

CATAGLYPHIS

abdominalis. *Cataglyphis (Monocombus) emeryi* var. *abdominalis* Santschi, 1929b: 37 (w.) TURKMENIA.

Subspecies of *emeryi*: Agosti, 1990b: 1484; Bolton, 1995b: 134.

Junior synonym of *emeryi*: Radchenko, 1997c: 439.

abyssinica. *Myrmecocystus viaticus* r. *abyssinicus* Forel, 1904b: 382 (w.q.) ETHIOPIA.

[Misspelled as *abissinica* by Emery, 1906d: 58.]

Combination in *Cataglyphis*: Wheeler, W.M. 1922a: 944;
combination in *C. (Cataglyphis)*: Santschi, 1929b: 51.

As unavailable (infrasubspecific) name: Emery, 1906d: 58; Emery, 1908g: 217.

Subspecies of *viatica*: Wheeler, W.M. 1922a: 944.

Subspecies of *bicolor*: Emery, 1908g: 217; Emery, 1925b: 265; Santschi, 1929b: 51;
Menozzi, 1931a: 155; Finzi, 1939a: 160.

Status as species: Collingwood, 1985: 286; Agosti, 1990b: 1486; Bolton, 1995b: 134;
Collingwood & Agosti, 1996: 377; Collingwood, *et al.* 2011: 451; Borowiec, L. 2014:
50; Madl, 2019: 14.

acutinodis. *Cataglyphis acutinodis* Collingwood & Agosti, 1996: 377, fig. 39 (w.) YEMEN.

Status as species: Vonshak, *et al.* 2009: 39; Collingwood, *et al.* 2011: 451; Borowiec, L.
2014: 50.

adenensis. *Myrmecocystus viaticus* r. *adenensis* Forel, 1904b: 382 (footnote) (w.) YEMEN.

Combination in *Cataglyphis*: Wheeler, W.M. 1922a: 944;
combination in *C. (Cataglyphis)*: Santschi, 1929b: 41.

Subspecies of *bicolor*: Emery, 1906d: 58; Emery, 1908g: 217; Emery, 1925b: 265.

Subspecies of *viatica*: Forel, 1908a: 16; Wheeler, W.M. 1922a: 944.

Status as species: Santschi, 1929b: 41; Finzi, 1936: 193; Collingwood, 1985: 286;
Agosti, 1990b: 1486; Bolton, 1995b: 134; Collingwood & Agosti, 1996: 377;
Collingwood, *et al.* 2011: 454; Borowiec, L. 2014: 50 (see note in bibliography).

Current subspecies: nominal plus *bugnioni*.

adusta. *Cataglyphis bicolor* var. *adusta* Santschi, 1929b: 43 (w.q.m.) TUNISIA.

Subspecies of *bicolor*: Agosti, 1990b: 1487; Bolton, 1995b: 134.

aenescens. *Formica aenescens* Nylander, 1849: 37 (w.q.m.) RUSSIA (no state data, “Rossia
meridionali”).

Combination in *Tapinoma*: Smith, F. 1858b: 56;
combination in *Myrmecocystus*: Emery & Forel, 1879: 449;
combination in *Cataglyphis*: Mayr, 1861: 45; Müller, 1923b: 149;
combination in *C. (Monocombus)*: Santschi, 1929b: 35.

Junior synonym of *cursor*: Mayr, 1861: 45 (in key); Mayr, 1863: 402; Roger, 1863b: 12;
Dours, 1873: 166; André, 1874: 202 (in list); Mayr, 1877: 8; Emery & Forel, 1879: 449;
Mayr, 1880: 28; Dalla Torre, 1893: 217.

Subspecies of *cursor*: Emery, 1906d: 47; Karavaiev, 1910a: 269; Karavaiev, 1910b: 18;
Wheeler, W.M. & Mann, 1916: 173; Karavaiev, 1916: 507; Santschi, 1921a: 116;
Kuznetsov-Ugamsky, 1923: 248; Ruzsky, 1923: 2; Karavaiev, 1924: 301; Emery, 1925b:
263; Schkaff, 1925: 276; Santschi, 1926f: 290; Karavaiev, 1927a: 303; Karavaiev, 1927c:
287 (in key); Kuznetsov-Ugamsky, 1929b: 41; Santschi, 1929b: 35; Finzi, 1930c: 24;
Arnol'di, 1933b: 605 (in key); Santschi, 1934d: 281; Zimmermann, 1935: 54; Karavaiev,

1936: 263 (redescription); Karavaiev, 1937: 177; Santschi, 1938a: 43; Arnol'di, 1948: 212 (in list); Dlussky, 1962: 183; Baroni Urbani, 1964a: 8.

Status as species: Pisarski, 1967: 416; Arnol'di, 1968: 1816; Dlussky & Pisarski, 1970: 89; Tarbinsky, 1976: 203 (redescription); Arnol'di & Dlussky, 1978: 554 (in key); Dlussky, 1981a: 18; Dlussky & Zabelin, 1985: 239; Agosti & Collingwood, 1987a: 59; Agosti & Collingwood, 1987b: 285 (in key); Agosti, 1990b: 1480; Dlussky, Soyunov & Zabelin, 1990: 148; Atanassov & Dlussky, 1992: 294; Arakelian, 1994: 104; Bolton, 1995b: 134; Wu, J. & Wang, 1995: 147; Radchenko, 1997c: 436; Gallé, *et al.* 1998: 217; Radchenko, 1998: 503 (in key); Chang & He, 2002b: 62 (in key); Csösz, & Markó, 2005: 233; Bračko, 2006: 146; Markó, Sipos, *et al.* 2006: 67; Petrov, 2006: 56, 110 (in key); Schultz, R. *et al.* 2006: 203; Radchenko, 2007: 36; Werner & Wiezik, 2007: 156; Zryanin & Zryanina, 2007: 234; Gratiashvili & Barjadze, 2008: 132; Paknia, *et al.* 2008: 153; Lapeva-Gjonova, *et al.* 2010: 57; Csösz, *et al.* 2011: 58; Legakis, 2011: 33; Borowiec, L. & Salata, 2012: 485; Guénard & Dunn, 2012: 30; Kiran & Karaman, 2012: 8; Borowiec, L. & Salata, 2013: 384; Borowiec, L. 2014: 50; Bračko, *et al.* 2014: 19; Lebas, *et al.* 2016: 166; Radchenko, 2016: 318; Salata & Borowiec, 2018c: 44; Seifert, 2018: 297.

Senior synonym of *aterrima*: Radchenko, 1997c: 436; Schultz, R. *et al.* 2006: 203; Radchenko, 2016: 318.

Senior synonym of *caspius*: Emery, 1906d: 48; Karavaiev, 1910b: 18; Emery, 1925b: 263; Lomnicki, 1925a: 160; Santschi, 1929b: 35; Karavaiev, 1936: 263; Pisarski, 1967: 417; Tarbinsky, 1976: 203; Agosti, 1990b: 1480; Dlussky, Soyunov & Zabelin, 1990: 148; Arakelian, 1994: 104; Bolton, 1995b: 134; Radchenko, 2016: 318.

Senior synonym of *chatkalensis*: Radchenko, 1997c: 437; Schultz, R. *et al.* 2006: 203; Radchenko, 2016: 318.

Senior synonym of *cretica*: Borowiec, L. & Salata, 2013: 384 (in text).

Senior synonym of *georgica*: Radchenko, 1997c: 437; Gratiashvili & Barjadze, 2008: 132; Radchenko, 2016: 318.

Senior synonym of *hellenicus*: Borowiec, L. & Salata, 2013: 384 (in text).

Senior synonym of *jakobsoni*: Dlussky, Soyunov & Zabelin, 1990: 149; Bolton, 1995b: 134; Radchenko, 1997c: 437; Radchenko, 2016: 318.

Senior synonym of *rockingeri*: Radchenko, 1997c: 437; Radchenko, 2016: 318.

Senior synonym of *tancrei*: Radchenko, 1997c: 437; Schultz, R. *et al.* 2006: 203; Kiran & Karaman, 2012: 8; Radchenko, 2016: 318.

Material of the unavailable name *flavigastra* referred here by Dlussky, Soyunov & Zabelin, 1990: 149; Bolton, 1995b: 134; Radchenko, 1997c: 437.

Material of the unavailable names *kuenlunensis*, *maeotica*, referred here by Radchenko, 1997c: 437.

agilis. *Cataglyphis (Cataglyphis) albicans* st. *rubra* var. *agilis* Santschi, 1929b: 39 (w.) TUNISIA, ALGERIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Menozzi, 1940: 271; Cagniant, 2009: 60.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

agnata. *Cataglyphis (Cataglyphis) albicans* st. *livida* var. *agnata* Santschi, 1929b: 62 (diagnosis in key) (w.) ALGERIA; unavailable (infrasubspecific) name.

[Also described as new by Santschi, 1929c: 107, and by Santschi, 1934f: 176.]

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

agostii. *Cataglyphis agostii* Sharaf, in Fadl *et al.* 2007: 238, figs. 3, 4 (w.) EGYPT.

Status as species: Borowiec, L. 2014: 51.

albicans. *Formica albicans* Roger, 1859: 235 (w.) (no state data, “Im nördlichen Afrika”).

[Misspelled as *abicans* by Mayr, 1877: 20 (in list); misspelled as *albicaus* by Forel, 1890c: 218.]

André, 1882b: 174 (m.); Forel, 1894d: 11 (q.); Santschi, 1921d: 76 (gynandromorph).

Combination in *Myrmecocystus*: Emery & Forel, 1879: 449; Emery, 1880: 391; Ruzsky, 1905b: 440;

combination in *Myrmecocystus (Cataglyphis)*: Santschi, 1910f: 234; Karavaiev, 1924: 305;

combination in *Cataglyphis*: Mayr, 1862: 701; Roger, 1863b: 12; Mayr, 1880: 28; Emery, 1912f: 98; Santschi, 1912c: 149; Menozzi, 1922b: 332; Santschi, 1929b: 37;

combination in *C. (Cataglyphis)*: Santschi, 1929b: 37.

Subspecies of viatica: Emery & Forel, 1879: 449; Emery, 1881b: 528.

