000e:18 (in Sphecid Fauna of Kazakhstan); Mokrousov, 2000b:30 (Russia: Nizhniy Novgorod Oblast); Schmid-Egger, 2000b:275 (Germany: Baden-Württemberg: shores of Rhine River); Dollfuss and Bitsch *in* Bitsch et al., 2001:21 (in Sphecid Fauna of Western Europe); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia); Ohl et al., 2001:140 (distribution in Germany by provinces); Reemer and van der Meer, 2001:16 (Netherlands: along Almelo-Nordhorn canal); van der Smissen, 2001:61 (Germany: Schleswig-Holstein: not endangered); Zettel, Gross, and Mazzucco, 2001:68 (Austria: Wien); Skibińska, 2001:219 (Poland: Białowieża Primeval Forest); Kazenas, 2002a:40 (geographic distribution, collecting localities in Kazakhstan); Mokrousov, 2002:147 (Russia: Nizhniy Novgorod Oblast': Kerzhenskiy Nature Reserve); C. Schlüter, 2002:141 (Germany: Niedersachsen: anthropogenic habitats in Ammerland District); Shlyakhtenok and Skibinska, 2002:32 (Belorussia: no specific locality); Söderman and Vikberg, 2002:50 (in list of Aculeata of Finland); Cölln, Esser, and Jakubzik, 2003:62 (Germany: northwestern Rheinland-Pfalz: excavation sites and quarries); Mandery, Kraus, Voith, Wickl, Scheuchl, Schubert, and Warncke, 2003:67 (Germany: in catalog of wasps and bees of Bayern); von der Heide and Metscher, 2003:102 (Germany: Niedersachsen: Emsland area); Wickl, Voith, Mandery, Weber, Kraus, Bausenwein, and Blösch, 2003:196 (Germany: Bayern: strongly endangered); Budrys, 2004:51 (Lithuania: Molė: Šakimas at 55°03'N 25°28'E); Dollfuss, 2004a:106 (Czech Republic, Slovakia); Esser, Jakubzik, Sonnenburg, and Woydak, 2004:262 (Germany: in checklist of Sphecidae of Nordrhein-Westfalen); Klein and Lefeber *in* Peeters, van Achterberg, et al., 2004:394

(in Wasp and Ant Fauna of Netherlands); Skibińska in Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:356 (in catalog of Polish Crabronidae); Stolle et al., 2004:372 (Germany: last collected in 1981); van Achterberg and Peeters, 2004:31 (in checklist of Sphecidae of Netherlands); Wiśniowski, 2004:39 and 58 (in checklist of Polish Sphecidae); Burger, 2005:33 (Germany: Thüringen); Edwards and Broad, 2005:50 (Great Britain: distribution, status, habitat, flight period, prey, nesting habits, flower visiting, parasites, and distribution map); Haeseler, 2005:629 (Germany: Niedersachsen: Steller Heide near Bremen); Kraatz, 2005:103 (Germany: Niedersachsen: Bümmerstede near Oldenburg); Mandery, 2005:174 (Germany: Bayern: Hainberg Nature Reserve near Nürnberg); Pagliano and Negrisola, 2005:427 (in Sphecidae Fauna of Italy); Reder, 2005:950 (Germany: Rheinland-Pfalz: Mörstadt); Riemann and Hohmann, 2005:560 (Germany: Niedersachsen: city of Bremen and adjacent area); Saure, 2005:16 (Germany: Berlin); Straka, 2005a:401 (endangered in Czech Republic); Theunert, 2005a:17 (Germany: in checklist of Sphecidae of Niedersachsen and Bremen); Józán, 2006a:286 (Hungary: Béda-Karapanca section of Duna-Drava National Park); Liebig, 2006:38 (Germany: Sachsen: Muskauer Heide); Beavis, 2007:95 (Great Britain: Tunbridge Wells and Central High Weald); Cungs, Jakubzik, and Cölln, 2007:140 (Luxemburg: Haardt Nature Reserve); Jacobs, 2007:49, 51 (in key to Crabronidae of Germany); Jansen and Kaluza, 2007:24 (Germany: northwestern Sachsen); Saure, 2007:82 (Germany: in checklist of Aculeata of Land Brandenburg); Venne, Bleidorn, and Lauterbach, 2007:302 (Germany: Nordrhein-Westfalen: Bielefeld); Vepřek and Straka, 2007:199 (in catalog of Sphecidae of Czech Republic and Slovakia, known from Bohemia and Moravia only), 212 (first recorded from Moravia by Vepřek, 2000); Wiśniowski, 2007:145 (Poland: Ojców National Park); Haeseler, 2008:308 (Germany: Friesian Islands); Theunert, 2008:48 (Germany: map of distribution in Niedersachsen and Bremen); Flügel, 2009b:63 (Germany: Hessen: Borken, in inactive open brown coal mine); Hessling, 2009:104 (Germany: Niedersachsen: Hunte River valley south of Oldenburg); Mokrousov, 2009:293 (Russia: Republic Mari El); Esser, Fuhrmann, and Venne, 2010:37 (Germany: in checklist of aculeates of Nordrhein-Westfalen); Hable, Krauss, von der Dunk, and Wickl, 2010:27 (Germany: Bayern: Sulz- and Ottmaringer Tal); Howe, Knight, and Clee, 2010:100 (Great Britain: occurring on coastal sand dunes); Johansson, 2010:121 (Sweden: Småland: upper Emå river valley); Mokrousov, 2010a:63 (Russia: Kostroma and Nizhny Novgorod Oblast's, Chuvash Republic, Mary El Republic: no specific localities); Schmid-Egger, 2010a:16 (in red list of Aculeata of Germany: rare); Shoreiko and Konovalov, 2010:25 (Ukraine: Sumy Oblast'); van der Smissen, 2010a:343 (Germany: Schleswig-Holstein: locality records); Burger, 2011a:287 (Germany: in red list of Sphecidae *sensu lato* of Thüringen); Józán, 2011:179 (in checklist of Sphecidae *sensu lato* of Hungary); Mokrousov, Berezin, and Egorov, 2011:81 (Russia: Chuvash Republic); Saure, 2011a:6 (Germany: Berlin: former airport Tempelhof); Theunert, 2011a:20 (Germany: in checklist of aculeates of Niedersachsen including city of Bremen); Tischendorf, Frommer, Flügel et al., 2011:142 (Germany: Hessen: not endangered); Franzén, Molander, Norén, and Nilsson, 2012:26 (Sweden: Skåne: Kullaberg Peninsula); Shlyakhtenok, 2012b:92 (Belorussia: Beresina National Reserve: overgrowing dry meadow); Saure, 2013:19 (Berlin: Treptow-Köpenick: Gosener Wiesen); ; A. Scholz and Liebig, 2013:22 (Germany: Sachsen: in list of Sphecidae *sensu lato*); Shlyakhtenok, 2013:136 (in annotated catalog of aculeate wasps of Belorussia); Bitsch, 2014:409 (France: Haut-Rhin: Colmar, Munster; Vaucluse: Puget); Hellqvist, Abenius, and Norén, 2014:94 (in catalog of Ampulicidae, Sphecidae, and Crabronidae of Sweden, by provinces); Mokrousov and Vafin, 2014:59 (Russia: Republic of Tatarstan); Saure, 2015:14 (Germany: Berlin-Lichterfelde); Simon, Lorthiois, and Macé, 2015:54 (France: alluvial terraces in Eure Department: Courcelles-sur-Seine); Else, Bolton, and Broad, 2016:42 (in checklist of Aculeata of Great Britain and Ireland: England, Wales); Stolle and Saure, 2016:923 (Germany: in list of Sphecidae *sensu lato* of Sachsen-Anhalt); Wiśniowski, 2016:129 (Poland: Ojców National Park); Jansen, 2017:8 (Germany: Sachsen: Leipzig); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia). – ***As Psen bruxellensis***: de Beaumont, 1937:65 (new generic assignment, in revision of Palearctic Psenini); Zavadil in Zavadil and Šnoflák, 1948:144 (in key to Sphecidae of Czechoslovakia, not yet found in Czechoslovakia); Noskiewicz and Chudoba, 1949:426 (Poland: Dolny Śląsk: Hermsdorf, now Sobięcín; Górny Śląsk: Bytom area; Podkarpatie: Sanok); Bajári, 1957a:74, 76 (in key to Hungarian Sphecidae), 1957b:137 (first record from Hungary); Noskiewicz

and Puławski, 1960:53, 54 (in key to Polish Sphecidae); Balthasar and Hrubant, 1961:13 (in key to male *Mimesa* of Czechoslovakia); Valkeila, 1962b:67 (southwestern Finland); de Beaumont, 1964c:92 (in Sphecidae Fauna of Switzerland); Oehlke, 1965:342 (in revision of European *Mimesa*); Hellén, 1966:83 (recently recorded from Finland); Stritt, 1968:110 (Germany: Baden-Württemberg); Benedek, 1969a:84 (Hungary; marshy meadow); Schmidt, 1969:164 (Germany: Rhein-Main area: Frankfurt am Main, Venusberg near Bonn); Stritt, 1969:131 (Germany: Baden-Württemberg: Karlsruhe); Benedek, 1970:99 (Hungary: Tapolca); Gauss and Perraudin, 1970:360 (Germany: Baden-Württemberg: Taubergiesen near Kappel am Rhein); Oehlke, 1970:729 (Democratic Germany); Lefeber, 1971a:17 (first record from Netherlands: Dordrecht), 1971b:223 (Netherlands: St. Michielsgestel); Stritt, 1971a:105 (Germany: Baden-Württemberg: Karlsruhe), 1971b:155 (Germany: Karlsruhe area); Balthasar, 1972:237 (in Sphecidae Fauna of Czechoslovakia); Leclercq, 1974b:195 (Belgium and France: locality records); Lefeber, 1974:77 (Netherlands: Heel); Eck, 1976:92 (Democratic Germany); Guichard, 1977:252 (Great Britain: Surrey); Haeseler, 1977a:25 (Germany: Friesian Islands: Island of Norderney); Kolesnikov, 1977:319 (Russia: Bryansk Oblast'); Pulawski, 1978:236, 237 (in key to Sphecidae of European part of USSR); Richards, 1980:62, 63 (in key to Sphecidae of British Isles); Felton, 1981:83 (Great Britain: Kent); Skibińska, 1982:122 (Poland: Warszawa); Kowalczyk, 1988b:64 (Poland: environs of Łódź); Pádr *in* Šedivý, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Pankevich, Belyavskaya, Molchanova, Shlyakhtenok, and Blinov, 1989:96 (Belorussia: Berezinskiy Nature Reserve); Kowalczyk, 1990:290 (Poland: Góry Świętokrzyskie); Yeo and Corbet, 1995:37 (in field guide to British solitary wasps); Vepřek, 2000:234 (Czech Republic: Moravia: Panov); Archer and Edwards, 2002:102 (Great Britain: West Sussex: Ambersham and Iping commons); Archer, 2015:203 (Great Britain: English coastal sand dunes); Carminat, Mora, and Cretin, 2019:25 (France: in list of Sphecidae *sensu lato* of Franche-Comté); Olszewski and Kowalczyk, 2019:102 (northern Poland: Pomorze Gdańskie = Gdańsk Pomerania); Kejval, Blažej, and Erhart, 2020:111 (western Czech Republic); Saure, 2020:276 (Germany: Sachsen-Anhalt: sand dunes); Olszewski, Wiśniowski, and Ljubomirov, 2021:93 (in commented list of Sphecidae *sensu lato* of Poland); Dollfuss, K. Schmidt, and Bitsch *in* Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:156 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey).

Psen rossicus Gussakovskij, 1937:669, ♀, ♂. Syntypes: European Russia: seven localities (ZIN). Synonymized with *Psen bruxellensis* by de Beaumont, 1941a:329.

9. *cahuilla* Fennemore

Mimesa cahuilla Fennemore, 1983:38, ♀, ♂. Holotype: ♂, USA: California: Marin County: Point Reyes National Seashore (originally UCB, now CAS). – Rust, Menke, and Miller, 1985:44 (California: Channel Islands).

10. *caucasica* Maidl

Mimesa caucasica Maidl, 1914:172, ♂. Lectotype: ♂, Azerbaijan: Helenendorf, now Goygol (NHMW), designated by Oehlke, 1982:58. – R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Oehlke, 1982:58 (diagnostic characters); Budrys, 1985:72 (in key to *Mimesa* of USSR); Józán, 1985b:55 (citation of Bajári's 1957 record from Simontornya), 83 (ecological and zoogeographic characteristics), 1986:368 (Hungary: Kiskunság National Park); Karsai, 1988:99 (Hungary: Kiskunság National Park); Dollfuss, 1989:10 (lectotype in NHMW); Day, 1991:xvi (summary of European Endangered Hymenoptera Lists); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Nazarova, 1998:40 (Tajikistan: Tigrovaya Balka Nature Reserve); Kazenas, 2000e:19 (in Sphecidae Fauna of Kazakhstan); Józán, 2001:278 (Hungary: Somogy County); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 115 (nesting in loess cliffs in Central Asia), 2002a:40 (geographic distribution, collecting localities in Kazakhstan); Dollfuss, 2004a:106 (Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan); Gorobchishin and Protsenko, 2004:39 (Ukraine: Kherson Oblast': Chernomorskiy Nature Reserve); Kazenas, 2004b:100 (Kazakhstan: western Tien Shan); Nazarova, 2004:105 (Tajikistan: Badakhshan Region: Bartang River valley), 2005:93 (alfalfa fields in southwestern Tajikistan); Straka, 2005a:395 (extinct in Czech

Republic); L. Ma, Q. Li, and X. Chen, 2008:21 (in key to *Mimesa* of China), 27 (first record from China: Nei Mongol: Hulunbeier west of Manzhouli at 49°36'N 117°26'E); Kazenas, 2008a:99 (southeastern Kazakhstan: Ili River valley: 11 km south of Zharkent, 15 km E Ayak-Kalkan); Józán, 2011:179 (in checklist of Sphecidae *sensu lato* of Hungary); Prisiy, 2012:46 (Russia: Belgorod Oblast'); Kazenas, 2014a:133 (Kazakhstan: Karatau Mountain Range); Atbaei, Fallahzadeh, and Ljubomirov, 2015:14 (first record from Iran: Fars Province); Rezaei and Fallahzadeh, 2015:12 (Iran: Fars: Dasht e Arzhan at 29°38'N 51°58'E); Jahantigh, Rakhshani; Mokhtari, and Ramroodi, 2017:75 (Iran: known from Fars Province); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Dollfuss, K. Schmidt, and Bitsch *in* Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:156 (in revision of Sphecidae *sensu lato* of Europe); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:419 (Uzbekistan: distribution). – **As *Psen caucasicus***: de Beaumont, 1937:60 (new generic assignment, in revision of Palearctic Psenini); Gussakovskij, 1937:674 (in revision of Palearctic *Psen*, description of ♀, in subgenus *Aporina*); Bajári, 1957a:75, 76 (in key to Hungarian Sphecidae), 1957b:137 (first record from Hungary); Balthasar and Hrubant, 1961:13 (Czech Republic: Morava: Čejč; Slovakia: Štúrovo, comparison with *Mimesa grandii*), 14 (in key to male *Mimesa* of Czechoslovakia, as *caucasicus*); van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Benedek, 1968:74 (Hungary, visiting flowers of *Angelica silvestris* L.), 1969a:84 (Hungary; marshy meadow); Balthasar, 1972:241 (in Sphecid Fauna of Czechoslovakia); Tsuneki, 1972a:178 (Mongolia); Kazenas, 1978b:151, 152 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:236, 237 (in key to Sphecidae of European part of USSR); Pádr *in* Šedivý, 1989a:168 (in checklist of Czechoslovakian Sphecidae).

11. *cheyenne* Finnamore

Mimesa cheyenne Finnamore, 1983:26, ♀, ♂ Holotype: ♂, Colorado: Nederland (CNC). – Sarazin, 1986:308 (holotype in CNC); Buck and Bennett, 2025:221 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: first record from Canada: Alberta, British Columbia: no specific locality).

12. *chinensis* (Gussakovskij)

Psen chinensis Gussakovskij, 1937:693, ♂. Holotype: ♂, China: Sichuan: Tatseninloo, valley above Chzhungu (ZIN). – van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937). – **As *Mimesa chinensis***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Dollfuss, 2004a:107 (China: Sichuan: Dialing Shan Mountians: Zhaojue village in Xichang-Meigu Pass); Hua, 2006:281 (in list of Chinese insects, geographic distribution); Ma, Li, and Chen, 2008:21 (in key to *Mimesa* of China).

13. *chiricahua* Finnamore

Mimesa chiricahua Finnamore, 1983:76, ♂. Holotype: ♂, USA: Arizona: 5 mi. west of Portal (Cornell Univ.).

14. *concors* (Gussakovskij)

Psen concors Gussakovskij, 1937:678, ♀. Holotype, ♀, China: Tsinghai, now Qinghai Province: Habirga on Lake Bagatsadamin in eastern Tsaidam (ZIN). – van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937). – **As *Mimesa concors***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Hua, 2006:281 (in list of Chinese insects, geographic distribution); L. Ma, Q. Li, and X. Chen, 2008:20 (in key to *Mimesa* of China).

15. *coquilletti* (Rohwer)

Psen coquilletti Rohwer, 1910c:103, ♀, ♂. Holotype: ♀, USA: California: San Diego County: no specific locality (USNM). – Malloch, 1933:34 (in revision of North American Psenini). – **As *Mimesa coquilletti***: Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1595 (in catalog of North American Hymenoptera); Finnamore, 1983:43 (in revision of North American *Mimesa*);

Rust, Hanks and Bechtel, 1983:406 (Nevada: Churchill County: Sand Mountain); Buck and Bennett, 2025:221 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: first record from Canada: Saskatchewan: no specific locality).

16. *crassipes* A. Costa

Mimesa carbonaria A. Costa, 1867c:105 and 1871b:34, ♀ (actually ♂), junior primary homonym of *Mimesa carbonaria* F. Smith, 1865. Holotype: ♂, Italy: Toscana: no specific locality (Napoli). Synonymized with *Psen crassipes* by de Beaumont, 1937:69 (type of *Mimesa carbonaria* is a ♂). – Kohl, 1912a:61 (Austria: Südtirol: Ratzes, now Italy: Trentino–Alto Adige: Razzes); Bonelli, 1966c:219 (Italy: Trentino–Alto Adige: Razzes).

Mimesa ochroptera A. Costa, 1871b:33, ♂. Syntypes: Italy: Sardegna, Toscana: no specific localities (Napoli). Synonymized with *Psen crassipes* by de Beaumont, 1937:69 and 1941a:329. – Ed. André, 1888:174 (in revision of Sphecidae of Europe and Algeria); Dalla Torre, 1897:354 (in catalog of world Hymenoptera). – **As *Psen ochropterus***: Gussakovskij, 1937:685 (new generic assignment, in revision of Palearctic *Psen*, description of ♀); Kazenas, 1978b:150, 152 (in key to Sphecidae of Kazakhstan and Central Asia); Romanova, 1969:134 (Russia: North Caucasus).

Mimesa crassipes A. Costa, 1871b:35, ♀. Holotype: ♀, Italy: Toscana: no specific locality (Napoli). – Ed. André, 1888:178 (in revision of Sphecidae of Europe and Algeria); Dalla Torre, 1897:352 (in catalog of world Hymenoptera); Leininger, 1951:118 (first record from Germany: Baden-Württemberg: Berghausen); Wolf, 1959a:13 (Germany: Marburg), 1959b:26 (Germany: Nassau); Mingo Pérez, 1965:169 (in revision of Spanish *Psenini*), 1968:85 (locality records from Spain and Portugal), 86 (in checklist of Iberian *Psenini*); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Pagliano, 1980:130 (Italy: Toscana); Gayubo, 1982f:246 (Spain: Cádiz Province: Vejer de la Frontera); Dollfuss, 1983b:4 (in catalog of Sphecidae of Austria); Gayubo, 1984a:166 (Spain: Salamanca Province); Mingo and Gayubo, 1984:101 (Spain); Schmidt, 1984:239 (Germany: Baden-Württemberg); Budrys, 1985:73 (in key to *Mimesa* of USSR); Westrich and Schmidt, 1985b:111 (Germany: endangered in Baden-Württemberg); Gayubo and Sanza, 1986:33 (Spain: Burgos); Gayubo, 1987:108 (Spain: Provincia de Ciudad Real); Dollfuss, 1988:21 (Austria: Niederösterreich: Oberweiden); Jacobs and Oehlke, 1990:(unknown from Democratic Germany); Pagliano, 1990:110 (in catalog of Italian Sphecidae); Day, 1991:xvi (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Torregrosa, Gayubo, Tormos, and Asís, 1993:11 (Spain: Alicante Province); Negrisoló *in* Minelli, Ruffo, and La Posta, 1995b:10 (in catalog of Italian fauna); Schmid-Egger, Schmidt, and Doczkal, 1996:377 (Germany: Baden-Württemberg: endangered); Celary, 1997:57 (in checklist of Animals of Poland); Schmidt and Schmid-Egger, 1997:18 (in checklist of German Sphecidae); Dollfuss, Gusenleitner, and Bregant, 1998:510 (Austria: summary of collecting records from Burgenland); Shkuratov, 1998:97 (Russia: Rostov Oblast'); Gayubo, García, Torres, and González, 1999:89 (Spain: Soria Province); Blösch, 2000:143 (in Sphecid Fauna of Germany); Kazenas, 2000e:21 (in Sphecid Fauna of Kazakhstan); Zettel, 2000:25 (Austria: Hundsheimer Kogel); Dollfuss and Bitsch *in* Bitsch et al., 2001:23 (in Sphecid Fauna of Western Europe); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia); Ohl et al., 2001:140 (distribution in Germany by provinces); Zettel, Gross, and Mazzucco, 2001:68 (Austria: Wien); Kazenas, 2002a:40 (geographic distribution, collecting localities in Kazakhstan); Drewes, 2003:139 (Italy: Trentino: Mount Velo-Arco); Dollfuss, 2004a:107 (Croatia, Italy, Kazakhstan, Kyrgyzstan, Russia: Kalmykia, Turkey, Ukraine); Shkuratov, 2004a:79 (Russia: Donetsk and Rostov Oblast's); Skibińska *in* Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:356 (in catalog of Polish Crabronidae); Wiśniowski, 2004:39 and 58 (in checklist of Polish Sphecidae); Gülmez and Tüzün, 2005:52 (Turkey: Ankara Province); Pagliano and Negrisoló, 2005:427 (in Sphecid Fauna of Italy); Straka, 2005a:398 (critically endangered in Czech Republic); Yildirim and Ljubomirov, 2005:1800 (Turkey: Erzurum: Şenkaya); Ljubomirov, 2006:541 (Bulgaria: Rhodope Mountains: Pchelarovo Village); Jacobs, 2007:49, 50 (in key to Crabronidae of Germany); Jansen and Kaluza, 2007:24 (Germany: first record from Sachsen); Vepřek and Straka, 2007:199 (in catalog of Sphecidae of Czech Republic and Slovakia), 212 (Vepřek, 2000, summarized records from Bohemia); Ljubomirov and Yildirim, 2008:163 (in catalog of Crabronidae of Turkey); L. Ma, Q. Li, and X. Chen, 2008:20, 22