Status as species: Mayr, 1862: 701; Mayr, 1863: 402; Roger, 1863b: 12; Mayr, 1870b: 952; Mayr, 1877: 9; Emery, 1878a: ix (in list); Emery, 1878b: 48; Mayr, 1880: 28; Emery, 1880: 391; André, 1881b: 57; André, 1882b: 168 (in key); Emery, 1884a: 377; Forel, 1889: 256; Nasonov, 1889: 15; Emery, 1891b: 17; Dalla Torre, 1893: 216; Medina, 1893: 104; Forel, 1894d: 11; Forel, 1895d: 227; Forel, 1902a: 156; Forel, 1904c: 12; Ruzsky, 1905b: 440; Emery, 1906d: 50; Forel, 1908a: 14; Forel, 1909c: 105; Forel, 1909e: 383; Karavaiev, 1910a: 269; Karavaiev, 1910b: 37; Karavaiev, 1911: 10; Karavaiev, 1912a: 15; Santschi, 1912c: 149; Kuznetsov-Ugamsky, 1923: 247; Karavaiev, 1924: 305; Emery, 1925b: 262; Kutter, 1928: 66; Santschi, 1929b: 37; Finzi, 1930b: 16; Santschi, 1931a: 13; Menozzi, 1934: 165; Finzi, 1936: 191; Santschi, 1936c: 210; Santschi, 1939c: 5; Finzi, 1940: 164; Donisthorpe, 1942a: 33; Bernard, 1945: 137; Bernard, 1948: 162; Bernard, 1953a: 199; Ceballos, 1956: 317; Arnol'di, 1964: 1808; Cagniant, 1964: 93; Cagniant, 1966b: 281; Cagniant, 1968a: 145; Collingwood & Yarrow, 1969: 85; Cagniant, 1970c: 30; Bernard, 1971: 8; Collingwood, 1978: 92 (in key); Barquin Diez, 1981: 473; Collingwood, 1985: 286; Kugler, J. 1988: 259; Tinaut & Plaza, 1990: 196; Agosti, 1990b: 1491; Hohmann, *et al.* 1993: 163; Arakelian, 1994: 106; Bolton, 1995b: 134; Espadaler, 1997b: 27; Radchenko, 1997c: 425; Radchenko, 1998: 507 (in key); Cagniant, 2006a: 194; Cagniant, 2009: 52; Vonshak, *et al.* 2009: 39; Legakis, 2011: 33; Borowiec, L. & Salata, 2012: 486; Kiran & Karaman, 2012: 9; Borowiec, L. 2014: 51 (see note in bibliography); Lebas, *et al.* 2016: 160.

Senior synonym of armena: Radchenko, 1997c: 425.

Current subspecies: nominal plus *fezzanensis*, *franchetti*, *kairuana*, *opaca*, *targuia*.

alibabae. *Cataglyphis alibabae* Pisarski, 1965: 419, figs. 11-14 (w.) IRAQ.

Status as species: Agosti, 1990b: 1491; Bolton, 1995b: 134; Radchenko, 1997c: 426; Radchenko, 1998: 508 (in key); Borowiec, L. 2014: 51.

altisquamis. *Myrmecocystus altisquamis* André, 1881b: 56, pl. 3, figs. 6, 7 (w.) SYRIA (“Antiliban”).

André, 1882b: 171 (q.).

Combination in *Cataglyphis*: Emery, 1912f: 104; Emery, 1925b: 264;

combination in *C. (Monocombus)*: Santschi, 1929b: 34.

Subspecies of viatica: Forel, 1911h: 458.

Status as species: André, 1882b: 169 (in key); Emery, 1884a: 376; Forel, 1890a: lxvii; Emery, 1891b: 16; Dalla Torre, 1893: 216; Forel, 1894d: 7; Forel, 1895d: 228; Ruzsky,

1905b: 436; Emery, 1906d: 56; Emery, 1908g: 216; Karavaiev, 1910b: 39; Emery, 1925b: 264; Santschi, 1929b: 34; Menozzi, 1933b: 85; Ceballos, 1956: 317; Arnol'di, 1964: 1811; Collingwood, 1978: 92 (in key); Kugler, J. 1988: 259; Agosti, 1990b: 1482; Tinaut, 1991: 220; Bolton, 1995b: 134; Radchenko, 1997c: 429; Radchenko, 1998: 506 (in key); Paknia, *et al.* 2008: 153; Vonshak, *et al.* 2009: 39; Borowiec, L. 2014: 51; Tohmé, G. & Tohmé, 2014: 139.

ambigua. *Cataglyphis (Cataglyphis) albicans* st. *livida* var. *ambigua* Santschi, 1929b: 40 (w.) EGYPT, MAURITANIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Finzi, 1936: 192; Santschi, 1938a: 43; Bernard, 1953a: 201.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

arabica. *Myrmecocystus albicans* subsp. *lividus* var. *arabica* Emery, 1906d: 54, fig. 16 (w.) YEMEN; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Emery, 1925b: 262; Santschi, 1929b: 62 (in key).

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

arenaria. *Cataglyphis albicans* var. *arenaria* Finzi, 1940: 164.

[First available use of *Myrmecocystus albicans* subsp. *lividus* var. *arenaria* Forel, 1909e: 384 (w.) ALGERIA; unavailable (infrasubspecific) name (Agosti, 1990b: 1498).]

Santschi, 1929b: 40 (q.); Cagniant, 2009: 52 (m.).

As unavailable (infrasubspecific) name: Santschi, 1910f: 234; Forel, 1911f: 280; Forel, 1911h: 458; Karavaiev, 1912a: 16; Stitz, 1917: 348; Santschi, 1921d: 72; Emery, 1925b: 262; Santschi, 1929b: 40; Santschi, 1929c: 107; Santschi, 1932f: 518; Menozzi, 1934: 166; Santschi, 1934f: 176; Santschi, 1938a: 43; Weber, 1943c: 346 (in list); Bernard, 1953a: 201.

Subspecies of *albicans*: Agosti, 1990b: 1498; Bolton, 1995b: 134.

Status as species: Collingwood & Agosti, 1996: 378; Cagniant, 2009: 51; Collingwood, *et al.* 2011: 454; Borowiec, L. 2014: 51.

argentata. *Camponotus argentata* Radoszkowsky, 1876: 140 (w.) EGYPT.

Junior synonym of *bombycinus*: Dalla Torre, 1893: 217; Emery, 1925b: 267.

Status as species: Agosti, 1990b: 1492; Bolton, 1995b: 134; Borowiec, L. 2014: 52.

armena. *Cataglyphis albicans* subsp. *armena* Arnol'di, 1964: 1808, figs. 7, 8 (w.q.m.) ARMENIA.

Subspecies of *albicans*: Agosti, 1990b: 1491; Arakelian, 1994: 106; Bolton, 1995b: 134.

Junior synonym of *albicans*: Radchenko, 1997c: 425.

asiriensis. *Cataglyphis asiriensis* Collingwood, 1985: 286, fig. 76 (w.) SAUDI ARABIA.

Status as species: Agosti, 1990b: 1483; Bolton, 1995b: 134; Borowiec, L. 2014: 52.

assyria. *Cataglyphis bicolor* st. *nodus* var. *assyria* Santschi, 1929b: 44, fig. 7 (w.) IRAN; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

aterrima. *Cataglyphis aenescens* subsp. *aterrima* Pisarski, 1967: 417.

[First available use of *Myrmecocystus (Cataglyphis) cursor* subsp. *aenescens* var. *aterrima* Karavaiev, 1916: 507 (w.) UZBEKISTAN; unavailable (infrasubspecific) name (Agosti, 1990b: 1482).]

Tarbinsky, 1976: 206 (q.m.).

As unavailable (infrasubspecific) name: Karavaiev, 1924: 304; Santschi, 1929b: 58 (in key).

Subspecies of *aenescens*: Tarbinsky, 1976: 206 (redescription).

Subspecies of *cursor*: Agosti, 1990b: 1482; Bolton, 1995b: 134.

Junior synonym of *aenescens*: Radchenko, 1997c: 436; Schultz, R. et al. 2006: 203; Radchenko, 2016: 318.

aurata. *Cataglyphis albicans* var. *aurata* Menozzi, 1932c: 95.

[First available use of *Myrmecocystus albicans* subsp. *lividus* var. *auratus* Karavaiev, 1911: 10 (w.) SUDAN; unavailable (infrasubspecific) name (Agosti, 1990b: 1491).]

As unavailable (infrasubspecific) name: Emery, 1925b: 262; Menozzi, 1927g: 380; Santschi, 1929b: 62 (in key); Stitz, 1932b: 737; Menozzi, 1934: 166; Finzi, 1936: 192; Bernard, 1953a: 201.

Subspecies of *albicans*: Menozzi, 1934: 157; Agosti, 1990b: 1491; Bolton, 1995b: 134.

Status as species: Collingwood & Agosti, 1996: 378; Collingwood, et al. 2011: 454; Borowiec, L. 2014: 52.

basalis. *Cataglyphis bicolor* var. *basalis* Santschi, 1929b: 42 (w.q.m.) ALGERIA, TUNISIA.

Subspecies of *bicolor*: Agosti, 1990b: 1487; Bolton, 1995b: 134.

bellicosa. *Myrmecocystus* (*Cataglyphis*) *bicolor* subsp. *bellicosus* Karavaiev, 1924: 307 (w.) IRAN.

Combination in *Cataglyphis*: Agosti, 1990b: 1487.

As unavailable (infrasubspecific) name: Santschi, 1929b: 49; Karavaiev, 1932: 250..

Subspecies of *bicolor*: Agosti, 1990b: 1487; Bolton, 1995b: 134.

Status as species: Radchenko, 1997c: 434; Radchenko, 1998: 504 (in key); Paknia, et al. 2008: 154; Borowiec, L. 2014: 52; Khalili-Moghadam, et al. 2019: 168.

bergiana. *Cataglyphis setipes* subsp. *bergiana* Arnol'di, 1964: 1805 (w.) KAZAKHSTAN.

Subspecies of *setipes*: Agosti, 1990b: 1490; Bolton, 1995b: 134.

Status as species: Radchenko, 1997c: 434; Radchenko, 1998: 504 (in key); Schultz, R. et al. 2006: 203; Paknia, et al. 2010: 32; Borowiec, L. 2014: 52.

Senior synonym of *karakalensis*: Radchenko, 1997c: 434; Radchenko, 1998: 504 (in key).

bicolor. *Formica bicolor* Fabricius, 1793: 351 (m.) (no state data, “Habitat in Barbaria”, = North African coast from Morocco to Libya).

[Misspelled as *biceler* by Menozzi, 1929e: 128; misspelled as *bicolora* by Borowiec, L. & Salata, 2012: 486.]

Athias-Henriot, 1947: 249 (l.); Wheeler, G.C. & Wheeler, J. 1980: 538 (l.).