- (in key to *Mimesa* of China), 27 (first record from China: Xinjiang: Akesu: Qiliangxi at 41°6'N 80°12'E and Tianshan at 43°58'N 90°30'E); Baños-Picón, Asís, Gayubo, and Tormos, 2009:313 (Spain: frequency of specimens collected with hand nets and Malaise traps); U. Frommer, 2009a:28 (Germany: in checklist of Sphecidae of Hessen), 37 (Germany: Hessen: Merburg-Krekel in 1955); Baghirov, 2010:679 (Russia: Altayskiy Kray: village Savvushka); Mokrousov, 2010a:63 (Russia: Kirov Oblast': no specific localities), 2010b:100 (Russia: Kirov Oblast': no specific localities); Schmid-Egger, 2010a:16 (in red list of Aculeata of Germany: extinct, last collected in 1961); van der Smissen, 2010b:385 (France: Ardèche: Saint-Maurice-d'Ibie); Baghirov, 2011b:152 (Russia: Altayskiy Kray: Savvushka); Gogala, 2011:8 (Slovenia); Józán, 2011:179 (in checklist of Sphecidae *sensu lato* of Hungary); Tischendorf, Frommer, Flügel et al., 2011:44 (Germany: extinct in Hessen, last collected in 1955); Boillat, 2012:228 (Switzerland: in checklist of insects of Canton de Genève); Strumia, Pagliano, and Gayubo, 2012:56 (Italy: Toscana: Riserva di San Rossore); Yildirim, 2012:79 (Turkey: Erzurum: university campus, Olur: Süngübayır); Bitsch, 2014:409 (recorded from France by van der Smissen, 2010b); Yıldırım, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); P. Rosa and Pagliano, 2015:103 (Italy: Lombardia and Piemonte: Parco del Ticino); Samin, Bagriacik, and Monaem, 2015:196 (Iran: East Azarbaijan: Azarshahr); Shorenko, 2015:331 (in list of Sphecidae *sensu lato* of Crimea); Mokrousov and Popov, 2016:589 (Russia: Krasnodarskiy Kray); Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:28 (Turkey: Ankara, Erzurum, Iğdır, and Tunceli provinces; variation); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:75 (Iran: known from East Azerbaijan Province); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Shorenko, 2017:78 (in Crimea collected in May and October), 2018:128 (Crimea, including localities, habitats, and number of specimens), 2020:50 (Crimea: Karadag Nature Reserve); Cross, Baldock, and Wood, 2021:62 (in catalog of Sphecidae *sensu lato* of Portugal); Kaplan and Yildirim, 2021:88 (in catalog of Crabronidae of Turkey); Olszewski, Wiśniowski, and Ljubomirov, 2021:93 (in commented list of Sphecidae *sensu lato* of Poland); Dollfuss, K. Schmidt, and Bitsch in Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:157 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey). – **As *Psen crassipes***: de Beaumont, 1937:69 (new generic assignment, in revision of Palearctic *Psenini*); Zavadil in Zavadil and Šnoflák, 1948:143 (in key to Sphecidae of Czechoslovakia); de Andrade, 1949:4 (Portugal: Lisboa); de Beaumont, 1954e:93 (Italy); Grandi, 1954:241 (Italy); Aerts, 1955:66 (first record from Germany: Rheinland); Bajári, 1957a:76, 77 (in key to Hungarian Sphecidae); Diniz, 1959:26 (Portugal: Lisboa: Monsanto); Noskiewicz and Puławski, 1960:54 (in key to Polish Sphecidae); Balthasar and Hrubant, 1961:14 (in key to male *Mimesa* of Czechoslovakia); de Beaumont, 1964c:92 (in Sphecid Fauna of Switzerland), 1965a:56 (Greece); Oehlke, 1965:341 (in revision of European *Mimesa*); de Beaumont, 1967a:339 (Turkey); Stritt, 1968:110 (Germany: Baden-Württemberg); Schmidt, 1969:164 (Germany: previous record from Rhein-Main area is in error); Zangheri, 1969:1705 (Italy: in catalog of flora and fauna of Romagna Region); Oehlke, 1970:729 (not recorded from Democratic Germany); Balthasar, 1972:239 (in Sphecid Fauna of Czechoslovakia); Niedl and Deneš, 1972:153 (Czech Republic: Třeboň area); Leclercq, 1974b:195 (France: Bouches-du-Rhône: Etangs de Vaccrès); Kolesnikov, 1977:319 (Russia: Bryansk Oblast'); Pulawski, 1978:237, 238 (in key to Sphecidae of European part of USSR); Pádr in Šedivý, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Vepřek, 2000:234 (Czech Republic: records by Niedl and Deneš, 1972, and Pádr and Tyrner, 1989-1990, reported); Mokrousov and Selivanova, 2005:754 (Russia: Voronezh Oblast').
- Mimesa costae* Ed. André, 1888:177 (as *Costae*, incorrect original capitalization). Substitute name for *Mimesa carbonaria* A. Costa, 1871. – Dalla Torre, 1897:352 (in catalog of world Hymenoptera); Antiga and Bofill, 1904:6 (Spain: Cataluña Province); de Gaulle, 1908:103 (in catalog of French Hymenoptera); Ceballos, 1956:356 (in catalog of Hymenoptera of Spain). – **As *Psen costae***: Gussakovskij, 1937:691 (new generic assignment, in revision of Palearctic *Psen*); Kazenas, 1978b:150, 152 (in key to Sphecidae of Kazakhstan and Central Asia).
- Mimesa helvetica* Tournier, 1889:103, ♀ (as *Helvetica*, incorrect original capitalization). Holotype or syntypes: ♀, Switzerland: Peney near Genève: Chateau-des-Bois (MHNG). Synonymized with *Psen crassipes* by de Beaumont, 1937:69, and with *Psen ochropterus* by Gussakovskij, 1937:685. – Tournier, 1889:68 (in key to *Mimesa* of

Switzerland); de Gaulle, 1908:103 (in catalog of French Hymenoptera); Dalla Torre, 1897:354 (in catalog of world Hymenoptera); Berland, 1925d:135 (in Sphecid Fauna of France).

Mimesa livivia Tournier, 1889:105, ♂, ♀. Syntypes: Switzerland: Peney near Genève (MHNG). Synonymized with *Psen crassipes* by de Beaumont, 1937:69 and 1941a:329. – Tournier, 1889:69 (in key to *Mimesa* of Switzerland); Dalla Torre, 1897:354 (in catalog of world Hymenoptera); de Gaulle, 1908:103 (in catalog of French Hymenoptera); Berland, 1925d:135 (in Sphecid Fauna of France). – **As *Psen livivius***: Gussakovskij, 1937:689 (new generic assignment, in revision of Palearctic *Psen*, in subgenus *Aporina*).

Mimesa pannonica Maidl, 1914:171, ♂. Holotype: ♂, Hungary: Budapest area (NHMW). Synonymized with *Psen crassipes* by de Beaumont, 1937:69, and with *Psen costae* (actually *Psen gussakovskiji*) by Gussakovskij, 1937:691. – Haris, 2016:26 (in list of species described by F. Maidl from Carpathian Basin).

As *Mimesa jacobsoni transiliensis*: Yildirim and Ljubomirov, 2007:119 (first record from Turkey: Erzurum: Aşkale: Pırnakapan), Ljubomirov and Yildirim, 2008:164 (in catalog of Crabronidae of Turkey), and Yildirim, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces), corrected to *Mimesa crassipes* by Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:28.

17. *ressonii* Packard

Mimesa cressoni Packard, 1867:405, ♀ (as *Cressonii*, incorrect original capitalization). Lectotype: ♀, USA: New Jersey: no specific locality (ANSP), designated by Cresson, 1928:50. – Cresson, 1887:282 (in catalog of North American Hymenoptera); Dalla Torre, 1897:352 (in catalog of world Hymenoptera); Ashmead, 1899d:224 (in checklist of North American Crabronidae); Viereck, 1901a:272 (New Mexico: Las Vegas Range), 1901b:342 (in checklist of North American Psenini: New Jersey: Camden County and North Carolina: Hertford County); H. Smith, 1908b:391 (in revision of Nebraskan Sphecidae); Mickel, 1916a:421 (Nebraska), 1918b:361 (in catalog of Nebraskan Sphecidae); Rau, 1922:19 (USA: Missouri: St. Louis); Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera); G. Bohart, Nye, and Hawthorn, 1970:49 (Utah: Logan, onion pollinator); Kurczewski and Lane, 1975:379 (nesting habits); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1982:41 (in Sphecid Fauna of Southern Quebec), 1983:55 (in revision of North American *Mimesa*); Spofford, Kurczewski, and Downes, 1989:259 (summary of previous records for nest parasite *Senotainia trilineata* (Wulp), a miltogrammine fly); Ahlstrom, 1995:107 (in checklist of insects of North Carolina); Kurczewski, 1998d:250 (pine barrens in upstate New York); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Ratzlaff, 2016:27 (Canada: British Columbia: from Krombein, 1979, Finnamore, 1983, and Buck, 2004); Buck and Bennett, 2025:221 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta, British Columbia, Manitoba, Ontario, Quebec, Saskatchewan: no specific locality). – **As *Psen cressonii***: W. Fox, 1898:12 (new generic assignment, in revision of North American *Psen*); J. Smith, 1900:516 (in list of insects of New Jersey), 1910:675 (in new list of insects of New Jersey); Rohwer, 1916b:659 (in catalog of Hymenoptera of Connecticut; Salisbury); Britton, 1920:338 (in checklist of insects of Connecticut); Rohwer *in* Viereck, 1925:659 (in key to Sphecidae of Connecticut); J.Ch. Bradley, 1928:1013 (in catalog of New York Sphecidae); Hendrickson, 1930:158 (Iowa); Malloch, 1933:31 (in revision of North American Psenini); Brimley, 1938:445 (North Carolina: Hereford County, Raleigh); Strickland, 1947:127 (Canada: Alberta: Medicine Hat).

Mimesa denticulata Packard, 1867:406, ♂. Holotype or syntypes: ♂, USA: Illinois: no specific locality (ANSP). Synonymized with *Mimesa cressoni* by W. Fox, 1898:12. – Provancher, 1883b:648 (in revision of Canadian Hymenoptera); Cresson, 1887:283 (in catalog of North American Hymenoptera); Ashmead, 1890:32 (in checklist of Hymenoptera of Colorado); C. Robertson, 1894:455 (visiting flowers of *Solidago canadensis* Linnaeus), 457 (visiting flowers of *Solidago nemoralis* Ait.); Dalla Torre, 1897:353 (in catalog of world Hymenoptera). – **As *Psen denticulatus***: J. Smith, 1900:516 (new generic assignment, in list of insects of New Jersey, as *denticulata*), 675 (in new list of insects of New Jersey); J.Ch. Bradley, 1928:1013 (in catalog of New York Sphecidae)

Mimesa conica H. Smith, 1908b:389, ♀. Holotype: ♀, USA: Nebraska: Sioux County: Glen (UNL). Synonymized with *Mimesa cressoni* by Mickel, 1916a:421. – Muma, 1952:19 (type in UNL).

Psen cressoni atriventris Malloch, 1933:31, sex not stated. Holotype: sex not stated: Canada: no specific locality (USNM). Synonymized with *Mimesa cressoni* by Finnamore, 1983:55. – **As *Mimesa cressoni* var. *atriventris***: Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, new status, in catalog of North American Hymenoptera). – **As *Mimesa cressonii atriventris***: R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1595 (in catalog of North American Hymenoptera).

18. *curta* Pulawski and Buck

Psen gregarius simplex Malloch, 1933:42, ♀, ♂, junior primary homonym of *Psen simplex* Tournier, 1889 (now in *Psenulus*). Holotype: ♂, USA: Idaho: Adelaide (USNM). – Dalla Torre, 1897:350 (in catalog of world Hymenoptera). – **As *Mimesa gregaria* var. *simplex***: Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, new status, in catalog of North American Hymenoptera). – **As *Mimesa gregaria simplex***: R. Bohart and Menke, 1976:162 (new status, in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera). – **As *Mimesa simplex***: Finnamore, 1983:94 (new status, in revision of North American *Mimesa*); Ratzlaff, 2016:27 (Canada: British Columbia: from Finnamore, 1983).

Mimesa curta Pulawski and Buck *in* Buck and Bennett, 2025:291. Substitute name for *Mimesa simplex*. – Buck and Bennett, 2025:221 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta, British Columbia, Manitoba, Saskatchewan: no specific locality)

19. *dawsoni* Mickel

Mimesa dawsoni Mickel, 1916a:420, ♂. Holotype: ♂, USA: Nebraska: Harrison (UNL). – Mickel, 1918b:350 (in catalog of Nebraskan Sphecidae); Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera); Muma, 1952:19 (type in UNL); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:57 (in revision of North American *Mimesa*); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Ratzlaff, 2016:27 (Canada: first record from British Columbia: Southern Interior), 38 (British Columbia: Rattlesnake Hills); Buck and Bennett, 2025:221 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta, British Columbia, Manitoba, Ontario, Saskatchewan: no specific locality).

Psen politus Malloch, 1933:35, ♀, ♂. Holotype: ♂, USA: New Mexico: 0.5 mi west of Thoreau (USNM). Synonymized with *Mimesa dawsoni* by Finnamore, 1983:57. – **As *Mimesa polita***: Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera).

20. *dzhungarica* Budrys

Mimesa dzhungarica Budrys, 1988:112, ♂. Holotype: ♂, Kazakhstan: Semipalatinsk, now Semey Oblast': 20 km east of Makanchi (ZIN). Paratype: Kazakhstan: Osh Oblast'. – Kazenas, 2002a:41 (geographic distribution, collecting localities in Kazakhstan, as name *in litteris*).

21. *edentata* (Malloch)

Psen edentatus Malloch, 1933:37, ♀, ♂. Holotype: ♂, Canada: Alberta: Bilby (USNM). – **As *Mimesa edentata***: Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:77 (in revision of North American *Mimesa*); Ratzlaff, 2016:27 (Canada: British Columbia: from Finnamore, 1983); Buck and Bennett, 2025:221 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: British Columbia, first records from Alberta and Saskatchewan: no specific locality).

Psen impressifrons Malloch, 1933:38, ♂. Holotype: ♂, USA: Washington: Perry (USNM). Synonymized with *Mimesa edentata* by Finnamore, 1983:77. – As *Mimesa impressifrons*: Krombein in Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera).

22. *empeyi* van Lith

Psen empeyi van Lith, 1974a:58, ♂. Holotype: ♂, South Africa: Limpopo Province: Ellisras, now Limpalale (TMP). – van Lith, 1974a:97 (is a member of subgenus *Mimesa*), 98 (listed). – As *Mimesa empeyi*: R. Bohart and Menke, 1976:629 (new generic assignment, in checklist of world Sphecidae).

23. *equestris* (Fabricius)

Trypoxylon equestre Fabricius, 1804:182, sex not stated. Holotype: ♂, Germany: no specific locality (ZMUC). – Spinola, 1806:66 (Italy: Liguria); Richards, 1935a:166 (interpretation of species); de Beaumont, 1937:93 (interpretation of species). – As *Psen equestris*: Panzer, 1806:110 (new generic assignment, in critical review of his earlier work); Klug, 1807:78 (*Trypoxylon equestre* is a *Psen*); Merisuo, 1938:251 (in key to *Pseninae* of Finland); Paul, 1941:49 (Germany: Pommern: Stettin area, now Poland: Województwo Zachodniopomorskie: Szczecin area); Šnoflák, 1944a:144 (Czech Republic: serpentine steppe near Mohelno); Balthasar, 1948:144 (Slovakia: Kovačov, Parkan); Zavadil in Zavadil and Šnoflák, 1948:143, 144 (in key to Sphecidae of Czechoslovakia); van Lith, 1949:147 (common in Netherlands); de Beaumont, 1951h:33 (Switzerland: Neuchâtel area), 1954e:93 (Italy); Grandi, 1954:241 (Italy); Aerts, 1955:66 (Germany: Rheinland); Bajári, 1957a:74, 76 (in key to Hungarian Sphecidae); Benno, 1958b:17 (in review of Dutch Sphecidae); de Beaumont, 1958c:207 (Swiss National Park); Olberg, 1959:274, 275, 277 (photographs of female carrying prey); Wolf, 1959b:26 (Germany: Nassau); Noskiewicz and Puławski, 1960:54, 55 (in key to Polish Sphecidae); Balthasar and Hrubant, 1961:14 (in key to male *Mimesa* of Czechoslovakia); van der Vecht, 1961a:27 (study of holotype); de Beaumont, 1964c:92 (in Sphecid Fauna of Switzerland); Fæster, 1965:192 (Denmark: Hansted Nature Reserve); Oehlke, 1965:341 (in revision of European *Mimesa*); van Lith, 1965:69 (in list of *Mimesa* treated by Gussakovskij, 1937), 70 (East Asia, bibliographic references); Benno, 1967:38 (in checklist of Sphecidae of Netherlands); Gauss, 1967:555 (Germany: Baden-Württemberg); J. Heinrich, 1967:77 (Germany: Bayern: Unterfranken District); Niedeł and Deneš, 1967:80 (Czech Republic: Třeboň area); Scobiola-Palade, 1967b:45 (Romania); Benedek, 1968:74 (Hungary, visiting flowers of *Pastinaca sativa* L.); Leclercq, 1968b:39 (Great Britain: Kent); van Lith, 1968:133 (in list of East Asian *Psen* subgenus *Mimesa*); Benedek, 1969a:84 (Hungary; marshy meadow); Lefeber, 1969c:234 (Netherlands: St. Pietersberg = Montagne Saint Pierre); Zangheri, 1969:1705 (Italy: in catalog of flora and fauna of Romagna Region); Benedek, 1970:99 (Hungary: Tapolca); Oehlke, 1970:730 (Democratic Germany); Tumšs, 1970:73 (Latvia); Schmidt, 1971b:40 (Germany: Rheinland-Pfalz: Gonsenheimer Wald, Mainzer Sand); Balthasar, 1972:236 (in Sphecid Fauna of Czechoslovakia); Haeseler, 1972:156, 168, 175, 189, 200 (Germany: Schleswig-Holstein; anthropogenic habitats); Kofler, 1972:109 (Austria: eastern Tirol); Scobiola-Palade, 1972b:253 (Romania); Leclercq, 1974b:195 (Belgium: locality records); Simon Thomas, 1974:57 (Netherlands: Limburg: Tienray); Haeseler, 1976b:72 (Germany: Friesian Islands: Island of Amrum); Eck, 1976:92 (Democratic Germany); Wolf, 1976:30 (Germany: Nordrhein-Westfalen: Victoria Mine near Littfeld); Guichard, 1977:252 (Great Britain: Surrey); Kolesnikov, 1977:319 (Russia: Bryansk Oblast'); Kazenas, 1978b:151 (in key to Sphecidae of Kazakhstan and Central Asia); Puławski, 1978:237 (in key to Sphecidae of European part of USSR); Schwammberger, 1978:418 (Germany: Württemberg); Benedek, 1979:232 (Hungary: Bakony Hills); Schwammberger, 1979:116 (Germany: Nordrhein-Westfalen: Gildehauser Venn Nature Reserve); Richards, 1980:63, 64 (in key to Sphecidae of British Isles); Felton, 1981:84 (Great Britain: Kent); Haeseler, 1981:52 (Germany: Friesian Island: Island of Amrum); Józán, 1981:305 (Hungary: Hortobágy National Park); Donath, 1982:214 (Germany: Cottbus Bezirk); Leclercq, 1982e:100 (Norway: Nord-Trøndelag: Stod); Skibińska, 1982:122 (Poland: Warszawa area); Tsuneki, 1982b:19 (known from Korea); Westrich, 1983:80 (Germany: Tübingen area); Archer, 1985d:50 (Great Britain: Yorkshire:

Pomपाली near Leeds); Paik, 1985:198 (in list of Sphecidae of Korea); Archer, 1988b:27 (Great Britain: Yorkshire: Strensall Common); Kowalczyk, 1988a:44 (Poland: Rogów), 1988b:64 (Poland: environs of Łódź); Archer, 1989a:131, 133 (Great Britain: York: found before and after coniferization); Pádr *in* Šedivý, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Pankevich, Belyavskaya, Molchanova, Shlyakhtenok, and Blinov, 1989:96 (Belorussia: Berezinskiy Nature Reserve); Kowalczyk, 1990:290 (Poland: Góry Świętokrzyskie); Archer, 1992b:21 (Great Britain: Yorkshire: Skipwith Common), 1993d:129 (Great Britain: Lincolnshire: Risby Warren 3 km northeast of Scunthorpe); Archer and Burn, 1995:59 (Great Britain: Yorkshire: Crow Wood near Finningley); von der Dunk and Amon, 1995:52 (Germany: Nürnberg: Birkenlach forest); Yeo and Corbet, 1995:37 (in field guide to British solitary wasps); Archer, 1996b:37 (Great Britain: Nottinghamshire: Sherwood Forest); Morgan, 1998:19 (Great Britain: Wales: Carmarthenshire County); Archer, 2001d:109 (Great Britain: Lincolnshire Kirkby Moor 7.5 km south of Horncastle), 2002d:11 (Great Britain: Worcestershire: Hartlebury Common 17 km north of Worcester), 2002e:42 (Great Britain: Watsonian Yorkshire); Archer and Edwards, 2002:102 (Great Britain: West Sussex: Ambersham and Iping commons); K. Alexander, 2008:149 (Great Britain: Norfolk: Sheringham Park). – *As Psen equester*: Valkeila, 1962b:67 (southwestern Finland); Valkeila, Brander, and Kämpylä, 1963:41 (Finland: historical region Lounais-Hämeen = southwest Häme). – *As Mimesa equestris*: Wesmael, 1852:272 (new generic assignment, in revision of Sphecidae of Belgium); Kirchner, 1867:216 (in catalog of European Hymenoptera); Roebuck, 1878:48 (Great Britain: Yorkshire county); Dours, 1874:151 (in catalog of Hymenoptera of France); Dalla Torre, 1897:353 (in catalog of world Hymenoptera); Richards, 1937b:105 (in checklist of British aculeates); de Graham, 1941:99 (Great Britain: Lincolnshire); Schneid, 1941:1051 (Germany: Bayern: Bamberg area); J. Perkins, 1942:197 (Sweden: Skåne: Degaberga); Spooner, 1942:110 (Great Britain: Bedfordshire: Warren), 1943:73 (Great Britain: Croxton, W Runton); Guichard and Yarrow, 1948:91 (Great Britain: London: Hampstead Heath); Spooner, 1948:147 (in revision of British Psenini); Ceballos, 1949:101 (Spain); Chambers, 1949:226 (Great Britain: Bedfordshire); Aerts, 1950a:51 (Germany: Nordrhein-Westfalen: Rheidter Wertchens near Köln); Cavro, 1950:32 (France: Département du Nord); Ceballos, 1956:356 (in catalog of Hymenoptera of Spain); Fahlander, 1957:62 (Sweden: Skåne and Småland Provinces; in key to Swedish *Mimesa*); Yeo, 1957:19 (England: Middlesex, now in London); Zirngiebl, 1957:185 (Germany: Rheinland-Pfalz: Pfalz region); Hoop, 1963b:8 (Germany: Schleswig-Holstein: Eggstedt, Götheby, Wahlstedt); Hüsing and Jäger, 1964:192 (Germany: Sachsen-Anhalt: Nietleben near Halle), 200 (nesting in sand); Mingo Pérez, 1965:169 (in revision of Spanish Psenini), 1968:84 (locality records from Spain), 86 (in checklist of Iberian Psenini); Lomholdt, 1975b:32 (Denmark: Island of Anholt), 1975c:146 (in Sphecid Fauna of Fennoscandia and Denmark); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Schmidt, 1977:96 (Germany: Baden-Württemberg: Enzklösterle in Schwarzwald); Petit, 1978:87 (Belgium: Vance); Casolari and Casolari Moreno, 1980:122 (specimens in M. Spinola collection); Dollfuss and Ressler, 1981:315, 321 (Austria: Niederösterreich: Scheibbs District); Woydak, 1981:39 (Germany: Westfalen: Hamm); Axelsson, 1982:79 (Sweden); Leclercq, 1982e:100 (Norway: Nord-Trøndelag: Stod); Dollfuss, 1983b:4 (in catalog of Sphecidae of Austria); Lefeber, 1983a:84 (Netherlands: Waddendistrict: northern coast sand dunes, islands of Texel, Vlieland, and Terschelling); Riemann, 1983:82 (Germany: Bremen-Daverden area); Chevin and Silvestre de Sacy, 1984:6 (France: Yvelines Department); Janzon and Svensson, 1984:183 (Sweden: Island of Öland); Sagvolden, 1984:19 (Norway: Buskerud: Rollag); Veenendaal, 1984:18 (Netherlands: Amsterdam); Mingo and Gayubo, 1984:101 (Spain); Haack, Tschardtke, and Vidal, 1984:129 (Germany: Hamburg area); Schmidt, 1984:240 (Germany: Baden-Württemberg); Budrys, 1985:73 (in key to *Mimesa* of USSR); Haeseler, 1985c:571 (Germany: Friesian Islands); Józán, 1985b:55 (Hungary S Lake Balaton), 77 (floral records), 83 (ecological and zoogeographic characteristics); Lefeber, 1985:87 (Netherlands: southern Limburg); Plachter, 1985:60 (Germany: Bayern: lower Brombach valley); Brechtel, 1986:62 (Germany: Südpfalz); Nemkov, 1986:93 (Russia: Siberia: Irkutsk Oblast); Nilsson, 1986:87 (Sweden); Steiner, 1986:99 (references to papers on nesting habits); Vikberg, 1986b:75 (Finland); Riemann, 1987a:340 (Germany: Niedersachsen: Bremen area), 1987b:39 (Germany: Niedersachsen: Nature Reserves Dünengebiet near Neumühlen and Voßberge); Schmidt and Westrich, 1987:366 (Germany: Mainz area); Nilsson,

1988:98 (Sweden); Riemann, 1988:223 (Germany: Bremen area); Wolf, 1988b:142 (Germany: Rheinland-Westfalen); Jacobs, 1989:5 (Germany: Mecklenburg-Vorpommern); Józán, 1989:101 (Hungary: Tihany Nature Reserve); Jacobs and Oehlke, 1990:(new records from Democratic Germany); Pagliano, 1990:111 (in catalog of Italian Sphecidae); Schwammler and Priesner, 1990:533 (Austria: Kärnten); von der Heide and Witt, 1990:64 (Germany: Niedersachsen); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Jacobs, 1991:46 (Germany: Mecklenburg-Vorpommern: Nature Reserve Elbtaldünen); Jakubzik, 1991:74 (Germany: Köln); Kowalczyk, 1991a:97, 99, 101 (Poland: Łódź), 1991b:119 (Poland: Augustów Forest); Kuhlmann et al., 1991:90 (Germany: Senne Region); Budrys, 1992:26 (in list of Sphecidae of Lithuania); Józán, 1992b:172 (Hungary: Boronka-melléki Protected Area), 1992c:289 (Hungary: Zselic Hills); Nilsson, 1992:54 (Sweden); K. Weber, 1992:87 (Germany: Bayern: Bamberg District); Luig, 1993:41 (Estonia); Kuhlmann, 1993:75 (Germany: known from Westfalen); Wiśniowski, 1993a:94 (Poland: Białowieża Primeval Forest), 96 (Poland: in checklist of Sphecidae of Białowieża Primeval Forest); Theunert, 1994c:42 (Germany: summary of records from Niedersachsen and Bremen); Budrys *in* Nemkov, Kazenas, Budrys, et Antropov, 1995:388 (in key to Sphecidae of Russian Far East); Negrisolo *in* Minelli, Ruffo, and La Posta, 1995b:10 (in catalog of Italian fauna); Scharrer, 1995:23 (Germany: Bayern: Aschaffenburg, Lohr, Miltenberg); Schmid-Egger, Risch, and Niehuis, 1995:194 (summary of records from Germany: Rheinland-Pfalz Province); Shlyakhtenok, 1995:193 (Belorussia: Berezinsky Nature Reserve); Archer, 1996b:121 (Great Britain: Yorkshire); Arens, 1996:440 (Germany: Bayern: Bayreuth area); Blösch, 1996:3 (Germany: Bayern: Tennenloher Forst Nature Reserve near Erlangen); Fowles, 1996:35 (Great Britain: in checklist of aculeates of Wales); Jakubzik, 1996:253 (Germany: Köln); Pawlikowski and Kruszyński, 1996:87 (Poland: Toruń Basin); Saure, 1996:502 (Germany: Berlin-Pankow: sewage irrigation field); Schmid-Egger, Schmidt, and Doczkal, 1996:377 (Germany: Baden-Württemberg: probably endangered); Tischendorf, 1996:46 (Germany: Hessen: near Bensheim); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Witt, 1996:106 (Germany: Brandenburg); Woydak, 1996:13 (Germany: Westfalen: summary of distribution and nesting habits); Celary, 1997:57 (in checklist of Animals of Poland); Schmidt and Schmid-Egger, 1997:18 (in checklist of German Sphecidae); Shlyakhtenok, Blinov, and Belyavskaya, 1997:152 (Belorussia: Pripyatskiy National Park); Stuke, 1997:86 (Germany: Niedersachsen: Lüneburger Heide Nature Reserve); F. Burger, Saure, and Oehlke, 1998:28 (Germany: in list of Sphecidae of Brandenburg); Dollfuss, Gusenleitner, and Bregant, 1998:510 (Austria: summary of collecting records from Burgenland); Drewes, 1998:49 (Germany: Niedersachsen: Goldbeck 26 km WSW Hamburg); Flügel, 1998:60 (Germany: Brandenburg: Unteres Odertal National Park); Gorobchishin, 1998a:48 (Ukraine: Kiev and surroundings); Jakubzik, Schlüter, and Cölln, 1998:1182, 1184 (Germany: Rheinland-Pfalz); Lefeber, 1998:182 (Netherlands: Limburg: Sint-Pietersberg near Maastricht at 50°50'N 5°41'E); N. Schneider, Olinger, and Cungs, 1998:161 (Luxemburg: Bonnevoie); H.-J. Schulz, 1998c:113 (Germany: Lausitz: former military training area near Mücka); van der Smissen, 1998:62 (Germany: Mecklenburg-Vorpommern, Niedersachsen, Schleswig-Holstein); K. Weber, 1998:143 (Germany: Bayern: Bamberg area); Herrmann, 1999:7 (Germany: Niedersachsen: Oldenburg area; habitats size); Mandery, 1999:105 (Germany: Bayern: Coburg area); Neumayer, Schwarz, and Bregant, 1999:224 (Austria: in checklist of Sphecidae of Land Kärnten); W. Klein, 1999:26 (recently recorded from Luxemburg); Pauly, 1999:108 (in catalog of Belgian aculeates); Riemann, 1999:835 (Germany: Niedersachsen: sand pits near Bremen); M. Schwarz, 1999:84 (Austria: Oberösterreich: city of Linz area); Sörensen, Mauss, and Schindler, 1999:503 (Germany: Schleswig-Holstein); Blösch, 2000:143 (in Sphecid Fauna of Germany); Dressler, 2000:33 (Germany: Hessen: Darmstadt area); Esenbekova and Kazenas, 2000:14 (southeast Kazakhstan: no specific locality); Jacobs, 2000:8 (Germany: Land Mecklenburg-Vorpommern: not endangered); Kazenas, 2000e:23 (in Sphecid Fauna of Kazakhstan); Mokrousov, 2000b:30 (Russia: Nizhniy Novgorod Oblast'); Vicidomini, 2000b:25 (Italy: previously recorded from Campania); Archer, 2001b:14 (Great Britain: Watsonian Yorkshire); Dollfuss and Bitsch *in* Bitsch et al., 2001:23 (in Sphecid Fauna of Western Europe); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 115 (review of known biology); Kazenas and Esenbekova, 2001:133 (Kazakhstan: Almatinskiy Nature Reserve); Ohl et al., 2001:140 (distribution

in Germany by provinces); Skibińska, 2001:219 (Poland: Białowieża Primeval Forest); van der Smissen, 2001:61 (Germany: Schleswig-Holstein); Wolf, 2001a:171 (Germany: Bayern: Lech valley from Augsburg to Donau); Archer, 2002b:121 (Great Britain: Watsonian Yorkshire: distribution map); Beavis, 2002:109 (Great Britain: Kent: Tunbridge Wells area); Józán, 2002:53 (Hungary: Mecsek Mountains); Kazenas, 2002a:41 (geographic distribution, collecting localities in Kazakhstan); Kowalczyk, Szczepko, and Świątek, 2002:152 (Poland: Kampinos National Park near Warszawa); Mokrousov, 2002:147 (Russia: Nizhniy Novgorod Oblast': Kerzhenskiy Nature Reserve); C. Schlüter, 2002:141 (Germany: Niedersachsen: anthropogenic habitats in Ammerland District); Shlyakhtenok and Skibinska, 2002:32 (Belorussia: no specific locality); Söderman and Vikberg, 2002:50 (in list of Aculeata of Finland); von der Dunk and Amos, 2002:158 (Germany: Bayern: Schwaig near Nürnberg); Archer, 2003a:58 (Great Britain: Watsonian Yorkshire); Bergsten, Ekerholm, Hellquist, Hilszczanski, Nilsson, Pettersson, and Werner, 2003:71 (Sweden: Västerbotten: Island of Romelsön); Cölln, Esser, and Jakubzik, 2003:62 (Germany: northwestern Rheinland-Pfalz: excavation sites and quarries); Esser and Jakubzik, 2003:291 (Germany: Nordrhein-Westfalen: Niederrheinisches Tiefland); Mandery, Kraus, Voith, Wickl, Scheuchl, Schubert, and Warncke, 2003:67 (Germany: in catalog of wasps and bees of Bayern); Tischendorf and Treiber, 2003:121 (Germany: Hessen: 15 km southwest of Frankfurt am Main: nesting under high power lines); von der Heide and Metscher, 2003:102 (Germany: Niedersachsen: Emsland area); Archer, 2004:47 (Great Britain: Worcestershire: Devils Spittleful Nature Reserve); Dollfuss, 2004a:107 (Austria, Czech Republic, Finland, Slovakia); Esser, Jakubzik, Sonnenburg, and Woydak, 2004:262 (Germany: in checklist of Sphecidae of Nordrhein-Westfalen); Hellrigl, 2004a:173 (Italy: Trentino-Alto Adige, as Südtirol: Vinschgau = Val Venosta: St. Martin im Kofel); Klein and Lefebvre *in* Peeters, van Achterberg, et al., 2004:395 (in Wasp and Ant Fauna of Netherlands); Majzlan and Deván, 2004:30 (Slovakia: Sekule), 32 (Slovakia: Malacky-Široké); Raemakers, van den Eijnde, and Kleukers, 2004:292 (Netherlands: Tungeleerwalle near Weert); Schneider and Carrières, 2004:98 (Luxemburg: Bon-Pays Region); Skibińska *in* Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:356 (in catalog of Polish Crabronidae); Stolle et al., 2004:372 (Germany: Sachsen-Anhalt: in red list of Sphecidae); Szczepko and Kowalczyk, 2004:125 (Poland: Kampinos National Park near Warszawa); van Achterberg and Peeters, 2004:31 (in checklist of Sphecidae of Netherlands); Wiśniowski, 2004:39 and 58 (in checklist of Polish Sphecidae); Archer, 2005c:56 (Great Britain: Suffolk County); Blösch, 2005:3 (Germany: Bayern: Tennenloher Forst Nature Reserve near Erlangen); Burger, 2005:33 (Germany: Thüringen); Edwards and Broad, 2005:52 (Great Britain: distribution, status, habitat, flight period, prey, nesting habits, flower visiting, parasites, and distribution map); Gayubo and Özbek, 2005:35 (Turkey: no specific locality); Haeseler, 2005:629 (Germany: Niedersachsen: Steller Heide near Bremen); Hallin, 2005:16 (Sweden: Örebro County: Hällefors); Jacob and Remacle, 2005:62 (Belgium: Luxembourg Province: quarry Haut des Loges in Vance); Kofler, 2005:166 (Austria: Tirol: Lienz District: Ort in Lavant Common, Maria-Trost in City of Lienz, Tschule Alm in Thurn Common, Ort in Matrei Common); Kraatz, 2005:103 (Germany: Niedersachsen: Bümmerstede near Oldenburg); Nemkov, 2005a:142 (Russia: Island of Sakhalin); Pagliano and Negrisolò, 2005:428 (in Sphecidae Fauna of Italy); Pijfers, 2005:49 (Netherlands: Twente: Noordelijke Manderheide); Reder, 2005:951 (Germany: Rheinland-Pfalz: Eisenberg); Riemann and Hohmann, 2005:560 (Germany: Niedersachsen: city of Bremen and adjacent area); Robinson, 2005:37 (Great Britain: Cumbria County); Saure, 2005:16 (Germany: Berlin); Schmalz, 2005:57 (references to XIXth century authors); Theunert, 2005a:17 (Germany: in checklist of Sphecidae of Niedersachsen and Bremen); Venne and Bleidorn, 2005:43 (Germany: Nordrhein-Westfalen: Moosheide Nature Reserve); Yildirim and Ljubomirov, 2005:1800 (Turkey: Erzurum: Ilıca); Archer, 2006c:217 (Great Britain: Staffordshire: Highgate Common); Bock, 2006:41 (Germany: Bayern: Kelheim District: Abensberg sands); Liebig, 2006:38 (Germany: Sachsen: Muskauer Heide); Peeters, Krekels, and Megens, 2006:22 (Netherlands: Reichswald forest near Nijmegen); N. Schneider, 2006:141 (Luxemburg: anthropogenic habitats); Shlyakhtenok, 2006:110 (Belorussia: Polesye Radiological Nature Reserve); Vepřek, 2006:510 (Czech Republic: Kokořínsko area); Archer, 2007a:151 (Great Britain: Norfolk: Thetford Warren Lodge); Beavis, 2007:95 (Great Britain: Tunbridge Wells and Central High Weald); Bitsch, Dollfuss, Bouček, Schmidt, Schmid-Egger, Gayubo, Antropov, and Barbier, 2007:453

(additional ethological reference is Hobby, 1932), 462 (prey according to Hobby, 1932: Hemiptera Cicadellidae: *Athysanus sejungendus* Kirschbaum, now *Conosanus obsoletus* (Kirschbaum) and *Paramesus nervosus* Fallén, now *Paramesus obtusifrons* (Stål)); Guldmond, Pijfers, and den Belder, 2007:203 (Netherlands: Gelderland: dairy farm in de Graafschap); Hallin, 2007b:24 (Sweden: Blekinge County); Herrmann, 2007a:52 (Germany: Niedersachsen: Ostfriesland); Jacobs, 2007:48, 50 (in key to Crabronidae of Germany); Jansen and Kaluza, 2007:24 (Germany: northwestern Sachsen); Józán, 2007:179 (Hungary: Zselic hills); Saure, 2007:82 (Germany: in checklist of Aculeata of Land Brandenburg); Shlyakhtenok, 2007a:299 (Belorussia: Berezinsky Nature Reserve); Smit and Megens, 2007:17 (Netherlands: Noort Brabant: vicinity of Leende); Vago, 2007:174 (France: départements du Nord, Pas-de-Calais, and Somme); Venne, Bleidorn, and Lauterbach, 2007:302 (Germany: Nordrhein-Westfalen: Bielefeld); Vepřek and Straka, 2007:199 (in catalog of Sphecidae of Czech Republic and Slovakia); Winkler, 2007:30 (Germany: Niedersachsen: eastern Friesland); Yildirim and Ljubomirov, 2007:119 (Turkey: Erzurum and Kars provinces), 123 (sculpture and coloration in Turkish specimens); Haeseler, 2008:308 (Germany: Friesian Islands); Kazenas, 2008b:111 (Kazakhstan: foothills of Zailiskiy Alatau: found on loess cliffs); Ljubomirov and Yildirim, 2008:163 (in catalog of Crabronidae of Turkey); Nemkov, 2008b:17 (in catalog of Crabronidae of Asiatic Russia); Theunert, 2008:48 (Germany: map of distribution in Niedersachsen and Bremen); Debuyser and Vago, 2009:3 (in list of Sphecidae *sensu lato* of France); U. Frommer, 2009a:28 (Germany: in checklist of Sphecidae of Hessen); Nemkov, 2009b:52 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Ødegaard, Sverdrup-Thygeson, Hansen, Hanssen, and Öberg, 2009:71 (Norway: locality records); Szczepko and Wiśniowski, 2009:70 (Poland: Spała Landscape Park); van Diemen, 2009:49 (Netherlands: airbase Gilze-Rijen); Archer, 2010a:52 (Great Britain: Watsonian Nottinghamshire: Spalford Warren), 2010b:99 (Great Britain: Watsonian Staffordshire: Cannock Chase Country Park); Ermilov and Mokrousov: 2010:91 (phoretic mite *Spinanoetus* sp. in Middle Volga Region of Russia); Esser, Fuhrmann, and Venne, 2010:37 (Germany: in checklist of aculeates of Nordrhein-Westfalen); Falk, 2010:93 (Great Britain: heathland sites in West Midlands region); Hable, Krauss, von der Dunk, and Wickl, 2010:27 (Germany: Bayern: Sulz- and Ottmaringer Tal); Johansson, 2010:121 (Sweden: Småland: upper Emå river valley); J. Kim and Yang, 2010:144 (in checklist of Korean Pemphredoninae); Mokrousov, 2010a:63 (Russia: Kostroma, Nizhniy Novgorod, Vladimir, and Yaroslavl' Oblast's, Chuvash Republic, Tatarstan: no specific localities); Saure, 2010a:87 (Germany: Berlin-Reinickendorf: Baumberge), 2010b:175 (Germany: Berlin-Reinickendorf: airport Tempel and Flughafensee Protected Area); Schmid-Egger, 2010a:16 (in red list of Aculeata of Germany: relatively common); Schmidt, 2010:136 (Germany: Bayern: collected along Main-Donau canal); Shorenko and Konovalov, 2010:25 (Ukraine: Sumy Oblast': village Ekaterinovka); Smetana, Roller, Beneš, Bogusch, Dvořák, Holý, Karas, Macek, Straka, Šima, Tyrner, Vepřek, and Zeman, 2010:102 (Western Slovakia: recorded from Borská Nižina); van der Smissen, 2010a:343 (Germany: Schleswig-Holstein and Mecklenburg-Vorpommern: locality records), 2010c:396 (Sweden: Öland: Byrums Sandvik, Rönnerum); Archer, 2011a:42 (Great Britain: Yorkshire: Strensall Common), 2011d:187 (Great Britain: Watsonian Yorkshire: Hatfield Moor); Baghirov, 2011b:152 (Russia: Altayskiy Kray: Savvushka); Burger, 2011a:287 (Germany: in red list of Sphecidae *sensu lato* of Thüringen); Gogala, 2011:9 (Slovenia); Józán, 2011:179 (in checklist of Sphecidae *sensu lato* of Hungary); Mokrousov, Berezin, and Egorov, 2011:81 (Russia: Chuvash Republic); Saure, 2011d:200 (Germany: Sachsen-Anhalt: conservation area "Heide südlich Burg"; Theunert, 2011a:20 (Germany: in checklist of aculeates of Niedersachsen including city of Bremen); Tischendorf, Frommer, Flügel et al., 2011:143 (Germany: Hessen: not endangered); von der Dunk, 2011:184 (Germany: Bayern: Kaiserburg in Nürnberg); Ziska and Saure, 2011:109 (Germany: Berlin: Tegeler Fließ valley); Archer, 2012a:130 (Great Britain: Watsonian Yorkshire: Allerthorpe Common), 2012b:183 (Great Britain: urban York); Boillat, 2012:228 (Switzerland: in checklist of insects of Canton de Genève); Nemkov, 2012c:434 (in catalog of Crabronidae of Russian Far East); Mokrousov, Ruchin, and Egorov, 2013:203 (Russia: Mordovian Republic: Mordovian State Nature Reserve); Saure, 2012b:229 (Germany: Berlin-Spandau: Spandauer Forst); Shlyakhtenok, 2012a:171 (Belorussia: collected in private plots), 2012b:92 (Belorussia: Beresina National Reserve: overgrowing dry meadow); Yildirim, 2012:79 (Turkey: Bayburt: Kopdağı: Şehitler Çeşmesi); A. Scholz and Liebig,

- 2013:22 (Germany: Sachsen: in list of Sphecidae *sensu lato*); Shlyakhtenok, 2013:136 (in annotated catalog of aculeate wasps of Belorussia); Wiśniowski and Szczepko, 2013:38 (Poland: Kampinos National Park near Warszawa); Bitsch, 2014:409 (France: Aisne: Rocourt-Saint-Martin; Haut-Rhin: Munster); Hellqvist, Abenius, and Norén, 2014:94 (in catalog of Ampulicidae, Sphecidae, and Crabronidae of Sweden, by provinces); J.-K. Kim, 2014:444 (in catalog of Sphecidae *sensu lato* of Korean Peninsula), 451 (recorded from Korea but not occurring there); Mokrousov and Vafin, 2014:59 (Russia: Republic of Tatarstan); Pagliano, 2014:96 (specimens in M. Spinola collection, Torino, are *Mimesa bruxellensis*, *Mimesa* Debuysse and Vago, 2009:3 (in list of Sphecidae *sensu lato* of northern France);, and *Mimesa* sp.); Yıldırım, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); Paukkunen and Kozlov, 2015:63 (Russia: Murmansk Oblast'); Simon, Lorthiois, and Macé, 2015:54 (France: alluvial terraces in Eure Department: Courcelles-sur-Seine); Cölln and Jakubzik, 2016:18 (Germany: Rheinland-Pfalz: Vulkaneifel District); Else, Bolton, and Broad, 2016:43 (in checklist of Aculeata of Great Britain and Ireland: England, Scotland, Wales); Reemer and Peeters, 2016:10 (Netherlands: Hulshorsterzand); U. Sörensen, 2016:427 (Germany: Schleswig-Holstein: der Ochsenweg south of Leck); Stolle and Saure, 2016:923 (Germany: in list of Sphecidae *sensu lato* of Sachsen-Anhalt); Yıldırım, Ljubomirov, Özbek, and Yüksel, 2016:28 (Turkey: Erzurum and Kars provinces); Durand and Burguet, 2017:2 (France: Puy-de-Dôme: Réserve Naturelle Nationale Chastreix-Sancy); Jansen, 2017:9 (Germany: Sachsen: Leipzig); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Jacobs and Liebig, 2018:143 (Russia: Irkutsk Oblast': Bol'shoye Goloustnoye); Olszewski and Kowalczyk, 2019:102 (northern Poland: Pomorze Gdańskie = Gdańsk Pomerania); Ruchin and Antropov, 2019a:13240 (Russia: Mordovia State Nature Reserve); Kejval, Blažej, and Erhart, 2020:111 (western Czech Republic); Kaplan and Yıldırım, 2021:88 (in catalog of Crabronidae of Turkey); Olszewski, Wiśniowski, and Ljubomirov, 2021:93 (in commented list of Sphecidae *sensu lato* of Poland); Dollfuss, K. Schmidt, and Bitsch *in* Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:157 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yıldırım, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey); Frommer and Klenke, 2025:164 (Germany: Hessen: Lahntal near Weilburg).
- Psen basalis* Stephens, 1829a:362 (in catalog of British insects), by indication, Article 12.2.1 (reference to Curtis, 1824:25). Substitute name for *Psen equestris* of Curtis, 1824:25. – Stephens, 1829b:33 (in checklist of British insects).
- Nec *Mimesa equestris* (collectively corrected to *Mimesa bicolor* by de Beaumont, 1937:93): Jurine, 1907:137; Curtis, 1824:pl.25; Stephens, 1829:362 (as *Psen*), 1829b:33 (in checklist of British insects, as *Psen*); Vander Linden, 1929:109; Shuckard, 1836:57, 1837a:230; Herrich-Schaeffer, 1840:292; Dahlbom, 1842a:8, 1843:4; Lepeletier de Saint Fargeau, 1845:43; von Kiesenwetter, 1849:87; F. Smith, 1849a:2373, 1851c:40, 1853:65; Kirchner, 1854:310; F. Smith, 1856:430; Kawall, 1857:23; Ruthe and Stein, 1857:312; Schenck, 1857:208; F. Smith, 1858c:182; Assmuss, 1859:605; Brischke, 1862:97; Taschenberg, 1858:78; Funk, 1859:60; Schenck, 1860:149; A. Costa, 1864b:112; Taschenberg, 1866:205; A. Costa, 1867c:106; Jaenicke, 1867:147; Schenck, 1867a:357; Jaenicke, 1868:9; von Aichinger, 1870:321; Thomson, 1870:232; A. Costa, 1871b:35; F. Smith, 1871b:19; Thomson, 1874:180; Wierzejski, 1874:258; Taschenberg, 1875:387; Beuthin, 1876:232; Schlechtendal, 1876:54; Daly, 1878:47; Roebuck, 1878:48; Girard, 1979:940; Becker, 1880:152; Kohl, 1880:140; E. Saunders, 1880:262; Siebke, 1880:61; Marquet, 1881:177; Friese, 1883:203; Kohl, 1883e:661; Sickmann, 1883:80; von Heyden, 1884:121; Wüstnei, 1886:39; Ed. André, 1888:180; Brischke, 1888b:94; Tournier, 1889:69 and 106; Assmuss, 1892:52; Radoszkowski, 1892:587; Kohl, 1983a:40; Sickmann, 1893:96; Westerlund, 1893:24; Baldini, 1894:51; Medina, 1894a:260; E. Saunders, 1896:101; Borries, 1897:84; Mocsáry, 1897:78; Lange, 1898:70; Strand, 1898b:92; N. Arnold, 1902:90; de Cobelli, 1903:105; Antiga and Bofill, 1904:4; Aurivillius, 1904:257; Kubes, 1905:83; W. Schulz, 1904b:91; G. Arnold, 1905:262; Schmiedeknecht, 1907:250; de Gaulle, 1908:103; Cavro, 1910:684; Dittrich, 1911b:26; Graeffe, 1911:49; Schirmer, 1912:168; Szilády, 1913:88; Torka, 1913:35; Alfken, 1914:284; Birula, 1914:389; Haines, 1914:129; Strand, 1918:3; Dubois, 1919:96; O. Meyer, 1919:157; Morley, 1919:209 (in

Psen); Noskiewicz, 1920a; A. Wagner, 1920:36; Dubois, 1922:216; Hedicke, 1922:2272; R. Perkins, 1924:221 (in *Psen*); Berland, 1925d:135; Bischoff, 1925:302; Coulon, 1925:113; Friese, 1926:165; Schütze, 1925:114; Bouwman, 1926:80; Hémon, 1926:199; F. Werner, 1927:67; Bouwman, 1928b:54; Schmiedeknecht, 1930:710; Pulkkinen, 1931:82; Bondroit, 1932:34; Balles, 1934:23; Jansson, 1934:291; Drogoszewski, 1936:130; Gussakovskij, 1937:672; Crèvecoeur and Maréchal, 1936:250; Zavadil, Šusterka, and Bat'a, 1937:220; A. Wagner, 1937:124; Yarrow, 1939:15; Dovnar-Zapolskiy, 1940:304; Balthasar, 1941b:114; Giner Marí, 1943; Szulczewski, 1950:108; Caruel, 1952b:101; Vergne, 1955:5; Dathe, 1969:440. – *As Psen equestris*: Acloque, 1897:82 (in *Sphecida Fauna of France and Algeria*); de Beaumont, 1937:66 (in revision of Palearctic *Psenini*).