Combination in *Myrmecocystus*: Emery & Forel, 1879: 449;

combination in *Myrmecocystus* (*Cataglyphis*): Santschi, 1910f: 234;

combination in *Cataglyphis*: Roger, 1863b: 12; Mayr, 1863: 402; Emery, 1912f: 98; Emery, 1915g: 22;

combination in *Cataglyphis* (*Cataglyphis*): Santschi, 1929b: 41.

Junior synonym of *viatica*: Nylander, 1856b: 59; Smith, F. 1858b: 9; Smith, F. 1861a: 32; Mayr, 1863: 402; Roger, 1863b: 12; Emery & Forel, 1879: 449; Nasonov, 1889: 14; Dalla Torre, 1893: 218.

Subspecies of *viatica*: Forel, 1907e: 15; Forel, 1908a: 14; Forel, 1909e: 386; Forel 1910c: 266; Forel, 1910e: 450; Wheeler, W.M. & Mann, 1916: 173; Stitz, 1917: 348; Wheeler, W.M. 1922a: 944.

Status as species: Latreille, 1802c: 123; Fabricius, 1804: 398; Lucas, H. 1849: 302; Smith, F. 1858b: 31; Emery & Forel, 1879: 449; Emery, 1906d: 58; Mayr, 1907a: 389; Forel, 1907e: 15; Santschi, 1908: 518; Santschi, 1910f: 234; Karavaiev, 1910b: 39; Karavaiev, 1911: 10; Karavaiev, 1912b: 590; Emery, 1915g: 22; Viehmeyer, 1923: 92; Müller, 1923b: 149; Karavaiev, 1924: 306; Emery, 1925b: 264; Menozzi, 1927g: 380; Santschi, 1929b: 41; Finzi, 1930b: 16; Finzi, 1930c: 24; Karavaiev, 1932: 250; Menozzi, 1933b: 87 (in key); Menozzi, 1934: 166; Finzi, 1936: 192; Santschi, 1936c: 210; Finzi, 1939a: 160; Finzi, 1940: 165; Donisthorpe, 1942a: 33; Bernard, 1945: 137; Athias-Henriot, 1947: 249; Donisthorpe, 1947e: 111; Donisthorpe, 1950e: 1065; Bernard, 1953a: 198; Cagniant, 1964: 93; Cagniant, 1966b: 281; Cagniant, 1968a: 145; Cagniant, 1970c: 30; Bernard, 1971: 8; Hamann & Klemm, 1976: 674; Agosti, 1990b: 1486; Wehner, et al. 1994: 168; Bolton, 1995b: 134; Cagniant, 2006a: 194; Cagniant, 2009: 49; Legakis, 2011: 34; Borowiec, L. & Salata, 2012: 486; Kiran & Karaman, 2012: 9; Borowiec, L. 2014: 52 (see note in bibliography); Tohmé, G. & Tohmé, 2014: 139; Madl, 2019: 14.

Senior synonym of *fairmairei*: Santschi, 1929b: 41; Agosti, 1990b: 1487; Bolton, 1995b: 134.

Senior synonym of *megalocola*: Mayr, 1855: 382; Santschi, 1929b: 41; Agosti, 1990b: 1486; Bolton, 1995b: 134.

Senior synonym of *rotundinodis*: Santschi, 1929b: 41; Agosti, 1990b: 1487; Bolton, 1995b: 134.

Current subspecies: nominal plus *adusta*, *basalis*, *congolensis*, *pubens*, *seticornis*, *sudanica*.

bicoloripes. *Cataglyphis bicoloripes* Walker, 1871: 10 (q.) EGYPT.

Status as species: Dalla Torre, 1893: 216; Bolton, 1995b: 134 (error); Borowiec, L. 2014: 53 (error).

Unidentifiable taxon; *incertae sedis* in *Cataglyphis*: Agosti, 1990b: 1495.

birmana Collingwood, 1962; see under **CAMPONOTUS**.

bombycina. *Formica bombycina* Roger, 1859: 232, pl. 7, fig. 1 (s.w.q.m.) LIBYA, EGYPT, SUDAN (“Tripolis, Aegypten, Nubien und am rothen Meer”).

[Misspelled as *bombicinus* by Menozzi, 1934: 157.]

Athias-Henriot, 1947: 249 (l.).

Combination in *Cataglyphis*: Mayr, 1862: 701; Emery, 1912f: 98;

combination in *Myrmecocystus*: Emery, 1891b: 17;

combination in *Myrmecocystus* (*Cataglyphis*): Santschi, 1910f: 234;

combination in *Cataglyphis* (*Machaeromyrma*): Forel, 1916: 441; Emery, 1925b: 267.

Status as species: Mayr, 1862: 701; Mayr, 1863: 402; Roger, 1863b: 12; Mayr, 1877: 20 (in list); Emery, 1878b: 48; André, 1882b: 168 (in key); Emery, 1884a: 377; Forel, 1886f: 205; Emery, 1891b: 17; Dalla Torre, 1893: 216; Forel, 1895d: 232; Forel, 1902a: 156; Forel, 1903b: 453; Mayr, 1904b: 11; Emery, 1906d: 59; Forel, 1909e: 387; Santschi, 1910f: 234; Karavaiev, 1912a: 17; Wheeler, W.M. & Mann, 1916: 173; Stitz, 1917: 349; Viehmeyer, 1923: 93; Emery, 1925b: 267; Menozzi, 1927g: 381; Santschi, 1929b: 30; Santschi, 1929c: 106; Santschi, 1929g: 166; Santschi, 1932f: 518; Menozzi, 1932c: 95; Menozzi, 1932e: 454; Menozzi, 1934: 157; Santschi, 1934b: 34; Santschi, 1934f: 175; Finzi, 1936: 193; Santschi, 1936e: 82; Santschi, 1938a: 43; Menozzi, 1940: 271; Finzi, 1940: 165; Donisthorpe, 1942a: 33; Athias-Henriot, 1947: 249; Donisthorpe, 1947e: 111; Bernard, 1948: 164; Bernard, 1953a: 206; Délye, 1960: 261; Cagniant, 1964: 93;

Hamann & Klemm, 1967: 419; Kugler, J. 1981: 87 (in key); Kugler, J. 1988: 259; Agosti, 1990b: 1484; Bolton, 1995b: 134; Radchenko, 1997c: 435; Radchenko, 1998: 502 (in key); Cagniant, 2006a: 194; Cagniant, 2009: 48; Vonshak, *et al.* 2009: 39; Legakis, 2011: 34; Borowiec, L. 2014: 53 (see note in bibliography).

Senior synonym of *lameerei*: Cagniant, 2006a: 194 (by implication).

Senior synonym of *lucasi*: Cagniant, 2006a: 194.

Senior synonym of *phaeogaster*: Dalla Torre, 1893: 217; Emery, 1925b: 267; Agosti, 1990b: 1484; Bolton, 1995b: 134.

Current subspecies: nominal plus *bruneipes, sinaitica*.

***bruneipes*.** *Myrmecocystus (Cataglyphis) bombycinus* var. *bruneipes* Santschi, 1911i: 287 (w.) TUNISIA.

[Misspelled as *brunneipes* by Emery, 1925b: 267.]

Combination in *Cataglyphis (Machaerogenys)*: Emery, 1925b: 267.

Subspecies of *bombycinus*: Stitz, 1917: 349; Emery, 1925b: 267; Santschi, 1929b: 60 (in key); Agosti, 1990b: 1484; Bolton, 1995b: 134.

***bucculenta*.** *Cataglyphis bicolor* st. *saharae* var. *bucculenta* Santschi, 1929b: 48 (w.) MOROCCO; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

***bucharica*.** *Cataglyphis altisquamis* var. *bucharica* Emery, 1925b: 264.

[First available use of *Myrmecocystus altisquamis* r. *foreli* var. *bucharica* Forel, 1904b: 393 (in text) (w.) TAJIKISTAN; unavailable (infrasubspecific) name (Agosti, 1990b: 1483).]

Arnol'di, 1964: 1812 (q.).

As unavailable (infrasubspecific) name: Ruzsky, 1905b: 439; Emery, 1906d: 56; Emery, 1908g: 216; Forel, 1911h: 458.

Subspecies of *altisquamis*: Santschi, 1929b: 60 (in key); Arnol'di, 1964: 1811; Agosti, 1990b: 1482.

Subspecies of *foreli*: Pisarski, 1967: 418; Pisarski, 1970: 324; Bolton, 1995b: 134.

Status as species: Radchenko, 1997c: 429; Radchenko, 1998: 506 (in key); Paknia, *et al.* 2008: 154; Borowiec, L. 2014: 53.

***bugnioni*.** *Cataglyphis adenensis* var. *bugnioni* Santschi, 1929b: 41.

[First available use of *Myrmecocystus viaticus* r. *adenensis* var. *bugnioni* Forel, 1908a: 16 (w.) EGYPT; unavailable (infrasubspecific) name (Agosti, 1990b: 1486).]

As unavailable (infrasubspecific) name: Emery, 1925b: 265.

Subspecies of *adenensis*: Finzi, 1936: 193; Agosti, 1990b: 1486; Bolton, 1995b: 134.

***bulgarica*.** *Cataglyphis (Cataglyphis) livida* bulgarica Atanassov, 1982: 213, fig. 4 (w.q.) BULGARIA.

Subspecies of *livida*: Agosti, 1990b: 1494; Bolton, 1995b: 134.

Status as species: Atanassov & Dlussky, 1992: 293.

Junior synonym of *livida*: Radchenko, 1997c: 428.

***caerulescens*.** *Cataglyphis bicolor* st. *nigra* var. *caerulescens* Santschi, 1929b: 50, fig. 10 (w.) SYRIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Santschi, 1934d: 282.

[*Cataglyphis caerulescens* Tohmé, G. & Tohmé, 2014: 139 (attributed to Santschi); unavailable name (published after 1985).]

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

cana. *Cataglyphis albicans* var. *cana* Santschi, 1925g: 356.

[First available use of *Myrmecocystus albicans* subsp. *vaucheri* var. *cana* Emery, 1906d: 54 (w.) MOROCCO; unavailable (infrasubspecific) name (Agosti, 1990b: 1492).] Cagniant, 2009: 58 (q.m.).

Combination in *C. (Cataglyphis)*: Santschi, 1929b: 38.

As unavailable (infrasubspecific) name: Emery, 1925b: 263.

Subspecies of albicans: Santschi, 1929b: 38.