As *Mimesa bicolor* (or *Psen unicolor*) of authors prior to 1937 (collectively corrected to *Psen equestris* by de Beaumont, 1937:93): Stephens, 1829:362 (in catalog of British insects), 1829b:33 (in checklist of British insects); Shuckard, 1836:57 (preying on homopteran larvae), 1837a:230 (Great Britain); von Siebold, 1839:52 (Germany: Danzig, now Poland: Gdańsk); Dahlbom, 1942a:8 (in review of Scandinavian aculeates); F. Smith, 1851c:41 (Great Britain: no specific locality), 1853:65 (in checklist of British Hymenoptera), 1856:430 (in catalog of Hymenoptera in British Museum); Schenck, 1857:209 (Germany: in revision of fossorial wasps of Nassau Region); F. Smith, 1858c:183 (in review of British Aculeata, redescription); Taschenberg, 1858:78 (in key to Sphecidae of Germany; as *bicolor* Shuck.); Funk, 1859:60 (Germany: Bayern: Bamberg); Schenck, 1860:149 (Germany: Nassau Region, as *bicolor* Shuck.); A. Costa, 1864b:112 (two specimens from France in Museo Zoologico di Napoli), 1867c:105 (in revision of Italian Sphecidae); Schenck, 1867a:357 (Germany: Nassau Region); Jaenicke, 1868:9 (Germany: Hessen: Taunus); F. Smith, 1868a:96 (Great Britain: Mousehold Heath near Norwich); von Aichinger, 1870:322 (Austria: Tirol; as *bicolor* Shuck.); Bold, 1870:151 (Great Britain: Northumberland and Durham); Thomson, 1870:232 (in revision of Swedish wasps); A. Costa, 1871b:34 (in revision of Italian Sphecidae); F. Smith, 1871b:19 (in catalog of British Aculeata); Dours, 1874:151 (in catalog of Hymenoptera of France); Thomson, 1874:182 (in revision of Hymenoptera of Scandinavia); Wierzejski, 1874:258 (Poland: Kopaliny near Bochnia; Ukraine: Lviv; as *bicolor* Sch.); Beuthin, 1876:232 (Germany: Hamburg area); Schmiedeknecht, 1876:186 (Germany: Thüringen: Rothensteiner Felsen); Roebuck, 1879:49 (Great Britain: recorded from Yorkshire county by F. Smith, 1858); Kohl, 1880:140 (Austria: Tirol, and Italy: Trentino–Alto Adige); E. Saunders, 1880:262 (in revision of British Aculeata); Siebke, 1880:61 (Norway); Marquet, 1881:177 (southern France); Sajó, 1882:5 (Hungary); Kohl, 1883e:661 (Switzerland); Sickmann, 1883:80 (Germany: Niedersachsen: Wellingholthausen); De Stefani Perez, 1886:171 (Italy: Sicilia: monte di Renda near Palermo); Wüstnei, 1886:39 (Germany: Schleswig Holstein: Elmshorn); Ed. André, 1888:179 (in revision of Sphecidae of Europe and Algeria); Rudow, 1888a:27 (free living, not a parasite); Tournier, 1889:69 (in key to *Mimesa* of Switzerland), 106 (redescription); Radoszkowski, 1892:587 (male genitalia); F. Morawitz, 1893a:108 (Russia: Karelian Isthmus); Westerlund, 1893:24 (Russia: Karelian Republic: northern shore of Lake Ladoga); De Stefani Perez, 1894:216 (Italy: Sicilia), 1895:226 (in catalog of Sicilian Hymenoptera); Meunier, 1896:274 (Belgium: Bruxelles area); E. Saunders, 1896:101 (in revision of British Aculeata); Kozhevnikov, 1897:15 (Russia: Moscow Governorate); Martineau, 1897b:275 (Great Britain: Coleshill); Strand, 1898b:92 (Norway; as *bicolor* Wesm.); Gardner, 1901:378 (Great Britain: Cheshire: Delamere); Nevinson, 1901:72 (Great Britain: Wales: Crickieth); Ghigi, 1902:190 (Greece: Ionian Islands: Kefalonia: Megalo Vuno); Adlerz, 1904:135 (nesting habits); Antiga and Bofill, 1904:6 (Spain: Cataluña Province); Aurivillius, 1904:257 (in revision of Swedish Sphecidae); E. Saunders, 1904b:249 (Great Britain: Scotland: Nairn); W. Schulz, 1904b:91 (Ukraine: Berdychev; Finland: Pargola, now Russia: Pargolovo); von Heyden, 1905:82 (Germany: Hessen: Frankfurt; as *bicolor* Shuck.); Mantero, 1905:66 (Italy: Toscana: Isola del Giglio); E. Saunders, 1907a:67 (Great Britain: Porthcawl; as *Psen bicolor* Fab.); Schmiedeknecht, 1907:249 (in key to Hymenoptera of Central Europe); de Gaulle, 1908:103 (in catalog of French Hymenoptera); Jourdain, 1909:189 (Great Britain: Derbyshire: Little Eaton); Morley, 1909:305 (Great Britain: Isle of Wight); Dittrich, 1911b:26 (Germany: Niederschlesien Province, now Poland: Dolny Śląsk Region); Graeffe, 1911:49 (Italy: Trieste area); Hallett, 1912:94 (Great Britain: Glamorgan County); Schirmer, 1912:168 (Germany: Berlin area); Zavattari, 1912:3 (Italy: Sardegna: Pantaleo);

Alfken, 1914:284 (NW Germany); Birula, 1914:389 (Belorussia: Ambrosovichi and Luskinopol' near Vitebsk); Zilahi Kiss, 1915:80 (Hungary: Bethlen, Toroczkó); Dubois, 1919:96 (Belgium: Bruxelles: Uccle); O. Meyer, 1919:156 (Germany: Posen Province, now Poland: Poznań Region); A. Wagner, 1920:36 (Germany: Lower Elbe region); Haines, 1914:129 (Great Britain: Dorset); Hallett, 1916:221 (Great Britain: South Wales: Porthcawl); Dubois, 1922:216 (in key to Belgian Sphecidae); Leininger, 1924:121 (Germany: Baden-Württemberg); R. Perkins, 1924a:221 (Great Britain: Devon, in *Psen*); Berland, 1925d:135 (in Sphecid Fauna of France); Bischoff, 1925:302 (Latvia: Wezkukkul; Poland: Grajewo area); Coulon, 1925:113 (France: Evreux, Oise); Schütze, 1925:114 (Germany: Lausitz Region); Bouwman, 1926:280 (in list of Sphecidae of Netherlands); Hémon, 1926:199 (France: Finistère: Fouesnant); Bouwman, 1928b:53 (in revision of Sphecidae of Netherlands); Grandi, 1930:341 (Italy: Toscana: Maremma), 1931:58 (Italy: Emilia-Romagna: Cervia); Hobby, 1931e:11 (Great Britain: near Christchurch, prey: jassids *Athysanus sejugendus* Kbm. and *Paramesus nervosus* Fall.); Pulkkinen, 1931:82 (in revision of Sphecidae of Finland); Bondroit, 1932:34 (Belgium: Solbosch, Uccle); Giordani Soika, 1932a:22 (Italy: Lido di Venezia; as *bicolor* Shuckard); Hoffmeyer, 1932:60 (number and position of forewing sensillae); Chambers, 1933:188 (Great Britain: Bedfordshire; as *bicolor* Fab.); E. Nielsen, 1933:315 (nesting habits); Routledge, 1933:87 (England: Cumberland; in *Psen*); Spooner, 1933:203 (Great Britain: Bedfordshire: Sandy; as *bicolor* F.); K. Strohm, 1933:338 (Germany: Baden: Württemberg: Kaiserstuhl); Balles, 1934:23 (Germany: Baden-Württemberg: Achem); Giner Marí, 1934:135 (Spain); Jansson, 1934:291 (Sweden); Forsius in Forsius and Hellén, 1935:11 (in checklist of Hymenoptera of Finland); Crèvecoeur and Maréchal, 1936:250 (in catalog of Belgian Hymenoptera); Drogoszewski, 1936:130 (Poland: Łowicz); Gussakovskij, 1937:666 (in revision of Palearctic *Psen*, in subgenus *Aporina*); Zavadil, Šusterka, and Baťa, 1937:219 (in catalog of Sphecidae of Czechoslovakia). – Also: A. Wagner, 1938a:124 (northwestern Germany); Balthasar, 1941b:114 (Czech Republic: eastern Moravia); Giner Marí, 1943:51 (in Sphecid Fauna of Spain); Deleurance, 1946b:64 (nest and prey), 67 (France: Bouche-du-Rhône: Camargue: Bois des Rièges); Georgel, 1950:64 (France: Seine-et-Oise: Sucy-en-Brie); Szulczewski, 1950:109 (Poland: Wielkopolski National Park 15 km S Poznań); Caruel, 1952a:62 (France: Marne Department); Janvier, 1956b:203 (nests destroyed by rainy period); Vergne, 1955:5 (France: Auvergne); Hoop, 1963a:73 (Germany: Schleswig-Holstein: Reher Kratt), corrected to *Psen equestris* by Hoop, 1973:48.

As *Psen bicolor*: de Beaumont, 1937:62, corrected to *Psen equestris* by de Beaumont, 1937:93.

As *Mimesa fallax*: Yildirim and Ljubomirov, 2005:1800 (Turkey: Erzurum: Şenkaya), corrected to *Mimesa equestris* by Yildirim and Ljubomirov, 2007:119.

24. *ezra* (Pate)

Mimesa argentifrons Cresson, 1865b:487 (June), ♀, ♂, junior secondary homonym of *Psen argentifrons* Cresson, 1865a:152 (Jan.), now in *Pluto* (Article 59.3). Lectotype: ♀, USA: Colorado Territory: no specific locality (ANSP), designated by Cresson, 1916:102. – Provancher, 1883b:648 (in revision of Canadian Hymenoptera); Cresson, 1887:282 (in catalog of North American Hymenoptera); Ashmead, 1890:32 (in checklist of Hymenoptera of Colorado); Dalla Torre, 1897:350 (in catalog of world Hymenoptera); W. Fox, 1898:12 (in revision of North American *Psen*); Ashmead, 1899d:224 (in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American Psenini); Hart, 1907:256 (Illinois); F. Williams, 1914b:226 (nesting habits). – **As *Psen argentifrons***: J.Ch. Bradley, 1928:1013 (new generic assignment, in catalog of New York Sphecidae); Malloch, 1933:38 (in revision of North American Psenini).

Psen ezra Pate, 1944c:133. Substitute name for *Psen argentifrons* (Cresson, 1865). – **As *Mimesa ezra***: Krombein in Muesebeck, Krombein, and Townes, 1951:960 (new generic assignment, in catalog of North American Hymenoptera); Krombein, 1958f:189 (in supplement to catalog of North American Hymenoptera: Washington, Wisconsin), 1963f:274 (Maryland: Plummers Island near Washington, D.C.); Kurczewski and Kurczewski, 1963:146 (Pennsylvania: Presque Isle State Park); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:59 (in revision

of North American *Mimesa*); Kurczewski and Acciavatti, 1990:60 (New York: Cayuga County); Sugar *et al.*, 1998:15 (Canada: southern Ontario); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Buck and Bennett, 2025:221 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta, New Brunswick, Ontario, Quebec, first records from British Columbia and Saskatchewan: no specific locality).

Mimesa iroquois Finnamore, 1980:297, ♀. Holotype: ♀, Canada: Quebec: Mount St. Hilaire (Lyman Entomol. Mus.). Synonymized with *Mimesa ezra* by Finnamore, 1983:60. – Finnamore, 1982:45 (in Sphecid Fauna of Southern Quebec).

25. *fallax* F. Morawitz

Mimesa fallax F. Morawitz, 1893b:409, ♀. Lectotype: ♀, Tajikistan: Leninabad Oblast': Zeravshanskiy Khrebet 40 km SW Pendzhikent: Kshtut River (ZIN), designated by Budrys, 1985:62. – Dalla Torre, 1897:354 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Budrys, 1985:62 (in revision of *Mimesa* of USSR), 74, 75 (in key to *Mimesa* of USSR), 1988:114 (variation, diagnostic characters); Esenbekova and Kazenas, 2000:14 (southeast Kazakhstan: 3 km S and 6 km SW Alma Ata, 2 km S Talgar); Kazenas, 2000e:24 (in Sphecid Fauna of Kazakhstan), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia); Kazenas and Esenbekova, 2001:133 (Kazakhstan: Almatinskiy Nature Reserve); Kazenas, 2002a:41 (geographic distribution, collecting localities in Kazakhstan); Dollfuss, 2004a:107 (Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, apparently a montane species); nec Yildirim and Ljubomirov, 2005:1800 (= *Mimesa equestris*); Kazenas, 2008a:99 (southeastern Kazakhstan: 3-8 km S alma Ata, 5-10 km SW Alama Ata, 2 km south of Talgar, 25 km S Turgen'), 2008b:111 (Kazakhstan: foothills of Zailiskiy Alatau: found on loess cliffs); Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:28 (Turkey: Erzurum: Atatürk University campus). – *As Psen fallax*: de Beaumont, 1937:75 (new generic assignment, original description copied); Gussakovskij, 1937:679 (in revision of Palearctic *Psen*, in subgenus *Aporina*); van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Kazenas, 1978b:151 (in key to Sphecidae of Kazakhstan and Central Asia).

Psen dzingis Tsuneki, 1972a:182, ♀, ♂. Holotype: ♀, Mongolia: Uvs Aymag: Ulaan-davaa (TMB). Synonymized with *Mimesa fallax* by Budrys, 1988:114. – *As Mimesa dzingis*: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae).

26. *filippovi* (Gussakovskij)

Psen filippovi Gussakovskij, 1937:681, ♂. Syntypes: ♂, China: Jiangsu Province: Nanking, now Nanjing: Temple of Heaven (ZIN). – van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937), 71 (East Asia, bibliographic references), 1968:133 (in list of East Asian *Psen* subgenus *Mimesa*). – *As Mimesa filippovi*: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); L. Ma, Q. Li, and X. Chen, 2008:21, 22 (in key to *Mimesa* of China), 26 (description of ♀, China: Beijing at 39°55'N 116°25'E, Shandong: Jinan at 36°39'N 117°E)..

27. *foxi* Finnamore

Mimesa foxi Finnamore, 1980:293, ♀, ♂. Holotype: ♀, Canada: Quebec; Terrebonne County: Lac Carré (Lyman Entomol. Mus.). – Finnamore, 1982:43 (in Sphecid Fauna of Southern Quebec), 1983:29 (in revision of North American *Mimesa*); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Buck and Bennett, 2025:222 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta, Manitoba, New Brunswick, Newfoundland Island, Northwest Territories, Ontario, Prince Edward Island, Quebec, Saskatchewan, first record from Nova Scotia: no specific locality).

28. *gabrielis* Finnamore

Mimesa gabrielis Finnamore, 1983:73, ♀, ♂. Holotype: ♂, California: Gavilan (UCR).

29. *grandii* Maidl

Mimesa grandii Maidl, 1933a:5, ♀ (as *Grandii*, incorrect original capitalization). Holotype: ♀, Italy: Toscana: Livorno: San Vincenzo (Bologna). – Grandi, 1934:130 (Italy: Emilia-Romagna: Cervio, Gaggio Montano, and Grizzana, and Toscana: San Vincenzo); Blüthgen, 1951:233 (first record from Germany: Machnow near Berlin); Hertzog, 1954:101 (France: Bouches-du-Rhône: Camargue); Mingo Pérez, 1965:168 (in revision of Spanish *Psenini*), 1968:83 (locality records from Spain and Portugal), 86 (in checklist of Iberian *Psenini*); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Pagliano, 1980:130 (Italy: Abruzzo); Gayubo, 1981a:142 (northern Spain: Sierra de Béjar), 1984a:166 (Spain: Salamanca Province); Mingo and Gayubo, 1984:101 (Spain); Schmidt, 1984:240 (Germany: Baden-Württemberg); Budrys, 1985:72 (in key to *Mimesa* of USSR); Gayubo, 1986c:30 (Spain: Zamora); Gayubo and Heras, 1986:34 (Spain: Segovia Province; floral records); Pagliano, 1990:111 (in catalog of Italian Sphecidae); Dollfuss, 1989:10 (holotype in NHMW); Schwammerberger and Priesner, 1990:533 (Austria: Kärnten); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Gayubo, Borsato, and Osella, 1991:397 (Italy: Puglia); Gayubo and Torres, 1991:Table I (Spain: Salamanca; effects of urban pressure); Negrisolo, 1991:316 (Italy: Venezia Province); Mochi and Luchetti, 1993:106 (Italy: Calabria: San Giorgio in Morgeto); Torregrosa, Gayubo, Tormos, and Asís, 1993:11 (Spain: Alicante Province); Negrisolo, 1995a:23 (Italy: Veneto); Negrisolo *in* Minelli, Ruffo, and La Posta, 1995b:10 (in catalog of Italian fauna); Schmid and Schmid-Egger, 1997:18 (not occurring in Germany); Shkuratov, 1998:97 (Russia: Rostov Oblast'); Gonzáles, Gayubo, and Torres, 1999:354 (Spain: Valladolid: Viana de Cega); Zehnder and Zettel, 1999:131 (Switzerland: recolonization of flooded area in Valais Canton, as *grandi*); Gayubo, González, and Torres, 2000:184 (Spain: Salamanca Province); Kazenas, 2000e:25 (in Sphecid Fauna of Kazakhstan); Vicidomini, 2000b:25 (Italy: previously recorded from Campania); Dollfuss and Bitsch *in* Bitsch et al., 2001:24 (in Sphecid Fauna of Western Europe); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 116 (review of known biology); Ohl et al., 2001:142 (recorded from Germany but not occurring there); Shkuratov, 2002b:142 (Russia: Rostov Oblast': Rostovskiy Nature Reserve at 46°27'N 42°41'E); Pagliano, 2003b:128 (Italy: Island of Pantelleria); Schmid-Egger, 2003:754 (Italy: Sicilia: Castelammare, Ragusa); Dollfuss, 2004a:108 (Bosnia, Bulgaria, Italy, Macedonia, Morocco, Slovakia, Turkey); Shkuratov, 2004a:79 (Russia: Rostov Oblast'), 2004b:167 (Russia: Rostov Oblast': Gosudarstvennyi Muzei-Zapovednik M.A. Sholokhova); Ebrahimi, 2005:132 (in key to selected Iranian Sphecidae); Gayubo and Özbek, 2005:35 (Turkey: Erzurum: Pazaryolu); Pagliano and Negrisolo, 2005:428 (in Sphecid Fauna of Italy); Magdalou, 2006a:6, 9 (France: Pyrénées-Orientales: Réserve Naturelle de la Massane), 2006b:109 (France: Pyrénées-Orientales: Mas Larrieu Nature Reserve near Argelès-sur-Mer); Standfuss and Standfuss, 2006c:303 (Greece: Thessalia: Magnisia Peninsula at 39°N 23°E); Bitsch, Dollfuss, Bouček, Schmidt, Schmid-Egger, Gayubo, Antropov, and Barbier, 2007:453 (recorded from Italy: island of Pantelleria, by Pagliano, 2003, as *grandii grandii*); Jacobs, 2007:48, 50 (in key to Crabronidae of Germany, not yet found in Germany); Gayubo, González, Tormos, and Asís, 2008:140 (Spain: Salamanca: Parque Natural de Las Batuecas – Sierra de Francia); Ljubomirov and Yildirim, 2008:164 (in catalog of Crabronidae of Turkey); L. Ma, Q. Li, and X. Chen, 2008:20, 22 (in key to *Mimesa* of China), 28 (first record from China: Beijing: Gongzhufen at 39°55'N 116°25'E); Baños-Picón, Asís, Gayubo, and Tormos, 2009:313 (Spain: frequency of specimens collected with hand nets and Malaise traps); Gayubo, González, Tormos, and Asís, 2009:362 (Spain: Valladolid: Reserva Natural Riberas de Castronuño – Vega del Duero); González, Gayubo, Asís, and Tormos, 2009:622 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park); Burguet *in* Durand and Burguet, 2010:42 (France Département d'Ardèche: Ardèche Gorges); Shorenko and Konovalov, 2010:25 (Ukraine: Ivano-Frankivsk Oblast': Karpatskiy Nature Reserve); van der Smissen, 2010b:385 (France: Gard: Collias); Cruz-Sánchez, Asís, Gayubo, Tormos, and González, 2011:497 (Spain: Salamanca and Zamora provinces: Arribes del Duero Natural Park: effects of wildfire); Hellrigl, 2012:129 (Italy: Provincia Autonoma di Bolzano-Alto Adige, as Südtirol: Vinschgau, Saint Martin im Kofel); Yildirim, 2012:79 (Turkey: Erzurum: university campus); Bayındır, Gürbüz, Ljubomirov, and Pohl, 2013:146 (Turkey: Isparta: Kasnak Oak Forest Nature Reserve); Boillat, 2012:228 (Switzerland: in checklist of insects of Canton de Genève); Strumia,

- Pagliano, and Gayubo, 2012:56 (Italy: Toscana: Riserva di San Rossore); Vieira, Oliveira, Brewster, and Gayubo, 2013:19 (Portugal: Douro International Natural Park); Ebrahimi, 2014:44 (Iran: Alborz: Karaj: Eshtehârd: Halghedar, and Malârd: Khoshnâm); Schmid-Egger, 2014:580, 581 (in key to *Mimesa* of North Africa and Arabian Peninsula), 581 (new records from Morocco: Sidi Rabat south of Agadir, 40 km northwest of Zagora); Yıldırım, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); Rezaei and Fallahzadeh, 2015:12 (Iran: Fars: Dasht e Arzhan at 29°38'N 51°58'E); P. Rosa and Pagliano, 2015:103 (Italy: Lombardia and Piemonte: Parco del Ticino); Yıldırım, Ljubomirov, Özbek, and Yüksel, 2016:28 (Turkey: Bayburt and Erzurum provinces); Jahantigh, Rakhshani; Mokhtari, and Ramroodi, 2017:75 (Iran: known from Alborz, Fars, and Tehran provinces); Magdalou, 2017:15 (France: Pyrénées-Orientales: Réserves Naturelles Catalanes: Forêt de la Massane, Mas Larrieu); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Mokrousov, Shorenko, and Shlyakhtenok, 2019:14 (Russia: first record from Dagestan Republic: two localities); Turrisi, Altadonna, Lo Cascio, Nobile, and Selis, 2020:731 (Italy: Aeolian Archipelago: island of Lipari); Cross, Baldock, and Wood, 2021:62 (in catalog of Sphecidae *sensu lato* of Portugal); Kaplan and Yildirim, 2021:88 (in catalog of Crabronidae of Turkey); Dollfuss, K. Schmidt, and Bitsch *in* Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:158 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey).
- **As *Psen grandii***: de Beaumont, 1937:59 (new generic assignment, in revision of Palearctic *Psenini*, description of ♂); Gussakovskij, 1937:679 (in revision of Palearctic *Psen*, description of ♂, in subgenus *Aporina*); Giordani Soika, 1939b:73 (Italy: Lido di Venezia); Giner Marí, 1945b:359 (e. Morocco: Ain Zorah; as *grandi*); Zavadil *in* Zavadil and Šnoflák, 1948:143, 145 (in key to Sphecidae of Czechoslovakia, not yet found in Czechoslovakia); de Andrade, 1949:4 (Portugal: Porto de Rei, Massorra); de Beaumont, 1950f:410 (Algeria), 1954e:93 (Italy); Grandi, 1954:180 (nest and prey), 241 (Italy); Bajári, 1957a:73, 76 (in key to Hungarian Sphecidae, not yet found in Hungary); de Beaumont, 1957a:150 (Morocco: Tiznit); Nouvel and Ribaut, 1958:14 (France: Pyrénées-Orientales: Banyuls-sur-Mer); Puławski, 1958a:186 (Bulgaria: Aitos, Sandanski); Diniz, 1959:26 (Portugal: Lisboa: Massorra, Porto de Rei); Wolf, 1959b:26 (known from Germany, but not from Nassau); de Beaumont, 1960a:21 (Greece: Island of Rhodes); Balthasar and Hrubant, 1961:14 (in key to male *Mimesa* of Czechoslovakia); Grandi, 1961:215 (nesting habits); de Beaumont, 1962b:27 (first record from Spain); Grandi, 1962:96 (Italy); Ceballos, 1964:86 (in supplement to catalog of Spanish Sphecidae); de Beaumont, 1964c:92 (in Sphecid Fauna of Switzerland), 1965a:56 (Greece); Oehlke, 1965:345 (in revision of European *Mimesa*); Bonelli, 1966c:219 (Italy: Trentino – Alto Adige: Piazzöl); de Beaumont, 1969:92 (Turkey); Suárez, 1969:33 (Spain: Almería Province); Balthasar, 1972:238 (in Sphecid Fauna of Czechoslovakia: may be expected in the country); Simon Thomas, 1972:184 (France: Gironde, Landes, Lot-et-Garonne); Erlandsson, 1974:77 (Italy); Leclercq, 1974b:196 (France, Morocco, and Cyprus: locality records); nec Simon Thomas, 1974:57 (= *Mimesa lutaria*); Simon Thomas, 1976:6 (France: Lot-et-Garonne: Forêt de Campet); Pulawski, 1978:236, 238 (in key to Sphecidae of European part of USSR); Delarze, 1992:68 (Switzerland: Valais: Les Follatères); Vershinina, Mokin, Reshchikov, and Rudoiskatel', 2006:111 (Russia: Pskov Oblast': Selezhskiy National Park).
- Psen carinatus* Gussakovskij, 1937:667, ♀. Syntypes: Turkmenistan: Kopet-Dagh Mountains: Hairabad and Firuza; and Iran: Shirman near Teheran (ZIN). Synonymized with *Psen grandii* by de Beaumont, 1941a:329. – van Lith, 1965:69 (in list of *Mimesa* treated by Gussakovskij, 1937); Kazenas, 1978b:151 (in key to Sphecidae of Kazakhstan and Central Asia).
- As *Mimesa bicolor*: Costa, 1871:105 (Italy), corrected to *Psen grandii* by de Beaumont, 1937:59; Giordani Soika, 1932a:22 (Italy: Lido di Venezia), corrected to *Psen grandii* by Giordani Soika, 1939b:73.
- Psen sciaphilus* Arcidiacono, 1965:343, ♀ (as *sciaphila* incorrect original termination). Syntypes: Italy: Sicilia: Santa Agata de Militello near Cefalù (Univ. Catania). Synonymized with *Mimesa grandii* by Dollfuss and Bitsch *in* Bitsch et al., 2001:24. – **As *Mimesa sciaphila***: R. Bohart *in* Bohart and Menke, 1976:162 (new generic assignment, new status, in checklist of world Sphecidae); Pagliano, 1990:111 (in catalog of Italian Sphecidae). – **As *Mimesa***

grandii sciaphila: Negrisolo in Minelli, Ruffo, and La Posta, 1995b:10 (new status, in catalog of Italian fauna); Pagliano and Negrisolo, 2005:429 (in Sphecidae Fauna of Italy).

30. *granulosa* (W. Fox)

Psen granulatus W. Fox, 1898:15, ♂. Lectotype: ♂, USA: Montana: no specific locality (ANSP), designated by Cresson, 1928:50. – Malloch, 1933:33 (in revision of North American Psenini); Strickland, 1947:127 (Canada: Alberta: Edmonton, Medicine Hat). – **As *Mimesa granulosa***: Ashmead, 1899d:224 (new generic assignment, in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American Psenini); H. Smith, 1908b:389 (in revision of Nebraskan Sphecidae); Mickel, 1918b:360 (in catalog of Nebraskan Sphecidae); Krombein in Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera, as new generic assignment); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:45 (in revision of North American *Mimesa*); Buck and Bennett, 2025:222 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta, Saskatchewan: no specific locality).

31. *gussakovskiji* (de Beaumont)

As *Psen costae*: Gussakovskij, 1937:691 (redescription; Italy; Hungary; Kazakhstan: Ber-Chogur; Russia: Sarepta, now Krasnoarmeysk, Saratov), corrected to *Psen gussakovskiji* by de Beaumont, 1941a:329.

Psen gussakovskiji de Beaumont, 1941:329. Substitute name for *Psen costae* of Gussakovskij, 1937. – Pulawski, 1978:237 (in key to Sphecidae of European part of USSR). – **As *Mimesa gussakovskiji***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Budrys, 1985:73 (in key to *Mimesa* of USSR); Kazenas, 2000e:26 (in Sphecidae Fauna of Kazakhstan), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:41 (geographic distribution, collecting localities in Kazakhstan); Dollfuss, 2004a:108 (Kazakhstan: Botku salt lake, 25 km W Ipomisettl, 12 km S Urda); Shorenko and Konovalov, 2010:25 (Ukraine: Khar'kov Oblast: Sakhnovshinsk District: no specific locality); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia).

32. *hissarica* (Gussakovskij)

Psen hissarius Gussakovskij, 1935:416, ♂. Lectotype: ♂, Tajikistan: Zevar in Hissar Mountains, Surkhan-Darya district (ZIN), designated by Budrys, 1985:64. – Gussakovskij, 1937:675 (in revision of Palearctic *Psen*, in subgenus *Aporina*); van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Kazenas, 1978b:151 (in key to Sphecidae of Kazakhstan and Central Asia). – **As *Mimesa hissarica***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Budrys, 1985:63 (in revision of *Mimesa* of USSR), 74 (in key to *Mimesa* of USSR); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia); Dollfuss, 2004a:108 (Kyrgyzstan: Kirghiziya Mountains: Kashka-Suu at Ala-Archa River); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:419 (Uzbekistan: distribution).

33. *huron* Finnamore

Mimesa huron Finnamore, 1980:296, ♀. Holotype: ♀, Canada: Quebec: Mount St. Hilaire (Lyman Entomol. Mus.). – Finnamore, 1982:44 (in Sphecidae Fauna of Southern Quebec), 1983:62 (in revision of North American *Mimesa*); Sugar *et al.*, 1998:15 (Canada: southern Ontario); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Buck and Bennett, 2025:222 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: New Brunswick, Nova Scotia, Ontario, Quebec, Saskatchewan, first record from Manitoba: no specific locality).

34. infossa L. Ma, Q. Li, and X. Chen

Mimesa infossa L. Ma, Q. Li, and X. Chen, 2008:22, ♂. Holotype: ♂, China: Tibet: Mangkang: Rongxi at 29°36'N 98°30'E (ZIB). – L. Ma, Q. Li, and X. Chen, 2008:21 (in key to *Mimesa* of China).

35. ipai Finnamore

Mimesa ipai Finnamore, 1983:79, ♀, ♂. Holotype: ♂, USA: California: Modoc County: Cedarville (UCD). – Buck and Bennett, 2025:222 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: first record from Canada: British Columbia: no specific locality)

36. jacobsoni (Gussakovskij)

Psen jacobsoni Gussakovskij, 1937:683, ♂. Holotype: ♂, Tajikistan: Gunt River in Pamir Mountains (ZIN). – van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Kazenas, 1978b:152 (in key to Sphecidae of Kazakhstan and Central Asia). – **As *Mimesa jacobsoni***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Budrys, 1985:74 (in key to *Mimesa* of USSR); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:41 (geographic distribution, collecting localities in Kazakhstan); Dollfuss, 2004a:106 (Kazakhstan: 20 km southeast of Aksay); Nazarova, 2004:105 (Tajikistan: Badakhshan Region: Shakh dara River valley); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:75 (Iran: known from West Azerbaijan Province).

ssp. transiliensis Budrys

Mimesa transiliensis Budrys, 1985:59, ♀, ♂. Holotype: ♀, Kazakhstan: Alma Ata (ZIN). – Budrys, 1985:74-75 (in key to *Mimesa* of USSR); Kazenas, 2000e:40 (in Sphecid Fauna of Kazakhstan), 2001b:20 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:42 (geographic distribution, collecting localities in Kazakhstan), 2008a:99 (Southeastern Kazakhstan: near Alma Ata). – **As *Mimesa jacobsoni transiliensis***: Budrys, 1988:113 (new status, redescription); Dollfuss, 2004a:106 (Kyrgyzstan: 4 km south of Arkut at 41°45'N 71°59'E); nec Yildirim and Ljubomirov, 2007:119 (= *Mimesa crassipes*); Kazenas, 2008a:99 (southeastern Kazakhstan: near Alma Ata); nec Ljubomirov and Yildirim, 2008:164 (= *Mimesa crassipes*); Sakenin, Samin, and Bagriacik, 2010:16 (Iran: West Azerbaijan: Salmas); nec Yildirim, Ljubomirov, and Lelej, 2014:9 (= *Mimesa crassipes*).

37. jicarilla Finnamore

Mimesa jicarilla Finnamore, 1983:64, ♂. Holotype: ♂, USA: Colorado: Alamosa County: Great Sand Dunes (MCZ).

38. kaszabi (Tsuneki)

Psen kaszabi Tsuneki, 1972a:181, ♂. Holotype: ♂, Mongolia: Bayanhongor Aymag: Tsagan Bogd ul (TMB). – **As *Mimesa kaszabi***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Budrys, 1988:114 (China: Gashun Gobi: Bugas, 30 km S Khami); L. Ma, Q. Li, and X. Chen, 2008:21, 22 (in key to *Mimesa* of China), 26 (description of ♀, China: Xinjiang: Wulumuqi at 43°46'N 87°40'E).

39. kazenasi Budrys

Mimesa kazenasi Budrys, 1985:66, ♂. Holotype: ♂, Uzbekistan: 20 km S Kagan (ZIN). – Budrys, 1985:71 (in key to *Mimesa* of USSR); Kazenas, 1995a:27 (first record from Kazakhstan, description of ♀), 2000e:29 (in Sphecid Fauna of Kazakhstan), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:419 (Uzbekistan: distribution).

40. kasparyani Budrys

Mimesa kasparyani Budrys, 1985:68, ♂. Holotype: ♂, Turkmenistan: Murgab River near village Krasnoye Znamya (ZIN). – Budrys, 1985:72 (in key to *Mimesa* of USSR); Kazenas, 2000e:28 (in Sphecid Fauna of Kazakhstan).

41. klamath Finnamore

Mimesa klamath Finnamore, 1983:88, ♂. Holotype: ♂, Oregon: Klamath County: Gearhart Mountain (UCD).

42. kurzenkoi Budrys

Mimesa kurzenkoi Budrys, 1988:111, ♂. Holotype: ♂, Russia: Primorskiy Krai: Yakovlevka area (ZIN). – Budrys in Nemkov, Kazenas, Budrys, et Antropov, 1995:390 (in key to Sphecidae of Russian Far East); Nemkov, 2007b:67 (Russia: Kuril Islands: Island of Kunashir), 2008b:17 (in catalog of Crabronidae of Asiatic Russia), 2009a:64 (is an endemic of Russian Far East), 2009b:53 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia), 2012c:435 (in catalog of Crabronidae of Russian Far East); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia).

43. leleji Budrys

Mimesa leleji Budrys, 1985:64, ♀. Holotype: ♀, Turkmenistan: Badkhyz Nature Reserve (ZIN). – Budrys, 1985:71 (in key to *Mimesa* of USSR); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia).

44. lutaria (Fabricius)

Spheg lutarius Fabricius, 1787:273, sex not stated (as *lutaria*, incorrect original termination). Lectotype: ♀, Germany: Kiliae, now Kiel (ZMUC), designated by van der Vecht, 1961a:27. – de Villers, 1789:224 (redescription); Gmelin, 1790:2724 (redescription); Fabricius, 1793:199 (redescription), 1796:155 (in Index to his Entomologia Systematica, 1793); Turton, 1801:484 (redescription); Schrank, 1802:321 (Germany: in revision of insects of Bayern (= Bavaria): near Ingolstadt, as *luturia*). – **As *Pepsis lutaria***: Fabricius, 1804:208 (new generic assignment, redescription). – **As *Psen lutarius***: de Beaumont, 1964c:92 (new generic assignment, in Sphecidae Fauna of Switzerland); van Lith, 1965:69 (in list of *Mimesa* treated by Gussakovskij, 1937); Benno, 1967:38 (in checklist of Sphecidae of Netherlands); Gauss, 1967:555 (Germany: Baden-Württemberg); J. Heinrich, 1967:77 (Germany: Bayern: Unterfranken District); Lefeber, 1969c:234 (Netherlands: St. Pietersberg = Montagne Saint Pierre); Schmidt, 1969:164 (Germany: Rhein-Main area: Darmstadt area, Frankfurt am Main); Oehlke, 1970:731 (Democratic Germany); Dathe, 1971:234 (Germany: Berlin Zoological Garden; phenology), 238 (earlier misidentification corrected); Kazenas, 1971:161 (in Kazakhstan found only in southeastern mountains); Stritt, 1971a:105 (Germany: Baden-Württemberg: Karlsruhe); Haeseler, 1972:156 (Germany: Schleswig-Holstein; anthropogenic habitats); Kofler, 1972:109 (Austria: eastern Tirol); Lomholdt, 1972:122 (Denmark: Island of Læsø); Oehlke, 1972:138 (Germany: Island of Hiddensee); Tsuneki, 1972a:177 (Mongolia); Kofler, 1974:320 (Austria: Carinthia); Leclercq, 1974b:196 (miscellaneous locality records); Simon Thomas, 1975:57 (Netherlands: Limburg: Tienray); Eck, 1976:92 (Democratic Germany); Leclercq, Gaspar, Lajoinie, and Thirion, 1976:178 (Belgium: Chaumont-Gistoux); Wolf, 1976:30 (Germany: Nordrhein-Westfalen: Victoria Mine near Littfeld); Guichard, 1977:252 (Great Britain: Surrey County); Hoop, 1977:73 (Germany: Schleswig-Holstein: Dithmarschen, Ihlkate near Kiel-Russee); Kolesnikov, 1977:319 (Russia: Bryansk Oblast'); Pulawski, 1978:236, 237 (in key to Sphecidae of European part of USSR); Schwammberger, 1978:418 (Germany: Württemberg); Benedek, 1979:232 (Hungary: Bakony Hills); Richards, 1979:399 (British Channel Islands); Schwammberger, 1979:116 (Germany: Nordrhein-Westfalen: Gildehauser Venn Nature Reserve); Dathe, 1980:209 (Russia: northern Caucasus: Teberda); Richards, 1980:63, 64 (in key to Sphecidae of British Isles); Felton, 1981:84 (Great Britain: Kent); Haeseler, 1982a:20 (Germany: Niedersachsen: urban habitats in Oldenburg); Pankevich, Belyavskaya, Molchanova, Shlyakhtenok, and Blinov, 1989:96 (Belorussia: Berezinskiy Nature Reserve); Delarze, 1992:68 (Switzerland: Valais: Les Follatères); Archer, 1994a:73 (Great Britain: Yorkshire), 1995a:23 (Great Britain: Yorkshire: frequency); Archer and Burn, 1995:59 (Great Britain: Yorkshire: Crow Wood near Finningley); Yeo and Corbet, 1995:37 (in field guide to British solitary wasps); Archer, 1996b:37 (Great Britain: Nottinghamshire: Sherwood Forest); Harvey and Plant, 1996:75 (Great Britain: summary of records from Essex county); Archer, 2001d:109 (Great Britain: Lincolnshire Kirkby Moor 7.5 km south of Horncastle), 2002b:121 (Great Britain: Watsonian Yorkshire: distribution map), 2002d:11 (Great Britain: Worcestershire: Hartlebury Common 17 km north of Worcester), 2002e:42 (Great Britain: Watsonian

Yorkshire); Archer and Edwards, 2002:102 (Great Britain: West Sussex: Ambersham and Iping commons). – **As *Mimesa lutaria***: Dahlbom, 1843:4 (new generic assignment, in revision of Sphecidae and Pompilidae), 1845:428 (in key to European *Mimesa*); Eversmann, 1849:362 (Russia: Kazan' and Orenburg); von Kiesenwetter, 1849:87 (Germany: Kingdom of Saxony); Wissmann, 1849:9 (Germany: Kingdom of Hannover: Münden); Tischbein, 1852:140 (Germany: Rheinland-Pfalz: Herrstein); Kawall, 1857:23 (Kurland, now Latvia); Ruthe and Stein, 1857:312 (Germany: Berlin area); A. Costa, 1858:19 (Italy: Campania: Monti Partenii in Benevento Region); Assmuss, 1859:605 (Russia: Moscow Governorate); Brischke, 1862:97 (Germany: Preussen Province, now Poland: Pomorze Region); A. Costa, 1863:65 (Italy: Calabria Ulteriore: no specific locality); Giraud, 1863a:15 (Italy: Piemonte: Suse); Siła-Nowicki, 1864:55 (Ukraine: L'viv), 1865:55 (western Ukraine: Galicia region: no specific locality); Wierzejski, 1868:117 (Ukraine: L'viv, Podole Region: Janów, Bukowina Region: Kalinowce); Palma, 1869:38 (Italy: Sicilia settentrionale); Brischke, 1888b:94 (Germany: Preussen Province, now Poland: Pomorze Region); Assmuss, 1892:52 (Russia: earlier record from Moscow Governorate repeated); Mingo Pérez, 1965:168 (in revision of Spanish *Psenini*); Mingo Pérez, 1968:84 (locality records from Spain and Portugal). 86 (in checklist of Iberian *Psenini*); Lomholdt, 1975c:147 (in Sphecidae Fauna of Fennoscandia and Denmark); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Schmidt, 1977:96 (Germany: Baden-Württemberg: Enzklösterle in Schwarzwald); Marchal and Leclercq, 1979:9 (Belgium: Gembloux); Casolari and Casolari Moreno, 1980:122 (specimens in M. Spinola collection); Kazenas, 1980e:88 (Russia: Kuril Islands: Island of Kunashir); Dollfuss and Ressler, 1981:315,321 (Austria: Niederösterreich: Scheibbs District); Axelsson, 1982:79 (Sweden); Gayubo, 1982f:247 (Spain: Cádiz Province: Villamartín); Dollfuss, 1983b:4 (in catalog of Sphecidae of Austria); Finnamore, 1983:24 (in revision of North American *Mimesa*); Kurczewski and O'Brien, 1983:167-169 (nesting habits); Riemann, 1983:82 (Germany: Bremen-Daverden area); Haack, Tschardtke, and Vidal, 1984:129 (Germany: Hamburg area); Mingo and Gayubo, 1984:101 (Spain); Schmidt, 1984:240 (Germany: Baden-Württemberg); Budrys, 1985:75 (in key to *Mimesa* of USSR); Islamov, 1985:530 (Uzbekistan: Tashkent Oblast'); Lefeber, 1985:87 (Netherlands: southern Limburg); Nemkov, 1986:93 (Russia: Siberia: Irkutsk Oblast'); Nilsson, 1986:87 (Sweden); Skibińska, 1986b:157 (Poland: Warszawa area: rural and suburban parks), 162 (urban parks), 164 (streetside green), 173 (various green urban habitats); Vikberg, 1986b:75 (Finland); Holtappels, 1987:26 (Germany: Nordrhein Westfalen: Effelder Waldsee); Riemann, 1987b:39 (Germany: Niedersachsen: Nature Reserve Voßberge); Dollfuss, 1988:9 (Austria: Bisamberg); Riemann, 1988:223 (Germany: Bremen area); Jacobs, 1989:5 (Germany: Mecklenburg-Vorpommern); Barbier, Rasmont, and Wahis, 1990:32 (Belgium: Hainaut); Jacobs and Oehlke, 1990:137 (new records from Democratic Germany); Schwammberger and Priesner, 1990:533 (Austria: Kärnten); von der Heide and Witt, 1990:64 (Germany: Niedersachsen); Day, 1991:xvi (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Jakubzik, 1991:74 (Germany: Köln); Kowalczyk, 1991a:104 (Poland: Łódź), 1991b:119 (Poland: Augustów Forest); Nilsson, 1992:54 (Sweden); K. Weber, 1992:87 (Germany: Bayern: Bamberg District); Józán, 1993:412 (Hungary: Bükk National Park); Kuhlmann, 1993:75 (Germany: known from Westfalen); Luig, 1993:41 (Estonia); Kowalczyk, 1994:73 (Poland: Łagiewniki forest in Łódź); Theunert, 1994c:43 (Germany: summary of records from Niedersachsen and Bremen); Jansen and Kaluza, 1995:7 (Germany: endangered in Sachsen); Negrisola *in* Minelli, Ruffo, and La Posta, 1995b:10 (in catalog of Italian fauna); Schmid-Egger, 1995:61 (Germany: NW Baden-Württemberg); Schmid-Egger, Risch, and Niehuis, 1995:195 (summary of records from Germany: Rheinland-Pfalz Province); Archer, 1996b:121 (Great Britain: Yorkshire); Arens, 1996:440 (Germany: Bayern: Bayreuth area); Fowles, 1996:35 (Great Britain: in checklist of aculeates of Wales); Gusenleitner, 1996a:6 (Austria: Steiermark); Jakubzik, 1996:253 (Germany: Köln); Jakubzik and Cölln, 1996b:400 (Germany: Rheinland-Pfalz); Saure, 1996:502 (Germany: Berlin-Pankow: sewage irrigation field); Schmid-Egger, Schmidt, and Doczkal, 1996:377 (Germany: Baden-Württemberg: endangered); Tischendorf, 1996:46 (Germany: Hessen: near Bensheim); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Witt, 1996:106 (Germany: Brandenburg), 109 (locality records); Woydak, 1996:14 (Germany: Westfalen: summary of distribution and nesting habits); Celary, 1997:57 (in checklist of