Subspecies of vaucheri: Tinaut & Plaza, 1990: 194.

Status as species: Collingwood, 1978: 73, 92 (in key); Agosti, 1990b: 1492; Bolton, 1995b: 134; Cagniant, 2006a: 194; Cagniant, 2009: 58; Collingwood, *et al.* 2011: 454; Borowiec, L. 2014: 53.

caspius. *Myrmecocystus cursor* var. *caspius* Ruzsky, 1902b: 470 (q.m.) UZBEKISTAN.

Ruzsky, 1905b: 447 (w.).

As unavailable (infrasubspecific) name: Forel, 1904b: 383; Ruzsky, 1905b: 447; Karavaiev, 1910b: 18; Gratiashvili & Barjadze, 2008: 132 (error).

Subspecies of *cursor*: Ruzsky, 1902d: 8; Ruzsky, 1903b: 300; Ruzsky, 1904b: 5.

Junior synonym of *aenescens*: Emery, 1906d: 48; Karavaiev, 1910b: 18; Emery, 1925b: 263; Lomnicki, 1925a: 160; Santschi, 1929b: 35; Karavaiev, 1936: 263; Pisarski, 1967: 417; Tarbinsky, 1976: 203; Agosti, 1990b: 1480; Dlussky, Soyunov & Zabelin, 1990: 148; Arakelian, 1994: 104; Bolton, 1995b: 135; Radchenko, 2016: 318.

caucasea Santschi, 1925; see under **PROFORMICA**.

caucasicola. *Cataglyphis nodus* subsp. *caucasicola* Arnol'di, 1964: 1803, figs. 1, 2 (w.m.) GEORGIA.

Subspecies of *nodus*: Agosti, 1990b: 1490.

Junior synonym of *nodus*: Dlussky, Soyunov & Zabelin, 1990: 153; Arakelian, 1994: 108; Bolton, 1995b: 135; Radchenko, 1997c: 433; Gratiashvili & Barjadze, 2008: 132.

chatkalensis. *Cataglyphis aenescens* subsp. *chatkalensis* Tarbinsky, 1976: 202 (w.m.) KYRGYZSTAN.

Subspecies of *aenescens*: Agosti, 1990b: 1480; Bolton, 1995b: 135.

Junior synonym of *aenescens*: Radchenko, 1997c: 437; Schultz, R. *et al.* 2006: 203; Radchenko, 2016: 318.

cinnamomea. *Myrmecocystus albicans* subsp. *cinnamomeus* Karavaiev, 1910a: 269 (w.) UZBEKISTAN.

[Also described as new, as *Myrmecocystus albicans* subsp. *viaticoides* var. *cinnamomea* Karavaiev, 1910b: 37; unavailable (infrasubspecific) name (Agosti, 1990b: 1492).]

Combination in *Cataglyphis*: Emery, 1925b: 263;

combination in *C. (Eomonocombus)*: Arnol'di, 1968: 1815.

As unavailable (infrasubspecific) name: Emery, 1925b: 263.

Subspecies of albicans: Santschi, 1929b: 61 (in key).

Status as species: Pisarski, 1967: 418; Arnol'di, 1968: 1815; Pisarski, 1970: 324; Dlussky, 1981a: 18; Dlussky, Soyunov & Zabelin, 1990: 150; Agosti, 1990b: 1492; Bolton, 1995b: 135; Collingwood & Agosti, 1996: 378; Radchenko, 1997c: 427; Radchenko, 1998: 507 (in key); Paknia, *et al.* 2010: 32; Collingwood, *et al.* 2011: 454; Borowiec, L. 2014: 53.

congolensis. *Myrmecocystus bicolor* var. *congolensis* Stitz, 1916: 396, fig. 10 (w.) CHAD.

Combination in *Cataglyphis*: Wheeler, W.M. 1922a: 945.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1922a: 944; Santschi, 1929b: 52.

Subspecies of bicolor: Emery, 1925b: 265; Agosti, 1990b: 1487; Bolton, 1995b: 135.

cretica. *Myrmecocystus cursor* var. *cretica* Forel, 1910a: 23.

[First available use of *Myrmecocystus cursor* subsp. *aenescens* var. *cretica* Emery, 1906d: 48, fig. 4 (w.m.) GREECE (Crete I.); unavailable (infrasubspecific) name (Agosti & Collingwood, 1987a: 61).]

Salata & Borowiec, 2018c: 19 (q.).

Combination in *Cataglyphis*: Emery, 1925b: 264.

As unavailable (infrasubspecific) name: Emery, 1925b: 264; Santschi, 1929b: 54.

Subspecies of cursor: Agosti, 1990b: 1482; Bolton, 1995b: 135; Legakis, 2011: 34.

Junior synonym of *aenescens*: Borowiec, L. & Salata, 2013: 384 (in text).

Status as species: Salata & Borowiec, 2018c: 13 (redescription).

Material of the unavailable name *dorica* referred here by Salata & Borowiec, 2018c: 13.

cubica. *Myrmecocystus albicans* r. *cubicus* Forel, 1903c: 267 (w.q.) MOROCCO.

Combination in *Cataglyphis*: Emery, 1925b: 263.

As unavailable (infrasubspecific) name: Emery, 1906d: 53; Karavaiev, 1924: 305; Emery, 1925b: 263; Santschi, 1929b: 39.

Subspecies of albicans: Santschi, 1929b: 61 (in key); Santschi, 1936c: 210; Agosti, 1990b: 1492; Bolton, 1995b: 135.

Status as species: Cagniant, 2006a: 194; Cagniant, 2009: 51; Borowiec, L. 2014: 53.

cugiae. *Cataglyphis (Monocombus) cugiae* Menozzi, 1939a: 323, figs. 13-15 (w.q.) INDIA? (Jammu & Kashmir?).

Status as species: Eidmann, 1942: 255; Agosti, 1990b: 1481; Bolton, 1995b: 135; Radchenko, 1997c: 438; Radchenko, 1998: 503 (in key); Paknia, *et al.* 2010: 32; Borowiec, L. 2014: 53; Wachkoo & Bharti, 2015a: 9 (in key); Bharti, Guénard, *et al.* 2016: 27.

cuneinodis. *Cataglyphis viaticoides* subsp. *cuneinodis* Arnol'di, 1964: 1810.

[First available use of *Myrmecocystus (Cataglyphis) albicans* subsp. *ruber* var. *cuneinodis* Karavaiev, 1924: 305 (w.) AZERBAIJAN; unavailable (infrasubspecific) name (Agosti, 1990b: 1495).]

As unavailable (infrasubspecific) name: Santschi, 1929b: 61 (in key).

Subspecies of viaticoides: Agosti, 1990b: 1495; Bolton, 1995b: 135.

Status as species: Radchenko, 1997c: 426; Radchenko, 1998: 507 (in key); Paknia, *et al.* 2008: 154; Borowiec, L. 2014: 53.

cursor. *Formica cursor* Fonscolombe, 1846: 41 (w.q.m.) FRANCE.

Mayr, 1861: 45 (w.q.m.).

Combination in *Cataglyphis*: Mayr, 1861: 45 (in key); Mayr, 1880: 28; Emery, 1912f: 99; Emery, 1916b: 267; Emery, 1925b: 263;

combination in *Myrmecocystus*: Emery & Forel, 1879: 449;

combination in *Myrmecocystus (Cataglyphis)*: Forel, 1911d: 354;

combination in *Cataglyphis (Monocombus)*: Santschi, 1929b: 29.

Status as species: Nylander, 1856b: 60; Smith, F. 1858b: 9; Mayr, 1861: 45 (in key); Mayr, 1863: 402; Roger, 1863b: 12; Dours, 1873: 166; André, 1874: 182 (in key); Mayr, 1877: 8; Emery, 1878b: 48; Emery & Forel, 1879: 449; Mayr, 1880: 28; André, 1881b: 59; André, 1882b: 170 (in key); Costa, 1884: 34; Forel, 1886e: clxvii; Forel, 1886f: 204; Nasonov, 1889: 14; Mayr, 1889: 278; Saunders, E. 1890: 203; Forel, 1892i: 306; Dalla

Torre, 1893: 217; Ruzsky, 1896: 68; Ruzsky, 1902a: 232; Forel, 1906c: 189; Emery, 1906d: 47; Karavaiev, 1910a: 269; Karavaiev, 1910b: 18; Forel, 1911d: 354; Karavaiev, 1916: 507; Emery, 1916b: 267; Bondroit, 1918: 38; Wheeler, W.M. 1922a: 944; Soudek, 1922: 86; Müller, 1923b: 149; Karavaiev, 1924: 301; Emery, 1925b: 263; Karavaiev, 1927c: 287 (in key); Santschi, 1929b: 58 (in key); Karavaiev, 1936: 263; Novák & Sadil, 1941: 108 (in key); Donisthorpe, 1950e: 1065; Ceballos, 1956: 317; Dlussky, 1962: 183; Samšiňák, 1964: 158; Baroni Urbani, 1964a: 8; Bernard, 1967: 281 (redescription); Collingwood & Yarrow, 1969: 86; Baroni Urbani, 1971c: 243; Collingwood, 1978: 92 (in key); Agosti & Collingwood, 1987b: 285 (in key); Agosti, 1990b: 1481; Bolton, 1995b: 135; Petrov, 2006: 110 (in key); Werner & Wiezik, 2007: 156; Casevitz-Weulersse & Galkowsky, 2009: 480; Legakis, 2011: 34; Borowiec, L. & Salata, 2012: 486; Kiran & Karaman, 2012: 9; Borowiec, L. 2014: 54; Lebas, *et al.* 2016: 166.

Current subspecies: nominal plus *aterrima*, *rockingeri*.

deserta. *Proformica deserta* Kuznetsov-Ugamsky, 1926a: 73, figs. 12-15 (w.) KAZAKHSTAN.
Collingwood, 1961a: 67 (m.); Collingwood, 1962: 222 (q.).
Status as species: Kuznetsov-Ugamsky, 1928a: 14; Collingwood, 1961a: 67;
Collingwood, 1961b: 289; Collingwood, 1962: 222.
Junior synonym of *emeryi*: Dlussky, Soyunov & Zabelin, 1990: 151; Bolton, 1995b: 135;
Radchenko, 1997c: 439.

desertorum. *Myrmecocystus viaticus* var. *desertorum* Forel, 1894c: 402 (in text) (w.) TUNISIA.
Karavaiev, 1912a: 17 (m.); Karavaiev, 1924: 306 (q.); Santschi, 1929b: 46 (q.m.).
Combination in *Myrmecocystus* (*Cataglyphis*): Santschi, 1910f: 234; Karavaiev, 1924:
306;
combination in *Cataglyphis*: Wheeler, W.M. 1922a: 944; Emery, 1925b: 265.
As unavailable (infrasubspecific) name: Santschi, 1929b: 45; Santschi, 1929c: 106; Finzi,
1930b: 16; Menozzi, 1932e: 454; Santschi, 1934f: 175; Finzi, 1936: 193; Santschi,
1936c: 210; Santschi, 1938a: 43; Finzi, 1940: 165; Hamann & Klemm, 1967: 419.
Subspecies of *viatica*: Forel, 1894b: 72; Forel, 1895d: 232; Emery, 1895a: 180; Emery,
1898c: 146; Forel, 1902a: 156; Mayr, 1904b: 10; Forel, 1904b: 381; Forel, 1904c: 12;
Ruzsky, 1905b: 429.

Subspecies of *bicolor*: Karavaiev, 1911: 10; Karavaiev, 1912a: 17; Karavaiev, 1924: 306;
Kuznetsov-Ugamsky, 1929b: 40; Menozzi, 1934: 157.

Status as species: Collingwood, 1985: 286; Borowiec, L. 2014: 54 (error).

Junior synonym of *bicolor*: Emery, 1906d: 58; Mayr, 1907a: 389; Forel, 1907e: 15;
Forel, 1908a: 15 (in text); Emery, 1908g: 217; Santschi, 1910f: 234; Wheeler, W.M.
1922a: 944; Emery, 1925b: 265.

Junior synonym of *viatica*: Agosti, 1990b: 1491; Bolton, 1995b: 135; Gratiashvili &
Barjadze, 2008: 132.

Junior synonym of *savignyi*: Cagniant, 2009: 51.

diehlii. *Myrmecocystus viaticus* r. *diehlii* Forel, 1902g: 462.

[First available use of *Myrmecocystus viaticus* r. *desertorum* var. *diehlii* Forel, 1902a:
156 (w.q.m.) ALGERIA; unavailable (infrasubspecific) name (Agosti, 1990b: 1489).]

Combination in *Myrmecocystus* (*Cataglyphis*): Forel, 1913d: 434;

combination in *Cataglyphis*: Emery, 1912f: 98; Emery, 1925b: 265;

combination in *C. Cataglyphis*: Santschi, 1929b: 51.

Subspecies of bicolor: Emery, 1906d: 58; Emery, 1908g: 217; Forel, 1909e: 384 (redescription); Karavaiev, 1912a: 17; Emery, 1925b: 265; Santschi, 1929b: 51; Stitz, 1932b: 737; Bernard, 1953a: 199; Cagniant, 1970c: 30.

Status as species: Forel, 1913d: 434; Collingwood, 1985: 287; Wehner, 1986: 108; Agosti, 1990b: 1489; Bolton, 1995b: 135; Collingwood & Agosti, 1996: 378; Cagniant, 2006a: 194; Cagniant, 2009: 50; Borowiec, L. 2014: 54.

dorica. *Cataglyphis (Monocombus) cursor* st. *helenica* var. *dorica* Santschi, 1929b: 35 (w.) GREECE (Crete I.); unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Agosti & Collingwood, 1987a: 61; Legakis, 2011: 34.

Material referred to *aenescens* by Borowiec, L. & Salata, 2013: 384 (in text).

Material referred to *cretica* by Salata & Borowiec, 2018c: 13.

douwesi. *Cataglyphis douwesi* De Haro & Collingwood, 2000: 59, figs. 1, 3, 5-7, 9-15 (w.q.m.) SPAIN.

Status as species: Borowiec, L. 2014: 54; Lebas, *et al.* 2016: 160.

drusa. *Cataglyphis bicolor* st. *nodus* var. *drusa* Santschi, 1929b: 44 (w.) SYRIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Santschi, 1934d: 281.

[*Cataglyphis druza* Tohmé, G. & Tohmé, 2014: 139 (attributed to Santschi); unavailable name (published after 1985.)]

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

dschambulica. *Cataglyphis setipes* subsp. *dschambulica* Tarbinsky, 1976: 200 (w.) KYRGYZSTAN.

Subspecies of *setipes*: Agosti, 1990b: 1490; Bolton, 1995b: 135.

Junior synonym of *setipes*: Radchenko, 1997c: 435.

elegantissima. *Cataglyphis (Eomonocombus) elegantissima* Arnol'di, 1968: 1815, figs. 13, 14 (w.) TURKMENISTAN.

[Misspelled as *eiegantissima* by Arnol'di, on same page.]

Status as species: Dlussky, Soyunov & Zabelin, 1990: 151; Agosti, 1990b: 1494; Bolton, 1995b: 135; Radchenko, 1997c: 427; Radchenko, 1998: 507 (in key).

emeryi. *Myrmecocystus emeryi* Karavaiev, 1910b: 34, figs. 11-13 (w.q.m.) TURKMENISTAN.

Combination in *Cataglyphis*: Emery, 1912f: 103;

combination in *C. (Monocombus)*: Santschi, 1929b: 37.

Status as species: Emery, 1925b: 264; Santschi, 1929b: 37; Collingwood, 1961a: 67; Collingwood, 1961b: 289; Dlussky, 1981a: 17; Agosti, 1990b: 1484; Dlussky, Soyunov & Zabelin, 1990: 151; Bolton, 1995b: 135; Radchenko, 1997c: 439; Radchenko, 1998: 502 (in key); Paknia, *et al.* 2008: 154; Guénard & Dunn, 2012: 30; Borowiec, L. 2014: 54; Sharaf, Collingwood & Aldawood, 2015: 107 (in key).

Senior synonym of abdominalis: Radchenko, 1997c: 439.

Senior synonym of deserta: Dlussky, Soyunov & Zabelin, 1990: 151; Bolton, 1995b: 135; Radchenko, 1997c: 439.

Senior synonym of karavaiewi: Radchenko, 1997c: 439.

Senior synonym of pilosulus: Dlussky, Soyunov & Zabelin, 1990: 151; Bolton, 1995b: 135; Radchenko, 1997c: 439.

emmae. *Formica (Proformica) emmae* Forel, 1909e: 381 (w.) ALGERIA.

Délye, 1964a: 21 (q.m.) (reissued in Délye, 1965: 52).

Combination in *Proformica*: Emery, 1912f: 103;
combination in *Formica (Paraformica)*: Forel, 1915b: 95;
combination in *Paraformica*: Emery, 1925b: 261;
combination in *Proformica (Paraformica)*: Kuznetsov-Ugamsky, 1928a: 8;
combination in *Cataglyphis (Paraformica)*: Santschi, 1929b: 30.
Status as species: Wheeler, W.M. 1913f: 547; Emery, 1925b: 261; Kuznetsov-Ugamsky, 1928a: 8; Santschi, 1929b: 57 (in key); Bernard, 1953a: 197; Délye, 1964a: 21; Délye, 1965: 52; Collingwood, 1985: 288; Agosti, 1990b: 1486; Bolton, 1995b: 135; Collingwood & Agosti, 1996: 378; Cagniant, 2006a: 194; Cagniant, 2009: 48; Vonshak, *et al.* 2009: 39; Collingwood, *et al.* 2011: 454; Borowiec, L. 2014: 54 (see note in bibliography).

Current subspecies: nominal plus *hoggarensis*.

***espadaleri*.** *Cataglyphis espadaleri* Cagniant, 2009: 56, figs. 13, 28, 42, 57 (w.q.m.) MOROCCO.

Status as species: Borowiec, L. 2014: 54.

***europaea*.** *Formica cephalotes* subsp. *europaea* Christ, 1791: 511, pl. 60, fig. 9 (w.) Europe (no state data).

Junior synonym of *viatica*: Emery, 1892b: 161; Dalla Torre, 1893: 218; Agosti, 1990b: 1491; Tinaut, 1990c: 50; Bolton, 1995b: 135.

[Note: for *cephalotes* in this combination, see under *Atta*.]

***fairmairei*.** *Cataglyphis fairmairei* Foerster, 1850b: 494 (m.) ALGERIA.

Junior synonym of *viatica*: Nylander, 1856b: 59; Smith, F. 1858b: 9; Mayr, 1861: 45 (in key); Smith, F. 1861a: 32; Mayr, 1863: 402; Roger, 1863b: 12; Dours, 1873: 166; André, 1874: 202 (in list).

Junior synonym of *megalocola*: Emery & Forel, 1879: 449; Dalla Torre, 1893: 217; Emery, 1925b: 266.

Junior synonym of *bicolor*: Santschi, 1929b: 41; Agosti, 1990b: 1487; Bolton, 1995b: 134.

***fezzanensis*.** *Cataglyphis albicans* var. *fezzanensis* Bernard, 1948: 163 (w.q.m.) LIBYA.

Subspecies of *albicans*: Agosti, 1990b: 1492; Bolton, 1995b: 135.

***fisheri*.** *Cataglyphis fisheri* Sharaf & Aldawood, in Sharaf, Collingwood & Aldawood, 2015: 104, figs 1-3 (w.) UNITED ARAB EMIRATES.

flavicornis Kuznetsov-Ugamsky, 1926; see under ***ALLOFORMICA***.

***flavigastra*.** *Myrmecocystus (Cataglyphis) cursor* subsp. *aenescens* var. *flavigastra* Karavaiev, 1924: 303 (q.m.) UZBEKISTAN; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Karavaiev, 1927c: 287 (in key); Santschi, 1929b: 58 (in key); Karavaiev, 1936: 265.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

Material referred to *aenescens* by Dlussky, Soyunov & Zabelin, 1990: 149.

***flavitibia*.** *Cataglyphis flavitibia* Chang & He, 2002b: 62, figs. 3, 4 (w.) CHINA (Qinghai).

Status as species: Guénard & Dunn, 2012: 30.

***flavobrunnea*.** *Cataglyphis flavobrunneus* Collingwood & Agosti, 1996: 378, fig. 41 (w.) OMAN.

Status as species: Collingwood, *et al.* 2011: 454; Borowiec, L. 2014: 55; Sharaf, Collingwood & Aldawood, 2015: 110 (redescription).

***floricola*.** *Cataglyphis floricola* Tinaut, 1993: 125, figs. 1-4 (w.q.m.) SPAIN.

[*Cataglyphis floricola* Cerda, *et al.* 1992: 315. *Nomen nudum*.]