Animals of Poland); Finnamore, 1997:885 (Canada: Yukon); Schmidt and Schmid-Egger, 1997:18 (in checklist of German Sphecidae); Shlyakhtenok, Blinov, and Belyavskaya, 1997:152 (Belorussia: Pripyatskiy National Park); Blösch, 1998:167 (Germany: Bayern: Tennenloher Forst Nature Reserve near Erlangen); F. Burger, Saure, and Oehlke, 1998:28 (Germany: in list of Sphecidae of Brandenburg); Drewes, 1998:49 (Germany: Niedersachsen: Goldbeck 26 km west-southwest of Hamburg); Gorobchishin, 1998a:48 (Ukraine: Kiev and surroundings); Haeseler and Ritzau, 1998:51 (Germany: Bremen: Steller Heide); Jakubzik, Schlüter, and Cölln, 1998:1182, 1184 (Germany: Rheinland-Pfalz); Lefeber, 1998:182 (Netherlands: Limburg: Sint-Pietersberg near Maastricht at 50°50'N 5°41'E); van der Smissen, 1998:62 (Germany: Schleswig-Holstein); K. Weber, 1998:143 (Germany: Bayern: Bamberg area); Anan'eva and Kochetkov, 1999:7 (Russia: Ryazan Oblast': no specific locality, as *lutarius*); Erhardt, 1999:75 (Germany: Niedersachsen: Ammerland area); Herrmann, 1999:7 (Germany: Niedersachsen: Oldenburg area; habitats size); Kuhlmann, Wolf, and Woydak, 1999:569 (Germany: strongly endangered in Nordrhein-Westfalen); Ljubomirov, 1999b:45 (Bulgaria: Mount Vitosha near Sofia); Neumayer, Schwarz, and Bregant, 1999:224 (Austria: in checklist of Sphecidae of Land Kärnten); Pauly, 1999:108 (in catalog of Belgian aculeates); Riemann, 1999:835 (Germany: Niedersachsen: sand pits near Bremen); M. Schwarz, 1999:84 (Austria: Oberösterreich: city of Linz area); Sörensen, Mauss, and Schindler, 1999:503 (Germany: Schleswig-Holstein); Blösch, 2000:146 (in Sphecid Fauna of Germany); Dressler, 2000:33 (Germany: Hessen: Darmstadt area); Esenbekova and Kazenas, 2000:15 (southeast Kazakhstan: 20 km W Alma Ata, 45 km southwest of Chundzha); Gusenleitner, 2000:955 (Austria: first record from Burgenland Province); Jacobs, 2000:8 (Germany: Land Mecklenburg-Vorpommern; not endangered); Józán, 2000:105 (Hungary: Bakony Mountains); Kazenas, 2000e:31 (in Sphecid Fauna of Kazakhstan); Mokrousov, 2000b:30 (Russia: Nizhniy Novgorod Oblast'); Vicidomini, 2000b:25 (Italy: previously recorded from Campania); Cungs and Jakubzik, 2001:122, 123, 125 (first record from Luxembourg); Dollfuss and Bitsch *in* Bitsch et al., 2001:25 (in Sphecid Fauna of Western Europe); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 116 (review of known biology); Kazenas and Esenbekova, 2001:133 (Kazakhstan: Almatinskiy Nature Reserve); Ohl et al., 2001:140 (distribution in Germany by provinces); van der Smissen, 2001:61 (Germany: Schleswig-Holstein); Beavis, 2002:110 (Great Britain: Kent: Tunbridge Wells area); Herrmann and Zinnert, 2002:25 (Germany: Baden-Württemberg: Bettenberg near Konstanz); Kazenas, 2002a:41 (geographic distribution, collecting localities in Kazakhstan); Shlyakhtenok and Skibinska, 2002:32 (Belorussia: no specific locality); Söderman and Vikberg, 2002:50 (in list of Aculeata of Finland); Wiśniowski, 2002:68 (Poland: Ojców National Park); Archer, 2003a:58 (Great Britain: Watsonian Yorkshire); Cölln, Esser, and Jakubzik, 2003:62 (Germany: northwestern Rheinland-Pfalz: excavation sites and quarries); Drewes, 2003:139 (Germany: Hessen: Gießen); Esser and Jakubzik, 2003:291 (Germany: Nordrhein-Westfalen: Niederrheinisches Tiefland); Feitz, Schneider, and Pauly, 2003:85 (Luxemburg: Remerschen); Mandery, Kraus, Voith, Wickl, Scheuchl, Schubert, and Warncke, 2003:67 (Germany: in catalog of wasps and bees of Bayern); Tischendorf and Treiber, 2003:121 (Germany: Hessen: 15 km SW Frankfurt am Main: nesting under high power lines); von der Heide and Metscher, 2003:102 (Germany: Niedersachsen: Emsland area); Wiśniowski *in* Dylewska and Wiśniowski, 2003:132 (Poland: Ojców National Park); Archer, 2004:47 (Great Britain: Worcestershire: Devils Spittleful Nature Reserve); Bergsten, Nilsson, and Hellquist, 2004:7 (Sweden: Västerbotten: Nordmaling); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Budrys, 2004:51 (Lithuania: Taur: Viešvilė State Strict Nature Reserve at 55°10'N 22°29'E); Dollfuss, 2004a:108 (Kazakhstan, Kyrgyzstan, Turkey); Esser, Jakubzik, Sonnenburg, and Woydak, 2004:262 (Germany: in checklist of Sphecidae of Nordrhein-Westfalen); Kazenas, 2004b:100 (Kazakhstan: western Tien Shan); Klein and Lefeber *in* Peeters, van Achterberg, et al., 2004:395 (in Wasp and Ant Fauna of Netherlands); Raemakers, van den Eijnde, and Kleukers, 2004:292 (Netherlands: Tungelerwalle near Weert); Skibińska *in* Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:356 (in catalog of Polish Crabronidae); Stolle et al., 2004:372 (Germany: Sachsen-Anhalt: in red list of Sphecidae); van Achterberg and Peeters, 2004:32 (in checklist of Sphecidae of Netherlands); Wiśniowski, 2004:39 and 58 (in checklist of Polish Sphecidae); Archer, 2005c:56 (Great Britain: Suffolk County); Burger, 2005:33 (Germany: Thüringen); Edwards and Broad, 2005:54 (Great Britain: distribution, status, habitat, flight

period, prey, nesting habits, flower visiting, parasites, and distribution map); Fuhrmann, 2005:89 (Germany: Nordrhein-Westfalen: Grubengelände Littfeld Nature Reserve); Haeseler, 2005:629 (Germany: Niedersachsen: Steller Heide near Bremen); Hallin, 2005:16 (Sweden: Örebro County: Hällefors); Kofler, 2005:166 (Austria: Tirol: Lienz District: several localities); Kraatz, 2005:103 (Germany: Niedersachsen: Bümmerstede near Oldenburg); Mandery, 2005:174 (Germany: Bayern: Hainberg Nature Reserve near Nürnberg); Mokrousov and Selivanova, 2005:754 (Russia: Voronezh Oblast'); Nemkov, 2005a:142 (Russia: Island of Sakhalin); Pagliano and Negrisol, 2005:430 (in Sphecidae Fauna of Italy); Riemann and Hohmann, 2005:560 (Germany: Niedersachsen: city of Bremen and adjacent area); Saure, 2005:16 (Germany: Berlin); Theunert, 2005a:17 (Germany: in checklist of Sphecidae of Niedersachsen and Bremen); Venne and Bleidorn, 2005:43 (Germany: Nordrhein-Westfalen: Moosheide Nature Reserve); Archer, 2006c:217 (Great Britain: Staffordshire: Highgate Common); Dathe, 2006:37 (Germany: *Sphex lutaria* recorded from Plauenscher Grund near Dresden by von Block, 1799, is now *Mimesa lutaria*); Feitz, Gloden, Melchior, and Schneider, 2006:82 (Luxemburg: Baggerweieren area in Haff Réimech Nature Reserve); Hua, 2006:281 (in list of Chinese insects, geographic distribution); Peeters, Krekels, and Megens, 2006:22 (Netherlands: Reichswald forest near Nijmegen); Shlyakhtenok, 2006:110 (Belorussia: Polesye Radiological Nature Reserve); Vepřek, 2006:510 (Czech Republic: Kokořinsko area); Archer, 2007a:151 (Great Britain: Norfolk: Thetford Warren Lodge); Beavis, 2007:95 (Great Britain: Tunbridge Wells and Central High Weald); Bitsch, Dollfuss, Bouček, Schmidt, Schmid-Egger, Gayubo, Antropov, and Barbier, 2007:453 (recorded from Luxemburg by Cungs and Jakubzik, 2001, and Feitz et al, 2003); Guldemond, Pijfers, and den Belder, 2007:203 (Netherlands: Gelderland: dairy farm in de Graafschap); Hallin, 2007b:24 (Sweden: Blekinge County); Jacobs, 2007:49, 51 (in key to Crabronidae of Germany); Jansen and Kaluza, 2007:24 (Germany: northwestern Sachsen); Nemkov, 2007b:67 (Russia: Kuril Islands: Island of Kunashir); Saure, 2007:82 (Germany: in checklist of Aculeata of Land Brandenburg); Shlyakhtenok, 2007a:299 (Belorussia: Berezinsky Nature Reserve); Vago, 2007:174 (France: départements du Nord, Pas-de-Calais, and Somme); Vago, 2007:174 (France: département du Nord); Venne, Bleidorn, and Lauterbach, 2007:302 (Germany: Nordrhein-Westfalen: Bielefeld); Vepřek and Straka, 2007:199 (in catalog of Sphecidae of Czech Republic and Slovakia); Winkler, 2007:30 (Germany: Niedersachsen: eastern Friesland); Danilov, 2008:351 (Russia: Altayskiy Kray: Barnaul area); Ljubomirov and Yildirim, 2008:165 (in catalog of Crabronidae of Turkey); L. Ma, Q. Li, and X. Chen, 2008:20, 21 (in key to *Mimesa* of China); Nemkov, 2008b:17 (in catalog of Crabronidae of Asiatic Russia); Theunert, 2008:49 (Germany: map of distribution in Niedersachsen and Bremen); Debuysse and Vago, 2009:3 (in list of Sphecidae *sensu lato* of northern France); U. Frommer, 2009a:28 (Germany: in checklist of Sphecidae of Hessen); Hessling, 2009:104 (Germany: Niedersachsen: Hunte River valley south of Oldenburg); Nemkov, 2009b:53 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Ødegaard, Sverdrup-Thygeson, Hansen, Hanssen, and Öberg, 2009:71 (Norway: locality records); Pagliano, 2009:186 (Italy: recorded from Piemonte by Giraud, 1863); Ruchin, Antropov, and Shibayev, 2009:169 (Russia: Republic of Mordovia); Archer, 2010a:52 (Great Britain: Watsonian Nottinghamshire: Spalford Warren), 2010b:99 (Great Britain: Watsonian Staffordshire: Cannock Chase Country Park); Ermilov and Mokrousov: 2010:91 (phoretic mite *Imparipes haeseleri* in Middle Volga Region of Russia); Esser, Fuhrmann, and Venne, 2010:37 (Germany: in checklist of aculeates of Nordrhein-Westfalen); Falk, 2010:93 (Great Britain: heathland sites in West Midlands region); Hable, Krauss, von der Dunk, and Wickl, 2010:27 (Germany: Bayern: Sulz- and Ottmaringer Tal); Johansson, 2010:121 (Sweden: Småland: upper Emå river valley); J. Kim and Yang, 2010:144 (in checklist of Korean Pemphredoninae, as *lutarius*); Mokrousov, 2010a:63 (Russia: Kostroma, Nizhniy Novgorod, and Yaroslavl' Oblast's: no specific localities); Rudoiskatel', 2010:153 (Russia: southern Ural Mountains); Saure, 2010a:87 (Germany: Berlin-Reinickendorf: Baumberge); Schmid-Egger, 2010a:16 (in red list of Aculeata of Germany: relatively common); Schmidt, 2010:136 (Germany: Bayern: collected along Main-Donau canal); Shorenko and Kononov, 2010:25 (Ukraine: Zaporozhskaya Oblast': village Kamenka-Dneprovskaya); van der Smissen, 2010a:344 (Germany: Schleswig-Holstein: locality records), 2010b:385 (France: Ardèche: Valvignères, Les Reynauds), 2010c:396 (Sweden: Öland: Byrums Sandvik; Södermanland: Jordbro); Wurdack and Gack, 2010:153

(Germany: Baden-Württemberg: Kaiserstuhl); Archer, 2011d:187 (Great Britain: Watsonian Yorkshire: Hatfield Moor); Burger, 2011a:287 (Germany: in red list of Sphecidae *sensu lato* of Thüringen); Gogala, 2011:9 (Slovenia); Józán, 2011:179 (in checklist of Sphecidae *sensu lato* of Hungary); Saure, 2011c:198 (Germany: Berlin-Spandau: Fort Hahneberg); Saure, Bohrer, Venne, and Diestelhorst, 2011:218 (Germany: Rheinland-Westfalen: strongly endangered in Weserbergland Nature Reserve); Theunert, 2011a:20 (Germany: in checklist of aculeates of Niedersachsen including city of Bremen); Tischendorf, Frommer, Flügel et al., 2011:106 (Germany: Hessen: may be endangered); Archer, 2012a:130 (Great Britain: Watsonian Yorkshire: Allerthorpe Common); Boillat, 2012:228 (Switzerland: in checklist of insects of Canton de Genève); Franzén, Molander, Norén, and Nilsson, 2012:26 (Sweden: Skåne: Kullaberg Peninsula); Gerth, Mayer, Hering, Wolf, Schaffer, and Bleidorn, 2012:9 (Germany: Sachsen: Bienitz in Leipzig); Nemkov, 2012c:435 (in catalog of Crabronidae of Russian Far East); Terayama and Gōkōn, 2012:1, 15 (in key to Psenini of Japan, in Japanese), 28 (in list of Japanese Psenini); Saure, 2012b:229 (Germany: Berlin-Spandau: Spandauer Forst); Shlyakhtenok, 2012a:171 (Belorussia: collected in private plots); Akulov and Proshchalykin, 2013:112 (Russia: Siberia: Krasnoyarsk Krai: Krasnoyarsk); Flügel, 2013a:120 (Germany: Brandenburg: Pimpinellenberg near Oderberg); Johansson, 2013:22 (Sweden: Gotland: island of Stora Karlsö); Kazenas, 2013b:493 (southeast Kazakhstan: 45 km southwest of Chundzha); Ma, X. Li, Chen, and Q. Li, 2013:582 (China: Nei Mongol: Helan Mountains); Pankov, 2013:230 (Russia: Ivanovo Oblast', as *lutarius*); Saure, 2013:20 (Berlin: Treptow-Köpenick: Gosener Wiesen); A. Scholz and Liebig, 2013:22 (Germany: Sachsen: in list of Sphecidae *sensu lato*); Shlyakhtenok, 2013:137 (in annotated catalog of aculeate wasps of Belorussia); Wiśniowski and Szczepko, 2013:38 (Poland: Kampinos National Park near Warszawa); Bitsch, 2014:409 (France: Haut-Rhin: Munster; recorded from France by van der Smissen, 2010b); Hellqvist, Abenius, and Norén, 2014:94 (in catalog of Ampulicidae, Sphecidae, and Crabronidae of Sweden, by provinces); J.-K. Kim, 2014:444 (in catalog of Sphecidae *sensu lato* of Korean Peninsula), 451 (recorded from Korea but not occurring there); Mokrousov and Vafin, 2014:59 (Russia: Republic of Tatarstan); Pagliano, 2014:96 (specimens in M. Spinola collection, Torino, are *Mimesa* sp.); Yıldırım, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); Saure, 2015:14 (Germany: Berlin-Lichterfelde); Bleidorn, Gerth, Hopfe, et al., 2016:10 (Germany: Sachsen: Trages circa 20 km south of Leipzig); Cölln and Jakubzik, 2016:18 (Germany: Rheinland-Pfalz: Vulkaneifel District); Else, Bolton, and Broad, 2016:43 (in checklist of Aculeata of Great Britain and Ireland: England, Wales); Ratzlaff, 2016:27 (Canada: British Columbia: from Finnamore, 1983 and Buck, 2004); U. Sörensen, 2016:427 (Germany: Schleswig-Holstein: der Ochsenweg south of Leck); Stolle and Saure, 2016:923 (Germany: in list of Sphecidae *sensu lato* of Sachsen-Anhalt); Wiśniowski, 2016:129 (Poland: Ojców National Park); Yıldırım, Ljubomirov, Özbek, and Yüksel, 2016:28 (Turkey: Erzurum: Atatürk University campus and Oltu, as *lutaria lutaria*); Jansen, 2017:9 (Germany: Sachsen: Leipzig); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Jacobs and Liebig, 2018:143 (Russia: Irkutsk Oblast': Sarma and Ust'-Ordynski steppe); Carminati, Mora, and Cretin, 2019:25 (France: in list of Sphecidae *sensu lato* of Franche-Comté); Olszewski and Kowalczyk, 2019:103 (northern Poland: Pomorze Gdańskie = Gdańsk Pomerania); Ruchin and Antropov, 2019a:13240 (Russia: Mordovia State Nature Reserve); Kejval, Blažej, and Erhart, 2020:111 (western Czech Republic); Cross, Baldock, and Wood, 2021:62 (in catalog of Sphecidae *sensu lato* of Portugal); Kaplan and Yıldırım, 2021:88 (in catalog of Crabronidae of Turkey); Olszewski, Wiśniowski, and Ljubomirov, 2021:94 (in commented list of Sphecidae *sensu lato* of Poland); Dollfuss, K. Schmidt, and Bitsch in Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:159 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yıldırım, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey); Langfeld, 2023:61 (Germany: Mecklenburg-Vorpommern: Baltic island Greifswalder Oie); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:419 (Uzbekistan: distribution); Buck and Bennett, 2025:222 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Alaska: no specific locality, Canada: Alberta,

British Columbia, Labrador, Manitoba, New Brunswick, Newfoundland Island, Northwest Territories, Nova Scotia, Ontario, Prince Edward Island, Quebec, Saskatchewan, Yukon Territory: no specific locality).

Mimesa shuckardi Wesmael, 1852:278, ♀ (as *Shuckardi*, incorrect original capitalization). Syntypes: ♀, Belgium: Bruxelles area (Bruxelles). Synonymized with *Podalonia affinis* by Dahlbom, 1845:XX, with *Mimesa equestris* (actually *bicolor*) by F. Smith, 1856:430, and with *Psen lutarius* by van der Vecht, 1961a:27. – Thomson, 1870:232 (in revision of Swedish wasps), 1874:181 (in revision of Hymenoptera of Scandinavia); E. Saunders, 1880:262 (in revision of British Aculeata); Siebke, 1880:61 (Norway); Kohl, 1883e:661 (Switzerland); Ed. André, 1888:179 (in revision of Sphecidae of Europe and Algeria, as *schuckardi*); Gasperini, 1889:68 (Dalmatia: Spalato, now Croatia: Split); Tournier, 1889:69 (in key to *Mimesa* of Switzerland), 107 (valid species, redescription); Wüstnei, 1891a:26 (Germany: Schleswig-Holstein: Süderhaff); Kohl, 1893a:40 (Austria: Niederösterreich); Krieger, 1894:17 (Germany: Kingdom of Saxony); E. Saunders, 1896:100 (in revision of British Aculeata); Westerlund, 1896:28 (Finland: no specific locality); Borries, 1897:84 (reference to Shuckard, 1834:57); Dalla Torre, 1897:354 (in catalog of world Hymenoptera); Mocsáry, 1897:78 (Kingdom of Hungary, some localities are in today's Romania); Strand, 1898b:92 (Norway); Friese, 1902:477 (Norway: Saltdalen at 67°N); E. Saunders, 1902b:143 (British Channel Islands: Island of Guernsey); Antiga and Bofill, 1904:6 (Spain: Cataluña Province); Aurivillius, 1904:257 (in revision of Swedish Sphecidae); Arnold, 1905:262 (Great Britain: Hampshire: Brockenhurst); Kubes, 1905:83 (Czech Republic: Kolín, Sušice); Adlerz, 1906:33 (Sweden: nesting habits); Móczár and Henter, 1907:205 (Romania: Caraș-Severin: Mehadia, as *Schuckardi*); de Gaulle, 1908:103 (in catalog of French Hymenoptera); Sparre Schneider, 1909:106 (Norway: Nordlands Province: Saltdalen; as *schuckardi*); Dittrich, 1911b:26 (Germany: Niederschlesien Province, now Poland: Dolny Śląsk Region); Alfken, 1914:284 (northwestern Germany); Birula, 1914:390 (Belorussia: Luskinopol' near Vitebsk, redescription); Bouwman, 1915:7 (Netherlands: Breda, Tilburg, Zuidlaren, preying on cicadellids); Noskiewicz, 1918:137 (Galicia, now western Ukraine: Pasieki, Łyczaków near Lwów); Dubois, 1919:96 (Belgium: Bruxelles: Uccle); Noskiewicz, 1920b:156 (Poland, now Ukraine: forest district Kopanki near Kalusz, as *Schuckardi*); A. Wagner, 1920:36 (Germany: Lower Elbe region); Dubois, 1922:216 (in key to Belgian Sphecidae); Alfken, 1924:231 (northern Germany); Berland, 1925d:135 (in Sphecid Fauna of France); Bischoff, 1925:302 (Latvia: Tauerkalln and Wezkukkul); Coulon, 1925:113 (France: Colmar, Evreux, as *schuckardi*); Bouwman, 1926:280 (in list of Sphecidae of Netherlands), 1928b:54 (in revision of Sphecidae of Netherlands); Crèvecoeur and Maréchal, 1928:172 (Belgium: Boitsfort); Schmiedeknecht, 1930:710 (in keys to Hymenoptera of North and Central Europe); Bischoff, 1931:8 (Spain); Jansson, 1934:291 (Sweden); Pulkkinen, 1931:83 (in revision of Sphecidae of Finland); Forsius *in* Forsius and Hellén, 1935:11 (in checklist of Hymenoptera of Finland); Crèvecoeur and Maréchal, 1936:250 (in catalog of Belgian Hymenoptera); Richards, 1937b:105 (in checklist of British aculeates); Zavadil, Šusterka, and Ba'ta, 1937:220 (in catalog of Sphecidae of Czechoslovakia); Móczár, 1938c:81 (Hungary: Kőszeg Hills); A. Wagner, 1938a:124 (northwestern Germany); Móczár, 1939:5 (Hungary: Jászberény); Balthasar, 1941b:114 (Czech Republic: eastern Moravia); de Graham, 1941:99 (Great Britain: Lincolnshire); Schneid, 1941:1052 (Germany: Bayern: Bamberg area); Alfken, 1942:231 (Germany: Niedersachsen: Lüneburger Heide); J. Perkins, 1942:197 (Sweden: Skåne: Degaberga and Kivik); Balthasar, 1943:42 (Czech Republic: Moravia: Zlin area); Boyd, 1943:163 (England: eastern Dorset; as *schuckardi*); Spooner, 1943:73 (Great Britain); Richards, 1944b:134 (prey: *Oncopsis flavicollis* L.); Guichard and Yarrow, 1948:90 (Great Britain: London: Hampstead Heath); Spooner, 1948:154 (in revision of British Psenini); Chambers, 1949:226 (England: Bedfordshire); Szulczewski, 1950:109 (Poland: Wielkopolski National Park 15 km S Poznań); Ba'ta, 1952:167 (Czech Republic); Teschner, 1955:57 (Germany: Nordrhein-Westfalen: Hohe Ward near Münster); Vogrin, 1955:38 (Yugoslavia); Ceballos, 1956:356 (in catalog of Hymenoptera of Spain); Fahlander, 1957:62 (Sweden: Småland Province; in key to Swedish *Mimesa*); Wolf, 1959b:26 (Germany: Nassau); Richards, 1964:25 (heathlands in southern England); Pawlikowski and Kruszyński, 1996:87 (Poland: Toruń Basin). – **As *Pemphredon schuckardi***: Szilády, 1913:89 (new generic assignment, Hungary: Nagyenyed, Topánfalva). – **As *Psen schuckardi***: Morley, 1909:305 (Great Britain: Isle of Wight); de Beaumont, 1937:63 (in revision of Palearctic Psenini);

- Gussakovskij, 1937:668 (in revision of Palearctic *Psen*, in subgenus *Aporina*); Merisuo, 1938:251 (in key to Pseninae of Finland); Redikortsev, 1938:144 (Russia: Mordovian State Nature Reserve); Paul, 1941:49 (Germany: Pommern: Stettin area, now Poland: Województwo Zachodniopomorskie: Szczecin area); Carl and de Beaumont, 1947:68 (Switzerland: Graubünden = Grisons Canton: Swiss National Park); Zavadil in Zavadil and Šnoflák, 1948:144 (in key to Sphecidae of Czechoslovakia); van Lith, 1949:148 (distribution in Netherlands); Giner Marí, 1943:51 (in Sphecid Fauna of Spain); Nouvel and Ribaut, 1953:179 (France: Haute-Garonne: Saint-Béat; Hautes-Pyrénées: Orédon); Fahlander, 1954:253 (Sweden: Gästrikland Region); Aerts, 1955:66 (Germany: Rheinland); Bajári, 1957a:74, 76 (in key to Hungarian Sphecidae); Benno, 1958b:17 (in review of Dutch Sphecidae); de Beaumont, 1958c:207 (Swiss National Park); Noskiewicz and Puławski, 1960:53, 55 (in key to Polish Sphecidae); Balthasar and Hrubant, 1961:14 (in key to male *Mimesa* of Czechoslovakia); Valkeila, 1962b:67 (southwestern Finland); Erlandsson, 1963:66 (Denmark: Island of Bornholm); Lehrer and Scutaru, 1963:287 (Romania: Moldova: Fălțiceni in Suceava District); Valkeila, Brander, and Käpylä, 1963:41 (Finland: historical region Lounais-Hämeen = southwest Häme); Plavil'shchikov, 1964:122 (Russia: Mordovian State Nature Reserve); Oehlke, 1965:342 (in revision of European *Mimesa*); Scobiola-Palade, 1966b:392 (Romania: Tulcea District: Tulcea); Niedl and Deneš, 1967:80 (Czech Republic: Třeboň area); Scobiola-Palade, 1967b:45 (Romania), 1968c:385 (Romania: Moara Domneasă); Tumšs, 1970:73 (Latvia); Balthasar, 1972:241 (in Sphecid Fauna of Czechoslovakia); Scobiola-Palade, 1972b:253 (Romania); Skibińska, 1982:118, 122 (Poland: Mazovian Voivodship: Ursynów); Scobiola-Palade, 1987:64 (Romania: Dobrogea); Pádr in Šedivy, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Pádr, 1990:77 (Czech Republic: Praha area). – **As *Psenulus shuckardi***: Schmiedeknecht, 1907:250 (in key to Hymenoptera of Central Europe).
- Mimesa basirufa* Packard, 1867:406, ♀. Holotype or syntypes: ♀, USA: Maine: no specific locality (...). Synonymized with *Mimesa lutaria* by Finnamore, 1983:24. – Cresson, 1887:282 (in catalog of North American Hymenoptera); Dalla Torre, 1897:351 (in catalog of world Hymenoptera); Ashmead, 1899d:224 (in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American Psenini), 1903a:67 (New Mexico: Beulah); Krombein in Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera); Krombein, 1958b:22 (prey), 1961b:64 (nest, prey), 1963f:274 (Maryland: Plummers Island near Washington, D.C.); Kurczewski and Lane, 1975:377 (nesting habits); R. Bohart and Menke, 1976:161 (in checklist of world Sphecidae); Krombein, 1979b:1595 (in catalog of North American Hymenoptera); Finnamore, 1982:40 (in Sphecid Fauna of Southern Quebec); Kurczewski, 1998d:250 (pine barrens in upstate New York). – **As *Psen basirufus***: W. Fox, 1898:17 (new generic assignment, in revision of North American *Psen*, description of ♂); Malloch, 1933:32 (in revision of North American Psenini).
- Mimesa nebrascensis* H. Smith, 1908:390, ♀. Holotype: ♀, USA: Nebraska: Lincoln (Univ. Nebraska). Synonymized with *Psen basirufus* by Malloch, 1933:32 (tentatively) and Finnamore, 1983:24 (definitely). – Mickel, 1918b:360 (in catalog of Nebraskan Sphecidae); Muma, 1952:19 (type in UNL).
- Psen dispar* Gussakovskij, 1937:670, ♀, ♂. Syntypes: China: Manchuria: Langashy; and Russia: Kamchatka: Kamchatka River at Kamenki village (ZIN). Synonymized with *Psen shuckardi* by de Beaumont, 1941a:329 (intermediate between *lutaria* and ssp. *japonica*). – van Lith, 1965:69 (in list of *Mimesa* treated by Gussakovskij, 1937). – **As *Psen lutarius dispar***: van Lith, 1965:72 (new status, East Asia, bibliographic references), 1968:133 (in list of East Asian *Psen* subgenus *Mimesa*).
- Mimesa mallochi* Finnamore, 1980:299, ♀, ♂. Holotype: ♀, Canada: Quebec: Mount St. Hilaire (Lyman Entomol. Mus.). Synonymized with *Mimesa lutaria* by Finnamore, 1983:24. – Finnamore, 1982:47 (in Sphecid Fauna of Southern Quebec).
- As *Mimesa bicolor*: Dathe, 1969:440 (Germany: Berlin Zoological Garden), corrected to *Psen lutarius* by Date, 1971:238.
- As *Psen grandii*: Simon Thomas, 1974:57 (Netherlands: Limburg: Tienray), corrected to *Psen lutarius* in Errata.

ssp. japonica Pérez

Mimesa japonica Pérez, 1905a:150, ♀ (as *Japonica*, incorrect original capitalization). Holotype or syntypes: ♀, Japan: no specific locality but presumably Tokyo area (MNHN). – Pérez, 1905a:25 (in list of material collected). – **As *Psen japonicus***: Gussakovskij, 1934b:82 (new generic assignment, comments on species identity), 1937:693 (original description copied); van Lith, 1965:69 (in list of *Mimesa* treated by Gussakovskij, 1937). – **As *Psen shuckardi japonicus***: de Beaumont, 1937:65 (new status, in revision of Palearctic *Psenini*); Tsuneki, 1954c:52 (Japan: Hokkaido, Honshu, as *japonicus*), 1959g: 48, 51 (in key to *Psen* of Japan and Korea), 53 (Japan; redescription); Tsuneki, Iida, Hirai, and Sabi, 1964:60 (Japan: Aomori Prefecture: Towada); Haneda, 1968a:45 (Japan); Okuno, 1968:32 (Japan); Tano, 1968:33 (Japan); Nambu, 1973a:151 and 1975b:66 (Japan: Saitama Prefecture). – **As *Psen lutarius japonicus***: van Lith, 1968:133 (in list of East Asian *Psen* subgenus *Mimesa*); Haneda, 1969:69 (Japan: Yamanashi Prefecture); Itami, 1969:48 (Japan: Niigata Prefecture); Tano, 1971:81 (Japan: Shikoku: Mount Tsurugi); Suda, 1973:122 (Japan: Yamanashi Prefecture); van Lith, 1965:71 (East Asia, bibliographic references); Tsuneki, 1979d:10 (Japan). – **As *Mimesa lutaria japonica***: Haneda, Nosaka, Tano, Kurokawa, and Murota, 2004:30 (Japan: Gifu Prefecture); Suda, 2004:38 (Japan: Yamanashi Prefecture, as *japonicus*); Haneda, Nozaka, Tano, Kurokawa, and Murota, 2005:43 (Japan: Gifu Prefecture); Negoro, Haneda, and Tano, 2005:44 (Japan: Toyama Prefecture); Haneda, Nozaka, Tano, Kurokawa and Murota, 2006a:18 (Japan: Toyama Prefecture); S. Takahashi and Haneda, 2008b:42 (Japan: Hokkaido: Sapporo).

45. maculipes W. Fox

Mimesa maculipes W. Fox, 1893b:117, ♂. Lectotype: ♂, USA, southern Florida: no specific locality (ANSP), designated by Cresson, 1928:50. – Dalla Torre, 1897:354 (in catalog of world Hymenoptera); Ashmead, 1899d:225 (in checklist of North American Crabronidae); Viereck, 1901b:342 (New Jersey: North Woodbury; in checklist of North American *Psenini*); Krombein in Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1982:46 (in Sphecid Fauna of Southern Quebec), 1983:31 (in revision of North American *Mimesa*); Ahlstrom, 1995:107 (in checklist of insects of North Carolina); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); c. – **As *Psen maculipes***: W. Fox, 1898:17 (new generic assignment, in revision of North American *Psen*); J. Smith, 1910:675 (in new list of insects of New Jersey); Malloch, 1933:43 (in revision of North American *Psenini*); Brimley, 1938:445 (North Carolina: Pincola, Raleigh).

Psen nigrescens Rohwer, 1910b:168, ♂. Holotype: ♂, USA: New Jersey: Clementon (USNM). Synonymized with *Psen maculipes* by Malloch, 1933:43. – J. Smith, 1910:675 (in new list of insects of New Jersey); Rohwer, 1916b:658, 659 (in catalog of Hymenoptera of Connecticut); Rohwer in Viereck, 1925:658 (in key to Sphecidae of Connecticut).

Psen perplexus Rohwer, 1910b:169, ♀ (as *perplexa*, incorrect original termination). Holotype: ♀, USA: New Jersey: Camden County: no specific locality (USNM). Synonymized with *Psen maculipes* by Malloch, 1933:43. – J. Smith, 1910:675 (in new list of insects of New Jersey).

46. mexicana Cameron

Mimesa mexicana Cameron, 1891:134, ♀. Lectotype: ♀, Mexico: Durango: Milpas (BMNH), designated by Finnamore, 1983:91. – Dalla Torre, 1897:354 (in catalog of world Hymenoptera); Ashmead, 1899d:225 (in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American *Psenini*); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Finnamore, 1983:89 (in revision of North American *Mimesa*); Amarante, 2002:54 (in catalog of Neotropical Crabronidae); Ruíz Cancino, Coronado Blanco, Varela Fuente, and Horta Vega, 2002:666 (in checklist of Mexican Sphecidae).

47. miwoka Finnamore

Mimesa miwoka Finnamore, 1983:47, ♂. Holotype: ♂, USA: California: Sacramento (UCD).

48. *mongolica* F. Morawitz

Mimesa mongolica F. Morawitz, 1889a:129, ♀. Holotype or syntypes: ♀, Mongolia: "Jelissyn-Kure" (ZIN). – Dalla Torre, 1897:354 (in catalog of world Hymenoptera); Gussakovskij, 1938:14 (Mongolia); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae). – *As Psen mongolicus*: de Beaumont, 1937:74 (new generic assignment, original description copied); Gussakovskij, 1937:677 (in revision of Palearctic *Psen*; ♀ only, ♂ = *Mimesa vindobonensis*); van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Hua, 2006:282 (in list of Chinese insects, geographic distribution, as *mongolica*).

49. *nasuta* Budrys

Mimesa nasuta Budrys, 1985:67, ♀, ♂. Holotype: ♀, Turkmenistan: Repetek (ZIN). – Budrys, 1985:72 (in key to *Mimesa* of USSR); Kazenas, 1992c:25 (Turkmenistan: Repetek Nature Reserve), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia); Dollfuss, 2004a:108 (Kyrgyzstan, Turkey); Ljubomirov and Yildirim, 2008:165 (in catalog of Crabronidae of Turkey); Yıldırım, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); Kaplan and Yildirim, 2021:88 (in catalog of Crabronidae of Turkey), 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey).

50. *nigrita* Eversmann

Mimesa nigrita Eversmann, 1849:361, ♀, ♂. Lectotype: ♀, Russia: Orenburg Oblast': Spasskoye area (ZIN), designated by Budrys, 1985:69. – Ed. André, 1888:175 (in revision of Sphecidae of Europe and Algeria), 11* (bibliographic references); Dalla Torre, 1897:354 (in catalog of world Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Budrys, 1985:68 (identity of species, locality records), 73 (in key to *Mimesa* of USSR); Nemkov, 1986:93 (Russia: Siberia: Irkutsk Oblast'); Pagliano, 1990:111 (in catalog of Italian Sphecidae); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Negrisolo *in* Minelli, Ruffo, and La Posta, 1995b:10 (in catalog of Italian fauna); Mityaev, Matesova, Kulenova, Kazenas, and Zhdanko, 1980:116 (Russia: Siberia: Altayskiy Kray: basin of Aley River); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Dollfuss, Gusenleitner, and Bregant, 1998:510 (Austria: summary of collecting records from Burgenland); Esenbekova and Kazenas, 2000:15 (southeast Kazakhstan: no specific locality); Kazenas, 2000e:33 (in Sphecidae Fauna of Kazakhstan); Dollfuss and Bitsch *in* Bitsch et al., 2001:25 (in Sphecidae Fauna of Western Europe); Kazenas, 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia); Kazenas and Esenbekova, 2001:133 (Kazakhstan: Almatinskiy Nature Reserve); Kazenas, 2002a:41 (geographic distribution, collecting localities in Kazakhstan); Dollfuss, 2004a:109 (Kazakhstan, Syria, Turkey); Kazenas, 2004b:100 (Kazakhstan: western Tien Shan), 2004d:29 (Kazakhstan: northern Caspian region); Pagliano and Negrisolo, 2005:430 (in Sphecidae Fauna of Italy); Kazenas, 2007a:90 (Kazakhstan: Akmala Oblast': Kurgandzhin Nature Reserve and vicinity); Ljubomirov and Yildirim, 2008:165 (in catalog of Crabronidae of Turkey); Nemkov, 2008b:17 (in catalog of Sphecidae and Crabronidae of Asiatic Russia), 2009b:53 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Rudoiskatel', 2010:153 (Russia: southern Ural Mountains); Shorenko and Konovalov, 2010:25 (Ukraine: Khar'kov Oblast': village Rogan' and Sakhnovshinsk District: no specific locality); Baghirov, 2011b:153 (Russia: Altay Republic: Chermal); Kazenas, 2012b:169 (Kazakhstan: Korgalzhin State Nature Reserve); Shlyakhtenok, 2012a:171 (Belorussia: collected in private plots), 2013:138 (in annotated catalog of aculeate wasps of Belorussia); Yıldırım, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); Shorenko, 2015:331 (in list of Sphecidae *sensu lato* of Crimea); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Shorenko, 2018:128 (Crimea, including localities, habitats, and number of specimens); Kaplan and Yildirim, 2021:88 (in catalog of Crabronidae of Turkey); Dollfuss, K. Schmidt, and Bitsch *in* Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:159 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:419 (Uzbekistan: distribution). – *As Psen nigritus*: de Beaumont, 1937:76 (original description copied); Gussakovskij, 1937:690 (in

revision of Palearctic *Psen*, in subgenus *Aporina*, as *nigrita*); van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Kazenas, 1971:161 (in Kazakhstan found only in southeastern mountains); Tsuneki, 1972a:178 (Mongolia); Kazenas, 1978b:150, 152 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:237, 238 (in key to Sphecidae of European part of USSR).

Mimesa brevis Maidl, 1914:169, ♀, ♂. Syntypes: Turkey: Bursa (NHMW). Synonymized with *Mimesa nigrita* by Budrys, 1985:68. – Grandi, 1934:130 (Italy: Emilia-Romagna: Bazzano, and Veneto: Legnago); Zavadil, 1937a:73 (eastern Slovakia); Zavadil, Šusterka, and Baťa, 1937:219 (in catalog of Sphecidae of Czechoslovakia); Zavadil, 1939:122 (Czech Republic, Slovakia); Blüthgen, 1944:30 (a male received from Zavadil is *Mimesa crassipes*); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Dollfuss, 1983a:77 (Austria: endangered in Burgenland), 1983b:3 (in catalog of Sphecidae of Austria: Neusiedler See); Józán, 1985b:55 (citation of Bajári's 1957 record from Simontornya), 83 (ecological and zoogeographic characteristics); Islamov, 1985:530 (Uzbekistan: Tashkent Oblast'); Józán, 1986:368 (Hungary: Kiskunság National Park); Shkuratov, 2004a:79 (Russia: Rostov Oblast'); Józán, 2011:179 (in checklist of Sphecidae *sensu lato* of Hungary). – **As *Psen brevis***: de Beaumont, 1937:71 (in revision of Palearctic *Psenini*); Gussakovskij, 1937:688 (in revision of Palearctic *Psen*); Šnoflák, 1944a:144 (Czech Republic: serpentine steppe near Mohelno); Bajári, 1957a:75, 77 (in key to Hungarian Sphecidae), 1957b:138 (first record from Hungary); van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Benedek, 1969b:421 (Hungary: Csopak, collected in vicinity of aphid *Hyalopteritena pruni* (Geoffroy)); Balthasar, 1972:239 (in Sphecid Fauna of Czechoslovakia: may be expected in the country); Kazenas, 1978b:150, 152 (in key to Sphecidae of Kazakhstan and Central Asia); Pulawski, 1978:237, 238y (in key to Sphecidae of European part of USSR); Benedek, 1979:232 (Hungary: Bakony Hills); Dollfuss, 1989:10 (type material in NHMW).

As *Mimesa beckeri*: Tournier, 1889:104 (♂ only), corrected to *Psen brevis* by de Beaumont, 1937:71.

51. *nisenan* Finnamore

Mimesa nisenan Finnamore, 1983:91, ♀, ♂. Holotype: ♂, USA: California: Mono County: Sonora Pass (UCD).

52. *pauper* Packard

Mimesa pauper Packard, 1867:409, ♂. Lectotype: ♂, USA: Illinois: no specific locality (ANSP), designated by Cresson, 1928:51. – nec Cresson, 1873:227 (= *Pluto sayi*); Provancher, 1883b:647 (in revision of Canadian Hymenoptera); Cresson, 1887:283 (in catalog of North American Hymenoptera); Dalla Torre, 1897:354 (in catalog of world Hymenoptera); Ashmead, 1899d:224 (in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American *Psenini*); Stevens, 1917:423 (North Dakota); Mickel, 1918b:360 (in catalog of Nebraskan Sphecidae); Krombein *in* Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera); Krombein, 1958a:52 (USA: West Virginia: Lost River State Park); Kurczewski and Kurczewski, 1963:146 (Pennsylvania: Presque Isle State Park); Steiner, 1973:24 (Canada: Northwest Territories); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1982:49 (in Sphecid Fauna of Southern Quebec), 1983:33 (in revision of North American *Mimesa*), 1997:885 (Canada: Yukon); Sugar et al., 1998:15 (Canada: southern Ontario); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Ratzlaff, 2016:27 (Canada: British Columbia: from Finnamore, 1983 and Buck, 2004); Buck and Bennett, 2025:222 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Canada: Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland Island, Northwest Territories, Nova Scotia, Ontario, Quebec, Saskatchewan, Yukon Territory, first records from Labrador and Prince Albert Island: no specific locality). – **As *Psen pauper***: W. Fox, 1898:14 (new generic assignment, in revision of North American *Psen*); J. Smith, 1900:517 (in list of insects of New Jersey), 675 (in new list of insects of New Jersey); Rohwer, 1916b:659 (in catalog of Hymenoptera of Connecticut); Britton, 1920:338 (in checklist of insects of Connecticut); J.Ch. Bradley, 1928:1013 (in catalog of New York Sphecidae); Rohwer *in*

Viereck, 1925:659 (in key to Sphecidae of Connecticut; Prospect); Malloch, 1933:41 (in revision of North American Psenini).

Mimesa cingulata Packard, 1867:410, ♂. Holotype or syntypes: ♂, USA: Maine: Brunswick (...). Synonymized with *Mimesa pauper* by Krombein in Muesebeck, Krombein, and Townes, 1951:960. – Cresson, 1887:282 (in catalog of North American Hymenoptera); Dalla Torre, 1897:352 (in catalog of world Hymenoptera); Ashmead, 1899d:224 (in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American Psenini). – **As *Psen cingulatus***: W. Fox, 1898:14 (new generic assignment, in revision of North American *Psen*); Malloch, 1933:41 (in revision of North American Psenini).

As *Mimesa borealis*: Harrington, 1902:220 (Canada: Ontario: Ottawa), corrected to *Mimesa pauper* by Buck, 2004:76

53. *pekingensis* (Tsuneki)

Psen pekingensis Tsuneki, 1971m:14, ♀. Holotype: ♀, China: Beijing (Kyushu Univ.). – **As *Mimesa pekingensis***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Hua, 2006:281 (in list of Chinese insects, geographic distribution); L. Ma, Q. Li, and X. Chen, 2008:21 (in key to *Mimesa* of China).

As *Psen bicolor*: Yasumatsu, 1942c:113 (China: Beijing), corrected to *Psen pekingensis* by Tsuneki, 1971m:14.

54. *proxima* Cresson

Mimesa proxima Cresson, 1865b:488, ♀. Holotype: ♀, USA: Colorado Territory: no specific locality (ANSP). – Packard, 1867:408 (bibliographic reference); Cresson, 1887:283 (in catalog of North American Hymenoptera); Ashmead, 1890:32 (in checklist of Hymenoptera of Colorado); Dalla Torre, 1897:354 (in catalog of world Hymenoptera); Ashmead, 1899d:224 (in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American Psenini); H. Smith, 1908b:390 (in revision of Nebraskan Sphecidae); Cresson, 1916:102 (holotype in ANSP); Mickel, 1918b:360 (in catalog of Nebraskan Sphecidae); Krombein in Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:35 (in revision of North American *Mimesa*). – **As *Psen proximus***: W. Fox, 1898:16 (new generic assignment, in revision of North American *Psen*); Malloch, 1933:32 (in revision of North American Psenini).

55. *pulawskii* (Kazenas)

Psen pulawskii Kazenas, 1978a:664, ♀, ♂. Holotype: ♀, Kazakhstan: Ili River Valley: 15 km east of Ayak-Kalkan (ZIN). – **As *Mimesa pulawskii***: Budrys, 1985:66 (new generic assignment, in revision of *Mimesa* of USSR), 71 (in key to *Mimesa* of USSR); Kazenas, 1992c:25 (Turkmenistan: Repetek Nature Reserve), 1995a:26 (additional recognition characters), 2000e:34 (in Sphecid Fauna of Kazakhstan), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:42 (geographic distribution, collecting localities in Kazakhstan), 2008a:99 (southeastern Kazakhstan: near Ili River at Poyushchaya Gora); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:419 (Uzbekistan: distribution).

56. *punctifrons* (Malloch)

Psen punctifrons Malloch, 1933:36, ♂. Holotype: ♂, USA: California: San Bernardino County: Redlands (USNM). – **As *Mimesa punctifrons***: Krombein in Muesebeck, Krombein, and Townes, 1951:961 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:81 (in revision of North American *Mimesa*).

57. *punctipleuris* (Gussakovskij)

Psen punctipleuris Gussakovskij, 1937:676, ♀. Holotype: ♀, e. Mongolia: Buin-gol River (ZIN). – van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937). – **As *Mimesa punctipleuris***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Budrys, 1985:70 (in revision of *Mimesa* of USSR), 73 (in key to *Mimesa* of USSR); Budrys in Nemkov, Kazenas, Budrys, et Antropov, 1995:389 (in key to Sphecidae of

Russian Far East); Kazenas, 2000e:35 (in Sphecidae Fauna of Kazakhstan), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:42 (geographic distribution, collecting localities in Kazakhstan); Dollfuss, 2004a: 109 (Kyrgyzstan: Kirgiziya Mountains: Kashka-Suu at Ala-Archa River); Hua, 2006:281 (in list of Chinese insects, geographic distribution); L. Ma, Q. Li, and X. Chen, 2008:20, 21 (in key to *Mimesa* of China); Nemkov, 2008b:17 and 2009b:53 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Baghirov, 2011b:153 (Russia: recorded from Altay by Nemkov in Nemkov, Kazenas, Budrys, and Antropov, 1995); Nemkov, 2012c:435 (in catalog of Crabronidae of Russian Far East); Akulov and Proshchalykin, 2013:112 (Russia: Siberia: Krasnoyarsk Krai: 20 km south of Minusinsk); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Rezaei, Fallahzadeh, Dousti, and Saghaei, 2020a:197 (first record from Iran: Fars: Larestan).