Status as species: Bolton, 1995b: 135; Borowiec, L. 2014: 55; Lebas, *et al.* 2016: 168.

***foreli*.** *Myrmecocystus foreli* Ruzsky, 1903a: 36 (w.) TURKMENISTAN.

Arnol'di, 1964: 1813 (q.m.).

Combination in *Cataglyphis*: Emery, 1912f: 104;

combination in *C. (Monocombus)*: Santschi, 1929b: 29.

Subspecies of *altisquamis*: Forel, 1904b: 382; Ruzsky, 1905b: 437; Emery, 1906d: 57; Emery, 1908g: 216; Karavaiev, 1910b: 39.

Status as species: Emery, 1912f: 104; Ruzsky, 1923: 2; Emery, 1925b: 266; Santschi, 1929b: 59 (in key); Arnol'di, 1964: 1812; Pisarski, 1967: 418; Pisarski, 1970: 324; Dlussky, 1981a: 18; Dlussky, Soyunov & Zabelin, 1990: 151; Agosti, 1990b: 1483; Bolton, 1995b: 135; Radchenko, 1997c: 430; Radchenko, 1998: 506 (in key); Paknia, *et al.* 2008: 154; Borowiec, L. 2014: 55; Khalili-Moghadam, *et al.* 2019: 168.

***fortis*.** *Myrmecocystus albicans* var. *fortis* Forel, 1902a: 156 (w.) ALGERIA.

[Also described as new by Forel, 1903b: 455.]

Wehner, 1983: 95 (q.m.).

Combination in *Cataglyphis*: Emery, 1925b: 262.

As unavailable (infrasubspecific) name: Emery, 1906d: 52.

Subspecies of *albicans*: Karavaiev, 1912a: 15; Emery, 1925b: 262; Santschi, 1929b: 61 (in key); Cagniant, 1970c: 30.

Status as species: Wehner, 1983: 95; Agosti, 1990b: 1494; Bolton, 1995b: 135; Borowiec, L. 2014: 55; Aneed, *et al.* 2018: 64 (redescription).

Senior synonym of *halophila*: Wehner, 1983: 95; Agosti, 1990b: 1494; Bolton, 1995b: 135.

***fossilis*.** *Cataglyphis fossilis* Cagniant, 2009: 61, figs. 18, 34, 46, 59 (w.q.m.) MOROCCO.

Status as species: Borowiec, L. 2014: 55.

***franchetti*.** *Cataglyphis albicans* subsp. *franchetti* Menozzi, 1931a: 155, fig. (w.) ETHIOPIA.

Subspecies of *albicans*: Finzi, 1939a: 166; Agosti, 1990b: 1492; Bolton, 1995b: 135.

***frigida*.** *Myrmecocystus cursor* var. *frigidus* André, 1881b: 59 (in text) (w.) SYRIA.

Tohmé, H. & Tohmé, G. 1985: 84 (q.m.l.).

Combination in *Cataglyphis*: Emery, 1912f: 103;

combination in *C. (Monocombus)*: Santschi, 1929b: 29.

Subspecies of *cursor*: André, 1882b: 170 (in key); Dalla Torre, 1893: 217; Ruzsky, 1905b: 453.

Status as species: Emery, 1906d: 49; Emery, 1925b: 264; Santschi, 1929b: 57 (in key); Tohmé, H. & Tohmé, G. 1985: 84; Kugler, J. 1988: 259; Agosti, 1990b: 1482; Bolton, 1995b: 135; Radchenko, 1997c: 438; Radchenko, 1998: 503 (in key); Vonshak, *et al.* 2009: 39; Kiran & Karaman, 2012: 9; Borowiec, L. 2014: 55 (see note in bibliography); Tohmé, G. & Tohmé, 2014: 139.

Current subspecies: nominal plus *persica*.

***gadeai*.** *Cataglyphis gadeai* De Haro & Collingwood, 2003: 21, figs. 1-12 (w.q.m.) SPAIN.

Status as species: Borowiec, L. 2014: 55; Lebas, *et al.* 2016: 160.

***gaetula*.** *Cataglyphis (Monocombus) gaetula* Santschi, 1929b: 33, figs. 20, 22, 29 (w.q.m.) MOROCCO.

Status as species: Agosti, 1990b: 1483; Bolton, 1995b: 135; Cagniant, 2006a: 195; Cagniant, 2009: 48; Borowiec, L. 2014: 55.

georgica. *Cataglyphis (Monocombus) aenescens* subsp. *georgica* Arnol'di, 1968: 1816, figs. 15, 16, 17a (q.m.) GEORGIA.

Subspecies of *aenescens*: Agosti, 1990b: 1480; Bolton, 1995b: 135.

Junior synonym of *aenescens*: Radchenko, 1997c: 437; Gratiashvili & Barjadze, 2008: 132; Radchenko, 2016: 318.

glabilabia. *Cataglyphis glabilabia* Chang & He, 2002b: 62, figs. 1, 2 (w.) CHINA (Gansu).

Status as species: Guénard & Dunn, 2012: 30.

gracilens. *Cataglyphis gracilens* Santschi, 1929b: 65.

[First available use of *Myrmecocystus altisquamis* subsp. *foreli* var. *gracilens* Ruzsky, 1905b: 439 (w.) TURKMENISTAN; unavailable (infrasubspecific) name (Agosti, 1990b: 1483).]

As unavailable (infrasubspecific) name: Emery, 1906d: 56; Emery, 1908g: 216; Emery, 1925b: 264; Santschi, 1929b: 54.

Status as species: Agosti, 1990b: 1483; Bolton, 1995b: 135.

halophila. *Cataglyphis halophila* Bernard, 1954: 48, figs. c, f, h (w.) ALGERIA.

Junior synonym of *fortis*: Wehner, 1983: 95; Agosti, 1990b: 1494; Bolton, 1995b: 135.

hannae. *Cataglyphis hannae* Agosti, 1994b: 914, fig. 1 (q.m.) TUNISIA.

Status as species: Bolton, 1995b: 135; Cagniant, 2006a: 195; Cagniant, 2009: 49; Borowiec, L. 2014: 56.

harteni. *Cataglyphis harteni* Collingwood & Agosti, 1996: 379, fig. 42 (w.) YEMEN.

Status as species: Borowiec, L. 2014: 56.

helanensis. *Cataglyphis helanensis* Chang & He, 2002b: 63, figs. 7, 8 (w.) CHINA (Ningxia).

Status as species: Guénard & Dunn, 2012: 30.

helladica. *Cataglyphis (Cataglyphis) bicolor* st. *nodus* var. *helladica* Santschi, 1934d: 281 (w.) GREECE; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Agosti & Collingwood, 1987a: 61; Legakis, 2011: 34.

hellenicus. *Myrmecocystus cursor* var. *hellenicus* Forel, 1886f: 204 (w.) GREECE.

Combination in *Cataglyphis*: Müller, 1923b: 150;

combination in *C. (Monocombus)*: Santschi, 1929b: 35.

Subspecies of *cursor*: Dalla Torre, 1893: 217; Emery, 1906d: 48; Emery, 1925b: 263; Santschi, 1929b: 35.

Status as species: Agosti & Collingwood, 1987a: 59; Agosti & Collingwood, 1987b: 285 (in key); Agosti, 1990b: 1482; Bolton, 1995b: 135; Petrov, 2006: 110 (in key); Legakis, 2011: 34; Borowiec, L. & Salata, 2012: 486.

Junior synonym of *aenescens*: Borowiec, L. & Salata, 2013: 384 (in text).

hispanica. *Myrmecocystus viaticus* subsp. *hispanicus* Emery, 1906d: 57.

[First available use of *Myrmecocystus viaticus* r. *niger* var. *hispanica* Forel, 1903c: 267 (w.) SPAIN; unavailable (infrasubspecific) name (Agosti, 1990b: 1483).]

Tinaut, 1991: 218 (q.m.).

Combination in *Cataglyphis*: Santschi, 1919e: 246;

combination in *C. (Monocombus)*: Santschi, 1929b: 29.

Subspecies of viatica: Emery, 1908g: 216; Stitz, 1917: 348; Santschi, 1919e: 246; Menozzi, 1922b: 332; Emery, 1925b: 266; Santschi, 1925g: 356; Ceballos, 1956: 318.

Status as species: Santschi, 1929b: 29; Santschi, 1931a: 13; Santschi, 1932c: 73; Santschi, 1932g: 5; Collingwood & Yarrow, 1969: 86; Collingwood, 1978: 92 (in key);

Agosti, 1990b: 1483; Tinaut, 1991: 217 (redescription); Bolton, 1995b: 135; Collingwood & Prince, 1998: 28 (in key); Borowiec, L. 2014: 56; Lebas, *et al.* 2016: 162.

Senior synonym of nigroides: Tinaut, 1991: 220 (in text); Bolton, 1995b: 135.

hispidus. *Cataglyphis hispidus* Menozzi, in Eidmann, 1942: 255 (w.) PAKISTAN. *Nomen nudum.*

hoggarensis. *Cataglyphis (Paraformica) emmae* var. *hoggarensis* Santschi, 1929b: 53 (footnote) (w.) ALGERIA.

[Also described as new by Santschi, 1929c: 106, and by Santschi, 1934f: 174.]

Subspecies of emmae: Agosti, 1990b: 1486; Bolton, 1995b: 135; Cagniant, 2009: 48.

holgerseni. *Cataglyphis holgerseni* Collingwood & Agosti, 1996: 379 (w.) ISRAEL.

Status as species: Vonshak, *et al.* 2009: 39; Borowiec, L. 2014: 56; Sharaf, Fisher, *et al.* 2018: 4.

humeya. *Cataglyphis humeya* Tinaut, 1991: 220, figs. 4, 5, 7 (w.q.m.) SPAIN.

Status as species: Bolton, 1995b: 135; Borowiec, L. 2014: 56; Lebas, *et al.* 2016: 162.

iberica. *Myrmecocystus albicans* subsp. *ibericus* Emery, 1906d: 52, fig. 12 (w.m.) SPAIN, PORTUGAL.

Combination in *Cataglyphis*: Emery, 1912f: 99.

Subspecies of albicans: Santschi, 1919e: 246; Menozzi, 1922b: 332; Emery, 1925b: 262; Santschi, 1925g: 355; Santschi, 1929b: 60 (in key); Santschi, 1932c: 74; Santschi, 1932g: 5; Ceballos, 1956: 317.