Psen angulicollis Tsuneki, 1972a:178, ♂. Holotype: ♂, Mongolia: Central Aymag: 25 km southeast of Somon Lun (TMB). Synonymized with *Mimesa punctipleuris* by Budrys, 1985:70. – As *Mimesa angulicollis*: R. Bohart and Menke, 1976:161 (new generic assignment, in checklist of world Sphecidae); Wu and Zhou, 1996a:65 (in revision in Economic Insect Fauna of China); Hua, 2006:281 (in list of Chinese insects, geographic distribution; as *angulicollis*).

58. *pygidialis* (Malloch)

Psen pygidialis Malloch, 1933:39, ♀, ♂. Holotype: ♀, Canada: Alberta: Bilby (USNM). – Strickland, 1947:127 (Canada: Alberta: Edmonton). – As *Mimesa pygidialis*: Krombein in Muesebeck, Krombein, and Townes, 1951:961 (new generic assignment, in catalog of North American Hymenoptera); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:48 (in revision of North American *Mimesa*); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario), 29 (distribution within Ontario), 35 (first record from Ontario: Nellie Lake); Buck and Bennett, 2025:222 (in checklist of Sphecidae sensu lato of Canada, Alaska, and Greenland: Canada: Alberta, Manitoba, Ontario, Saskatchewan: no specific locality).

59. *quadridentata* L. Ma, X. Chen, and Q. Li

Mimesa quadridentata L. Ma, X. Chen, and Q. Li, 2011d:269, ♀. Holotype: ♀, China: Xinjiang: Zepu at 38°12'N 72°16'E (Zhejiang University, Hangzhou).

60. *rhysocephalica* L. Ma, Q. Li, and X. Chen

Mimesa rhysocephalica L. Ma, Q. Li, and X. Chen, 2008:24, ♀, ♂. Holotype: ♀, China: Yunnan: Weixi: Lidping at 27°6'N 99°12'E (ZIB). – L. Ma, Q. Li, and X. Chen, 2008:20, 21 (in key to *Mimesa* of China).

61. *sabina* Gittins

Mimesa sabina Gittins, 1966:247, ♀, ♂. Holotype: ♀, USA: California: Davis (UCD). – R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:65 (in revision of North American *Mimesa*); Parks, 1986:34 (California: Torrey Pines State Reserve); Ratzlaff, 2016:27 (first record from Canada: British Columbia: Southern Interior), 38 (British Columbia: Vernon).

62. *scheuchli* Schmid-Egger

Mimesa scheuchli Schmid-Egger, 2014:581, ♀, ♂. Holotype: ♂, United Arab Emirates: Wadi Shawak at 27.18°N 56.02°E (Ch. Schmid-Egger coll.). – Schmid-Egger, 2014: 580, 581 (in key to *Mimesa* of North Africa and Arabian Peninsula), 583 (color photograph of male); Jahantigh, Rakhshani; Mokhtari, and Ramroodi, 2017:75 (Iran: known from Fars Province); Gadallah, 2020b:61 (in list of aculeate wasps of Arabian Peninsula).

63. *senijextee* Finnamore

Mimesa senijextee Finnamore, 1983:67, ♀, ♂. Holotype: ♂, USA: Wyoming: Yellowstone National Park, southern gate (MCZ). – Ratzlaff, 2016:27 (Canada: British Columbia: from Finnamore, 1983); Buck and Bennett, 2025:222

(in checklist of Sphecidae sensu lato of Canada, Alaska, and Greenland: Canada: Alberta, British Columbia, Northwest Territories, Saskatchewan: no specific locality).

64. *serrana* Finnamore

Mimesa serrana Finnamore, 1983:50, ♀, ♂. Holotype: ♂, USA: California: Nevada County: Jackson Lake (UCD).

65. *shestakovi* (Gussakovskij)

Psen shestakovi Gussakovskij, 1937:683, ♂. Lectotype: ♂, Turkmenistan: Uch-Adzhi (ZIN), designated by Budrys, 1985:65. – van Lith, 1965:70 (in list of *Mimesa* treated by Gussakovskij, 1937); Myartseva, 1971b:179 (occurs only in deserts of Turkmenistan); Kazenas, 1978b:152 (in key to Sphecidae of Kazakhstan and Central Asia). – **As *Mimesa shestakovi***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Budrys, 1985:65 (in revision of *Mimesa* of USSR), 71 (in key to *Mimesa* of USSR); Kazenas, 1995a:28 (first record from Kazakhstan, description of ♀), 2000e:37 (in Sphecid Fauna of Kazakhstan), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:42 (geographic distribution, collecting localities in Kazakhstan); Medetov, Embergenov, Kholmatov, Elmurodova, Rakhimov, and Tajibaeva, 2024:419 (Uzbekistan: distribution).

66. *sibirica* (de Beaumont)

Psen sibiricus de Beaumont, 1937:78, ♂. Syntypes: ♂: Russia: Siberia: Irkutsk (NHMW). – de Beaumont, 1941a:32 (as new synonym of *Psen nigritus*). – **As *Mimesa sibirica***: R. Bohart and Menke, 1976:162 (as synonym of *Mimesa nigrita*); Budrys, 1985:69 (redescription, as valid species), 73 (in key to *Mimesa* of USSR), 1988:114 (Mongolia); Dollfuss, 1989:10 (holotype in NHMW); Budrys *in* Nemkov, Kazenas, Budrys, et Antropov, 1995:388 (in key to Sphecidae of Russian Far East); Kazenas, 2000e:39 (in Sphecid Fauna of Kazakhstan), 2001b:19 (in checklist of Sphecidae of Kazakhstan and Central Asia), 2002a:42 (geographic distribution, collecting localities in Kazakhstan); L. Ma, Q. Li, and X. Chen, 2008:20, 22 (in key to *Mimesa* of China), 27 (first record from China: Nei Mongol: Zhengbaiqi: Zhaganzhuoer at 42°18'N 115°E and Linhe River at 40°45'N 107°25'E); Nemkov, 2008b:17 and 2009b:54 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia).

Psen albopilosus Tsuneki, 1972a:184, ♀, ♂. Holotype: ♀, Mongolia: Central Aymag: 25 km E Somon Lun (TMB).

Synonymized with *Mimesa sibirica* by Budrys, 1988:114. – **As *Mimesa albopilosa***: R. Bohart and Menke, 1976:161 (new generic assignment, in checklist of world Sphecidae).

67. *sparsipunctulata* L. Ma, Q. Li, and X. Chen

Mimesa sparsipunctulata L. Ma, Q. Li, and X. Chen, 2011d:269, ♀, ♂. Holotype: ♀, China: Xinjiang: Moyu at 37°19'N 79°45'E (Institute of Zoology, Chinese Academy of Sciences, Beijing).

68. *sublaevis* (de Beaumont)

Psen sublaevis de Beaumont, 1954b:3, ♂. Holotype: ♂, Canary Islands: Gran Canaria: Maspalomas (Helsinki Univ.). – de Beaumont, 1956a:209 (Libya: Fezzan; Chad: Tibesti; description of ♀), 1958b:67 (Algeria: Tassili des Ajjer); Puławski, 1964:143 (Egypt: Kom Ombo); de Beaumont, 1968a:272 (Canary Islands: Gran Canaria); Báez and Ortega, 1978:192 (Canary Islands); Osborn and Krombein, 1969:16 (northwestern Sudan: Gebel 'Uweinat: Wadi Ain el Brins); Wolf, 1980:73 (Canary Islands); Hohmann, La Roche, Ortega, and Barquín, 1993:212 (detailed locality records from Canary Islands). – **As *Mimesa sublaevis***: R. Bohart and Menke, 1976:162 (new generic assignment, in checklist of world Sphecidae); Dollfuss, 2004a:109 (Canary Islands: Gran Canaria, Morocco); Roche, 2007a:60 (in checklist of Egyptian Crabronidae), 2007b:3 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2014:580, 581 (in key to *Mimesa* of North Africa and Arabian Peninsula), 582 (United Arab Emirates), 583 (color photograph of male); Gadallah, 2020b:61 (in list of aculeate wasps of Arabian Peninsula).

69. tenuis Oehlke

Mimesa tenuis Oehlke, 1965:343, ♀, ♂. Holotype: ♀, Austria: Deutsche Altenburg, Hundsheimer Berg (ZMHU). Paratypes: Slovakia, Austria. – Balthasar, 1972:241 (as new synonym of *Psen caucasicus*); Oehlke and Wudowenz, 1974:426 (paratypes in DEI); R. Bohart and Menke, 1976:162 (as synonym of *Mimesa caucasica*); Oehlke, 1982:57 (comparison to *Mimesa caucasica*, as valid species); Dollfuss, 1983a:76 (endangered in Niederösterreich, Austria), 1983b:4 (in catalog of Sphecidae of Austria: Niederösterreich: Deutsch-Altenburg), 1987:19 (Austria: Wien; Niederösterreich: Oberweiden in Marchfeld), 1988:21 (Oberweiden), 1989:10 (paratype in NHMW); Pádr in Šedivý, 1989a:168 (in checklist of Czechoslovakian Sphecidae); Day, 1991:xvi (summary of European Endangered Hymenoptera Lists); Dollfuss, 1991:36 (in key to Sphecidae of North and Central Europe); Gusenleitner, 1995:16 (Austria: Steiermark: Sichelndorf); Dollfuss and Bitsch in Bitsch et al., 2001:26 (in Sphecid Fauna of Western Europe); Zettel, Gross, and Mazzucco, 2001:68 (Austria: Wien); Dollfuss, 2004a:109 (Hungary: Credny, Slovakia: Chotin, Levice, Somotor); Vepřek and Straka, 2007:199 (in catalog of Sphecidae of Czech Republic and Slovakia, known from Moravia and Slovakia only), 212 (Moravia: Čejč); Yildirim, Ljubomirov, Özbek, and Yüksel, 2016:29 (Turkey: Bayburt: Kopdağ); Kaplan and Yildirim, 2021:89 (in catalog of Crabronidae of Turkey); Dollfuss, K. Schmidt, and Bitsch in Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:160 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey). – **As *Psen tenuis***: Pulawski, 1978:237, 238 (new generic assignment, in key to Sphecidae of European part of USSR).

70. tequila Finnamore

Mimesa tequila Finnamore, 1983:37, ♂. Holotype: ♂, USA: California: Alameda County: Oakland (UCD).

71. tolteca Finnamore

Mimesa tolteca Finnamore, 1983:83, ♂. Holotype: ♂, Mexico: Mexico: 10 km northeast of Agua Bendita (MCZ).

72. uncinata Cresson

Mimesa uncinata Cresson, 1865b:488, ♀. Holotype: ♀, USA: no specific locality (ANSP). – Packard, 1867:410 (bibliographic reference); Cresson, 1887:283 (in catalog of North American Hymenoptera); Ashmead, 1890:32 (in checklist of Hymenoptera of Colorado); Dalla Torre, 1897:355 (in catalog of world Hymenoptera); Ashmead, 1899d:224 (in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American Psenini); Snow, 1906:9 (Arizona); H. Smith, 1908b:390 (in revision of Nebraskan Sphecidae); Cresson, 1916:102 (holotype in ANSP); Mickel, 1918b:360 (in catalog of Nebraskan Sphecidae); Krombein in Muesebeck, Krombein, and Townes, 1951:961 (in catalog of North American Hymenoptera); Evans, 1970:486 (Wyoming: Jackson Hole); R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:96 (in revision of North American *Mimesa*); Ratzlaff, 2016:27 (Canada: British Columbia: from Krombein, 1979 and Finnamore, 1983); Buck and Bennett, 2025:222 (in checklist of Sphecidae *sensu lato* of Canada, Alaska, and Greenland: Alaska: no specific locality, Canada: Alberta, British Columbia, Labrador, Manitoba, New Brunswick, Northwest Territories, Nova Scotia, Ontario, Quebec, Saskatchewan, Yukon Territory: no specific locality). – **As *Psen uncinatus***: W. Fox, 1898:15 (new generic assignment, in revision of North American *Psen*); J.Ch. Bradley, 1928:1013 (in catalog of New York Sphecidae); Malloch, 1933:32 (in revision of North American Psenini).

Psen gregarius W. Fox, 1898:16, ♂. Holotype: ♂, USA: Colorado: no specific locality (ANSP). Synonymized with *Mimesa uncinata* by Buck and Bennett, 2025:291. – Malloch, 1933:42 (in revision of North American Psenini). – **As *Mimesa gregaria***: Ashmead, 1899d:224 (new generic assignment, in checklist of North American Crabronidae); Viereck, 1901b:342 (in checklist of North American Psenini); Cresson, 1928:50 (holotype in ANSP); Krombein in Muesebeck, Krombein, and Townes, 1951:960 (in catalog of North American Hymenoptera, as new generic assignment); Horning and Barr, 1970:103 (USA: Idaho: Craters of the Moon National Monument); R. Bohart and

Menke, 1976:162 (in checklist of world Sphecidae); Krombein, 1979b:1596 (in catalog of North American Hymenoptera); Finnamore, 1983:86 (in revision of North American *Mimesa*); Blades and Maier, 1996:72 (Canada: British Columbia: Osoyoos - Mount Kobau area at 119°40'W 49°05'N); Finnamore, 1997:884 (Canada: Yukon); Buck, 2004:24 (Canada: in checklist of Sphecidae of Ontario); Ratzlaff, 2016:27 (Canada: British Columbia: from Finnamore, 1983 and Buck, 2004).

73. *vindobonensis* Maidl

Mimesa vindobonensis Maidl, 1914:171, ♂. Holotype: ♂, Austria: Niederösterreich: Türkenschanze in Wien (NHMW).

– R. Bohart and Menke, 1976:162 (in checklist of world Sphecidae); Dollfuss, 1983b:4 (in catalog of Sphecidae of Austria); Budrys, 1985:70 (locality records from USSR and Mongolia), 72 (in key to *Mimesa* of USSR); Dollfuss, 1989:10 (holotype in NHMW), 1991:37 (in key to Sphecidae of North and Central Europe); Budrys in Nemkov, Kazenas, Budrys, et Antropov, 1995:388 (in key to Sphecidae of Russian Far East); Voblenko, Gorobchishin, and Nesterov, 1996:14 (Ukraine: Polesye Region); Wiśniowski and Kowalczyk, 1998:220 (first record from Poland: Pustynia Błędowska); Kazenas, 2000e:41 (in Sphecid Fauna of Kazakhstan); Dollfuss and Bitsch in Bitsch et al., 2001:26 (in Sphecid Fauna of Western Europe); Kazenas, 2001b:20 (in checklist of Sphecidae of Kazakhstan and Central Asia), 116 (review of known biology); Zettel, Gross, and Mazzucco, 2001:68 (Austria: Wien); Kazenas, 2002a:42 (geographic distribution, collecting localities in Kazakhstan); Dollfuss, 2004a:109 (Turkey: Erzurum, 50 km S Kars Pasli); Skibińska in Bogdanowicz, Chudzicka, Pilipiuk, and Skibińska, 2004:356 (in catalog of Polish Crabronidae); Wiśniowski, 2004:39 and 58 (in checklist of Polish Sphecidae); Hua, 2006:281 (in list of Chinese insects, geographic distribution); Bitsch, Dollfuss, Bouček, Schmidt, Schmid-Egger, Gayubo, Antropov, and Barbier, 2007:453 (recorded from Silesia, Poland, by Wiśniowski, 2004); Kazenas, 2008a:99 (Southeastern Kazakhstan: Ili River valley: near former village Ili); Ljubomirov and Yildirim, 2008:1166 (in catalog of Crabronidae of Turkey); L. Ma, Q. Li, and X. Chen, 2008:21 (in key to *Mimesa* of China); Nemkov, 2008b:17 and 2009b:54 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); Mokrousov, 2010a:63 (Russia: Nizhniy Novgorod Oblast': no specific localities) 2010b:100 (Russia: Nizhniy Novgorod Oblast': no specific localities); Baghirova, 2011b:153 (Russia: Altayskiy Krai: Savvushka; Altay Republic: Chermal); Yildirim, Ljubomirov, and Lelej, 2014:9 (distribution in Turkey by biogeographic provinces); Koçak and Kemal, 2015:146 (in checklist of Hymenoptera of Turkey); Ljubomirov, Özbek, and Yüksel, 2016:29 (Turkey: Erzurum: Atatürk University campus, Oltu, and Tekman); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Kaplan and Yildirim, 2021:89 (in catalog of Crabronidae of Turkey); Olszewski, Wiśniowski, and Ljubomirov, 2021:94 (Poland: known only from Pustynia Błędowska); Dollfuss, K. Schmidt, and Bitsch in Bitsch, Antropov, Bouček, Dollfuss, Fernández Gayubo, and K. Schmidt, 2022:160 (in revision of Sphecidae *sensu lato* of Europe); Kaplan and Yildirim, 2023:1691 (in checklist of Sphecidae *sensu lato* of Turkey). – **As *Psen vindobonensis***: de Beaumont, 1937:68 (new generic assignment, in revision of Palearctic *Psenini*); Gussakovskij, 1937:691 (in revision of Palearctic *Psen*, in subgenus *Aporina*; Russia: Sarepta, now Krasnoarmeysk); Zavadil in Zavadil and Šnoflák, 1948:145 (in key to Sphecidae of Czechoslovakia); Balthasar and Hrubant, 1961:14 (in key to male *Mimesa* of Czechoslovakia); Oehlke, 1965:346 (in revision of European *Mimesa*); Balthasar, 1972:237 (in Sphecid Fauna of Czechoslovakia: may be expected in the country); Tsuneki, 1972a:177 (Mongolia); Pulawski, 1978:237 (in key to Sphecidae of European part of USSR).

Psen bidentatus Gussakovskij, 1937:673, ♀, junior primary homonym of *Psen bidentatus* Cameron, 1908:282, now in *Psenulus*. Syntypes: ♀, Russia: Siberia: Minussinsk, Pavlodar, village Bayanul in southwestern Siberia (ZIN). Synonymized with *Mimesa vindobonensis* by Budrys, 1985:70. – van Lith, 1965:69 (in list of *Mimesa* treated by Gussakovskij, 1937); Tsuneki, 1970a:17 (nesting habits), 1971m:15 (China: Inner Mongolia: Apaka), 1972a:178 (Mongolia); Kazenas, 1974b:109 (feeding on flowers of *Euphorbia* spp., Euphorbiaceae, in Kazakhstan), 1978b:151 (in key to Sphecidae of Kazakhstan and Central Asia). – **As *Mimesa bidentata***: R. Bohart and Menke, 1976:674 (new generic assignment, in checklist of world Sphecidae).

As *Psen mongolicus*: Gussakovskij, 1937:677 (male only), corrected to *Mimesa vindobonensis* by Budrys, 1985:70.

As *Psen bicolor*: Tsuneki, 1942:332 (nesting habits), corrected to *Psen bidentatus* by Tsuneki, 1970a:17 and 1971m:15; Yasumatsu, 1942c:113 (China: Nei Mongol: Apaka at 44°N 114.96°E), corrected to *Psen bidentatus* (partly) by Tsuneki, 1970a:17 and 1971m:15.

74. *xanthognatha* Budrys

Mimesa xanthognatha Budrys, 1988:110, ♀. Holotype: ♀, Mongolia: South Gobi Aymag: 10 km east of Sudzhin Khuduk well (ZIN).

75. *zapoteca* Finnamore

Mimesa zapoteca Finnamore, 1983:98, ♀, ♂. Holotype: ♂, Mexico: Hidalgo: Pachuca (Kansas Univ.).

sp.

Ogilvie, 1928:50 (Bermuda); Bytinski-Salz, 1956:227 (Turkey: Kayseri); de Beaumont, 1967a (Turkey); Horning and Barr, 1970:103 (USA: Idaho: Craters of the Moon National Monument); Steiner, 1973:25 (Canada: Northwest Territories); Gayubo, 1984a:166 (Spain: Salamanca Province); Spahr, 1987:74 (in addition to Keilbach, 1982 catalog of amber Hymenoptera); Maes, 1989:99 (in catalog of Nicaraguan Sphecidae); Hilburn et. al., 1990:174 (Bermuda); Weissmann and Kondratieff, 1999:78 (Colorado: Great Sand Dunes National Monument); Esenbekova and Kazenas, 2000:15 (southeast Kazakhstan, sp. aff. *hissarica*); Kazenas and Esenbekova, 2001:133 (Kazakhstan: Almatinskiy Nature Reserve, *Mimesa* sp. aff. *hissarica*); Józán, 2003: 226 (Hungary: Látrányi Pusztá Nature Conservation Area); Gayubo and Özbek, 2005:35 (Turkey: Erzurum: University Campus); Kazenas, 2007a:90 (Kazakhstan: Akmala Oblast': Kurgandzhin Nature Reserve and vicinity); Ljubomirov and Yildirim, 2008:166 (in catalog of Crabronidae of Turkey); Ghazi-Soltani, Ebrahimi, Iranipour, and Pour Abad, 2010:798 (Iran: East Azerbaijan: Tabriz: Khalatpouschan); Jahantigh, Rakhshani, Mokhtari, and Ramroodi, 2017:75 (Iran: East Azerbaijan Province); Gadallah, 2020b:61 (in list of aculeate wasps of Arabian Peninsula).

SPECIES DESCRIBED IN *MIMESA* AND TRANSFERRED TO OTHER GENERA

alticola Viereck, 1903 = *Mimumesa mixta* (W. Fox, 1898)
antennata F. Smith, 1856 = *Nesomimesa*
argentina Brèthes, 1910 = *Pseneo*
atra Eversmann, 1849 = *Psen ater* (Olivier, 17920)
aurifrons Taschenberg, 1875 = *Pseneo*
borealis F. Smith, 1856 = *Mimumesa*
cameroni Ashmead, 1899 = *Psen montivagus* (Dalla Torre, 1891)
carbonaria F. Smith, 1865 = *Psen*
carbonaria Tournier, 1889 = *Mimumesa atratina* (F. Morawitz, 1891)
claviventris Cameron, 1891 = *Pseneo*
exarata Eversmann, 1849 = *Pseneo*
ferruginea Viereck, 1901 = *Pseneo*
johnsoni Viereck, 1901 = *Mimumesa*
littoralis Bondroit, 1934 = *Mimumesa*
longiventris Cameron, 1891 = *Pseneo*
mallochi Amarante, 2005 = *Mimumesa modesta mallochi* Amarante
mandibularis H. Smith, 1908 = *Mimumesa*
montezuma Cameron, 1891 = *Pseneo longiventris* (Cameron, 1891)
monticola Cameron, 1891 = *Psen montivagus* (Dalla Torre, 1897)
monticola Packard, 1867 = *Psen*
montivaga Dalla Torre, 1897 = *Psen*

myersiana Rohwer, 1909 = *Psen*
palliditarsis E. Saunders, 1904 = *Mimumesa unicolor* (Vander Linden, 1829)
pivicornis F. Morawitz, 1892 = *Pseneo exaratus* (Eversmann)
propinqua Kincaid, 1900 = *Mimumesa*
pulchra Cameron, 1891 = *Psen*
striata Viereck, 1901 = *Mimumesa*
striolata Cameron, 1891 = *Psen*
superba Tournier, 1889 = *Pseneo exaratus* (Eversmann, 1849)
tibialis Cresson, 1872 = *Pluto*

SPECIES RECENTLY REMOVED FROM *MIMESA*

inflata van Lith, 1968 = *Psen inflatus* van Lith, 1968

INCORRECTLY PLACED IN *MIMESA*

Mimesa rhybiensis: Graeffe, 1911:49 (Italy: Trieste area), probably *Cerceris rhybiensis*.