Status as species: Collingwood & Yarrow, 1969: 85; Collingwood, 1978: 92 (in key); Agosti, 1990b: 1494; Tinaut & Plaza, 1990: 196; Bolton, 1995b: 135; Espadaler, 1997b: 27; Collingwood & Prince, 1998: 26 (in key); Borowiec, L. 2014: 56; Lebas, *et al.* 2016: 160.

indica. *Cataglyphis indica* Pisarski, 1961b: 515, figs. 1-3 (w.) INDIA (Maharashtra).

Status as species: Agosti, 1990b: 1489; Bolton, 1995b: 135; Radchenko, 1997c: 432; Radchenko, 1998: 505 (in key); Wachkoo & Bharti, 2015a: 9 (in key); Bharti, Guénard, *et al.* 2016: 27.

isis. *Myrmecocystus (Cataglyphis) diehlii* var. *isis* Forel, 1913d: 434.

[First available use of *Myrmecocystus viaticus* subsp. *diehlii* var. *isis* Forel, 1909e: 385 (w.) EGYPT; unavailable (infrasubspecific) name (Agosti, 1990b: 1489).]

Combination in *Cataglyphis*: Emery, 1925b: 265.

As unavailable (infrasubspecific) name: Emery, 1925b: 265; Santschi, 1929b: 50; Stitz, 1932b: 737; Finzi, 1936: 193.

Subspecies of diehlii: Pisarski, 1965: 421.

Status as species: Collingwood, 1985: 288; Kugler, J. 1988: 259; Agosti, 1990b: 1489; Bolton, 1995b: 135; Collingwood & Agosti, 1996: 381; Radchenko, 1997c: 431; Radchenko, 1998: 505 (in key); Vonshak, *et al.* 2009: 39; Collingwood, *et al.* 2011: 454; Borowiec, L. 2014: 56.

Senior synonym of protuberata: Radchenko, 1997c: 431; Radchenko, 1998: 505 (in key).

italica. *Myrmecocystus cursor* subsp. *italicus* Emery, 1906d: 48, fig. 5 (w.) ITALY.

Emery, 1914e: 3 (q.m.).

Combination in *Cataglyphis*: Emery, 1914e: 2.

Subspecies of cursor: Emery, 1914e: 3; Emery, 1916b: 267; Emery, 1925b: 264; Santschi, 1929b: 58 (in key); Baroni Urbani, 1971c: 244.

Junior synonym of *cursor*: Bernard, 1967: 281.

Status as species: Agosti & Collingwood, 1987b: 262, 285 (in key); Agosti, 1990b: 1482; Bolton, 1995b: 136; Poldi, *et al.* 1995: 9; Petrov, 2006: 110 (in key); Borowiec, L. 2014: 57; Lebas, *et al.* 2016: 166.

jakobsoni. *Myrmecocystus altisquamis* var. *jakobsoni* Ruzsky, 1905b: 436 (w.) UZBEKISTAN.

[Misspelled as *jacobsoni* by Santschi, 1929b: 58 (in key); misspelled as *jacobsoni* by Stärcke, 1935: 269.]

Karavaiev, 1910b: 22 (m.).

Combination in *Cataglyphis*: Emery, 1925b: 264.

As unavailable (infrasubspecific) name: Emery, 1906d: 56; Emery, 1908g: 216.

Subspecies of *cursor*: Karavaiev, 1910b: 21; Ruzsky, 1923: 2; Emery, 1925b: 264; Santschi, 1929b: 58; Stärcke, 1935: 269.

Subspecies of *aenescens*: Pisarski, 1967: 417; Agosti, 1990b: 1481.

Status as species: Pisarski, 1970: 323.

Junior synonym of *aenescens*: Dlussky, Soyunov & Zabelin, 1990: 149; Bolton, 1995b: 136; Radchenko, 1997c: 437; Radchenko, 2016: 318.

kairuana. *Cataglyphis albicans* var. *kairuana* Santschi, 1912c: 149 (w.) TUNISIA.

Subspecies of *albicans*: Emery, 1925b: 262; Santschi, 1929b: 61 (in key); Agosti, 1990b: 1492; Bolton, 1995b: 136.

karakalensis. *Cataglyphis setipes* subsp. *karakalensis* Arnol'di, 1964: 1805, fig. 5 (w.m.) TURKMENISTAN.

Subspecies of *setipes*: Pisarski, 1967: 419; Pisarski, 1970: 325; Agosti, 1990b: 1490.

Status as species: Dlussky, Soyunov & Zabelin, 1990: 152; Bolton, 1995b: 136.

Junior synoynm of *bergiana*: Radchenko, 1997c: 434; Radchenko, 1998: 504 (in key).

karavaiewi. *Cataglyphis karavaiewi* Santschi, 1925g: 354 (w.) TURKMENISTAN.

[Misspelled as *karawaiewi* by Santschi, 1929b: 37, Agosti, 1990b: 1484.]

Subspecies of *emeryi*: Santschi, 1929b: 37; Agosti, 1990b: 1484; Bolton, 1995b: 136.

Junior synonym of *emeryi*: Radchenko, 1997c: 439.

kuenlunensis. *Cataglyphis (Monocombus) cursor* subsp. *aenescens* var. *kuenlunensis* Stärcke, 1935: 269 (w.) CHINA (Xinjiang); unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Weber, 1943c: 342 (in list).

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

Material referred to *aenescens* by Radchenko, 1997c: 437.

kurdistanica. *Cataglyphis kurdistanicus* Pisarski, 1965: 417, figs. 1-10 (s.w.) IRAQ.

Status as species: Aktaç, 1977: 128; Agosti, 1990b: 1483; Bolton, 1995b: 136; Radchenko, 1997c: 430; Radchenko, 1998: 506 (in key); Paknia, *et al.* 2010: 32; Kiran & Karaman, 2012: 9; Borowiec, L. 2014: 57; Khalili-Moghadam, *et al.* 2019: 168.

laevior. *Cataglyphis bicolor* var. *laevior* Emery, 1925b: 265.

[First available use of *Myrmecocystus viaticus* r. *bicolor* var. *laevior* Stitz, 1917: 348 (w.) ALGERIA; unavailable (infrasubspecific) name (Agosti, 1990b: 1489).]

Subspecies of *bicolor*: Santschi, 1929b: 47; Santschi, 1932f: 518; Donisthorpe, 1950e: 1066.

Status as species: Collingwood, 1985: 288; Agosti, 1990b: 1489; Bolton, 1995b: 136; Collingwood & Agosti, 1996: 381; Collingwood, *et al.* 2011: 454; Kiran & Karaman, 2012: 9; Borowiec, L. 2014: 57.

lameerei. *Myrmecocystus lameerei* Forel, 1902a: 156 (w.q.) ALGERIA.

Junior synonym of *lucasi*: Emery, in Forel, 1902g: 463; Emery, 1925b: 266; Santschi, 1929b: 54; Bernard, 1953a: 202; Agosti, 1990b: 1485; Bolton, 1995b: 136.

Junior synonym of *bombycina*: Cagniant, 2006a: 194 (by implication).

laylae. *Cataglyphis laylae* Collingwood, in Collingwood, *et al.* 2011: 458, pl. 96-103 (w.) UNITED ARAB EMIRATES, SAUDI ARABIA, OMAN.

Status as species: Borowiec, L. 2014: 57.

Junior synonym of *saharae*: Sharaf, Collingwood & Aldawood, 2015: 113.

livida. *Myrmecocystus albicans* var. *lividus* André, 1881b: 58 (in text) (w.) ISRAEL. Menozzi, 1933b: 84 (q.m.).

Combination in *Myrmecocystus* (*Cataglyphis*): Santschi, 1910f: 234; combination in *Cataglyphis*: Wheeler, W.M. & Mann, 1916: 173.

Subspecies of *albicans*: André, 1882b: 168 (in key); Dalla Torre, 1893: 216; Emery, 1893f: 257; Forel, 1902a: 156; Forel, 1904b: 383; Emery, 1906d: 54; Forel, 1906c: 189; Forel, 1909e: 384; Forel, 1910a: 13; Santschi, 1910f: 234; Forel, 1911f: 280; Forel, 1911h: 458; Karavaiev, 1911: 10; Karavaiev, 1912a: 16; Wheeler, W.M. & Mann, 1916: 173; Stitz, 1917: 348; Santschi, 1921d: 72; Viehmeyer, 1923: 93; Karavaiev, 1924: 305; Emery, 1925b: 262; Menozzi, 1927g: 380; Santschi, 1929b: 40; Santschi, 1929c: 107; Menozzi, 1929e: 128; Stitz, 1932b: 737; Santschi, 1932f: 518; Menozzi, 1933b: 84; Santschi, 1934d: 281; Finzi, 1936: 192; Bernard, 1948: 163; Donisthorpe, 1950e: 1065; Bernard, 1953a: 201; Délye, 1960: 264.

Status as species: Arnol'di, 1964: 1810; Pisarski, 1965: 420; Pisarski, 1967: 418; Pisarski, 1970: 324; Aktaç, 1977: 128; Collingwood, 1985: 290; Kugler, J. 1988: 259; Agosti, 1990b: 1494; Arakelian, 1994: 106; Bolton, 1995b: 136; Collingwood & Agosti, 1996: 381; Radchenko, 1997c: 428; Radchenko, 1998: 506 (in key); Mohamed, Zalat, *et al.* 2001: 45; Paknia, *et al.* 2008: 154; Vonshak, *et al.* 2009: 39; Lapeva-Gjonova, *et al.* 2010: 58; Collingwood, *et al.* 2011: 458; Kiran & Karaman, 2012: 9; Sharaf, Abdel-Dayem, *et al.* 2013: 570; Borowiec, L. 2014: 57.

Senior synonym of *bulgarica*: Radchenko, 1997c: 428.

Senior synonym of *lutea*: Radchenko, 1997c: 428.

Senior synonym of *mixtus*: Radchenko, 1997c: 428; Kiran & Karaman, 2012: 9.

longipedem. *Formica longipedem* Eichwald, 1841: 224 (w.) TURKMENISTAN (“Hab. in arenosis Krasnowodskiensibus”).

[Misspelled as *longipedum* by Donisthorpe, 1941k: 240.]

As unavailable (infrasubspecific) name: Donisthorpe, 1941k: 240.

Status as species: Kolossov, 1932: 118; Bolton, 1995b: 136; Bharti, Guénard, *et al.* 2016: 27.

Synonym of *turcomanica*: Kolossov, 1932: 118; Agosti, 1990b: 1490.

[Note: Kolossov, and Agosti, give *turcomanica* as senior synonym, but *longipedem* has priority.]

Senior synonym of *turcomanica*: Bolton, 1995b: 136.

Synonym of *setipes*: Radchenko, 1997c: 435.

[Note: Radchenko gives *setipes* as senior synonym, but *longipedem* has priority.]

Unidentifiable taxon, *incertae sedis* in *Cataglyphis*: Wachkoo & Bharti, 2015a: 2 (in text; attributed to Radchenko & Tinaut, unpublished).

lucasi. *Myrmecocystus lucasi* Emery, 1898c: 147 (w.) TUNISIA.

Bernard, 1953a: 203 (m.).

Combination in *Cataglyphis*: Emery, 1912f: 104;

combination in *C. (Machaeromyrma)*: Santschi, 1929b: 30.

Status as species: Emery, 1906d: 60; Emery, 1925b: 266; Santschi, 1929b: 60 (in key); Bernard, 1948: 164; Bernard, 1953a: 202; Agosti, 1990b: 1485; Bolton, 1995b: 136; Borowiec, L. 2014: 57 (error).

Junior synonym of *bombycinus*: Cagniant, 2006a: 194.

lunatica. *Cataglyphis (Cataglyphis) lunatica* Baroni Urbani, 1969d: 213, figs. 1, 2, 3 (w.) TURKEY.

Status as species: Agosti, 1990b: 1489; Bolton, 1995b: 136; Radchenko, 1997c: 432; Radchenko, 1998: 504 (in key); Kiran & Karaman, 2012: 9; Borowiec, L. 2014: 57.

lutea. *Cataglyphis albicans* subsp. *lutea* Weber, 1952c: 25.

[First available use of *Myrmecocystus albicans* subsp. *viaticoides* var. *lutea* Emery, 1906d: 53 (w.) IRAN; unavailable (infrasubspecific) name (Agosti, 1990b: 1491).]

As unavailable (infrasubspecific) name: Crawley, 1920b: 177; Emery, 1925b: 263; Santschi, 1929b: 62 (in key).

Subspecies of *livida*: Pisarski, 1965: 420; Pisarski, 1967: 418; Pisarski, 1970: 324; Agosti, 1990b: 1494; Bolton, 1995b: 136.

Junior synonym of *livida*: Radchenko, 1997c: 428.

machmal. *Cataglyphis machmal* Radchenko & Arakelian, 1991: 73, figs. 3-5 (w.) ARMENIA.

Status as species: Arakelian, 1994: 106; Bolton, 1995b: 136; Radchenko, 1998: 505 (in key); Borowiec, L. 2014: 58.

maeotica. *Cataglyphis (Monocombus) cursor* subsp. *aenescens* var. *maeotica* Karavaiev, 1935b:

110 (m.) UKRAINE; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

Material referred to *aenescens* by Radchenko, 1997c: 437.

marroui. *Cataglyphis marroui* Cagniant, 2009: 57, figs. 14, 30, 43 (w.q.m.) MOROCCO.

Status as species: Borowiec, L. 2014: 58.

mauritanica. *Myrmecocystus viaticus* subsp. *mauritanicus* Emery, 1906d: 57, figs. 23-26 (w.m.) TUNISIA, ALGERIA, MOROCCO.

Santschi, 1929b: 31 (q.).

Combination in *Cataglyphis*: Emery, 1912f: 98;

combination in *C. (Monocombus)*: Santschi, 1929b: 29.

Subspecies of viatica: Emery, 1908g: 216; Emery, 1925b: 266; Santschi, 1929b: 31; Santschi, 1939c: 5; Cagniant, 1964: 93.

Status as species: Agosti, 1990b: 1483; Wehner, *et al.* 1994: 168; Bolton, 1995b: 136; Cagniant, 2006a: 195; Cagniant, 2009: 48; Borowiec, L. 2014: 58 (see note in bibliography).

Current subspecies: nominal plus *occidentalis*, *tonsilis*.

megalocola. *Formica megalocola* Foerster, 1850b: 490 (w.) ALGERIA.

[Misspelled as *megalochola* by Smith, F. 1861a: 32.]

Emery, 1891b: 16 (q.m.).

Combination in *Myrmecocystus*: Emery & Forel, 1879: 449; Forel, 1890a: lxvii; combination in *Cataglyphis*: Roger, 1863b: 12; Mayr, 1863: 402; Emery, 1912f: 98; Emery, 1925b: 265.

As unavailable (infrasubspecific) name: Stitz, 1917: 348.

Subspecies of *viatica*: Emery & Forel, 1879: 449; Emery, 1880: 389; André, 1882b: 167 (in key); Emery, 1884a: 376; Forel, 1890a: lxvii; Emery, 1891b: 16; Forel, 1892i: 306;

Emery, in Dalla Torre, 1893: 218 (footnote); Forel, 1894d: 9; Ruzsky, 1905b: 435; Forel, 1907e: 15; Forel, 1909e: 377.

Status as species: Dalla Torre, 1893: 217.

Subspecies of *bicolor*: Emery, 1906d: 58; Emery, 1908g: 217; Karavaiev, 1912a: 17; Emery, 1925b: 265; Donisthorpe, 1950e: 1066.

Junior synonym of *viatica*: Mayr, 1855: 382; Nylander, 1856b: 59; Smith, F. 1858b: 9; Smith, F. 1861a: 32; Mayr, 1863: 402; Roger, 1863b: 12; André, 1874: 202 (in list).

Junior synonym of *nodus*: Agosti & Collingwood, 1987a: 59.

Junior synonym of *bicolor*: Mayr, 1855: 382; Santschi, 1929b: 41; Agosti, 1990b: 1486; Bolton, 1995b: 136.

mesasiatica. *Cataglyphis nodus* subsp. *mesasiatica* Arnol'di, 1964: 1803, figs. 1, 3 (w.m.) TURKMENISTAN.

Subspecies of *nodus*: Agosti, 1990b: 1490.

Junior synonym of *nodus*: Dlussky, Soyunov & Zabelin, 1990: 153; Bolton, 1995b: 136; Radchenko, 1997c: 433.

minima. *Cataglyphis minima* Collingwood, 1985: 289, fig. 75 (w.q.) SAUDI ARABIA.

Status as species: Agosti, 1990b: 1494; Bolton, 1995b: 136; Collingwood & Agosti, 1996: 381; Mohamed, Zalat, *et al.* 2001: 45; Collingwood, *et al.* 2011: 458; Sharaf, Abdel-Dayem, *et al.* 2013: 572; Borowiec, L. 2014: 58.

mixtus. *Myrmecocystus albicans* var. *mixtus* Forel, 1895d: 229 (w.) TURKEY.

Combination in *M. (Cataglyphis)*: Forel, 1911d: 354;

combination in *Cataglyphis*: Emery, 1925b: 263.

As unavailable (infrasubspecific) name: Emery, 1906d: 53; Emery, 1925b: 263; Santschi, 1929b: 62 (in key); Santschi, 1934d: 281.

Subspecies of *albicans*: Forel, 1911d: 354; Agosti, 1990b: 1492; Bolton, 1995b: 136.

Junior synonym of *livida*: Radchenko, 1997c: 428; Kiran & Karaman, 2012: 9.

murgabica. *Cataglyphis foreli* subsp. *murgabica* Arnol'di, 1964: 1814 (w.) TURKMENISTAN.

Subspecies of *foreli*: Agosti, 1990b: 1483; Bolton, 1995b: 136.

Junior synonym of *piligera*: Dlussky, Soyunov & Zabelin, 1990: 154; Radchenko, 1997c: 429.

nigra. *Myrmecocystus viaticus* var. *niger* André, 1881b: 56 (w.) ISRAEL.

Forel, 1913d: 434 (q.).

Combination in *M. (Cataglyphis)*: Forel, 1913d: 434;

combination in *Cataglyphis*: Emery, 1925b: 265;

combination in *C. (Cataglyphis)*: Santschi, 1929b: 50.

As unavailable (infrasubspecific) name: Emery, 1906d: 58; Forel, 1908a: 14; Emery, 1908g: 217; Wheeler, W.M. & Mann, 1916: 173.

Subspecies of *viatica*: André, 1882b: 167 (in key); Emery, 1891b: 16; Dalla Torre, 1893: 219; Emery, 1898c: 126; Forel, 1903c: 267; Forel, 1904b: 382; Forel, 1910a: 13; Forel, 1911h: 458; Forel, 1913d: 434; Tinaut, 1991: 216.

Subspecies of *bicolor*: Forel, 1908a: 15; Emery, 1924a: 9; Emery, 1925b: 265; Menozzi, 1927f: 380; Menozzi, 1927g: 380; Santschi, 1929b: 50; Menozzi, 1929e: 128; Finzi, 1930c: 24; Menozzi, 1933b: 86; Menozzi, 1934: 166; Santschi, 1934d: 282; Finzi, 1936: 193.

Status as species: Collingwood, 1985: 290; Kugler, J. 1988: 259; Agosti, 1990b: 1489; Bolton, 1995b: 136; Collingwood & Agosti, 1996: 381; Radchenko, 1997c: 432;

Radchenko, 1998: 505 (in key); Mohamed, Zalat, *et al.* 2001: 45; Paknia, *et al.* 2008: 154; Vonshak, *et al.* 2009: 39; Collingwood, *et al.* 2011: 458; Sharaf, Abdel-Dayem, *et al.* 2013: 572; Borowiec, L. 2014: 58.

nigripes. *Cataglyphis setipes* subsp. *nigripes* Arnol'di, 1964: 1806.

[First available use of *Cataglyphis bicolor* st. *setipes* var. *nigripes* Santschi, 1929b: 50 (w.m.) GEORGIA; unavailable (infrasubspecific) name (Agosti, 1990b: 1486).]

Status as species: Agosti, 1990b: 1486; Arakelian, 1994: 107; Bolton, 1995b: 136; Radchenko, 1997c: 439; Radchenko, 1998: 504 (in key); Gratiashvili & Barjadze, 2008: 132; Paknia, *et al.* 2008: 154; Borowiec, L. 2014: 58; Khalili-Moghadam, *et al.* 2019: 168.

nigroides. *Cataglyphis (Monocombus) hispanica* var. *nigroides* Santschi, 1929b: 59 (in key).

[First available use of *Cataglyphis viaticus* st. *hispanicus* var. *nigroides* Santschi, 1925g: 356 (w.) PORTUGAL; unavailable (infrasubspecific) name (Agosti, 1990b: 1483).]

Subspecies of *hispanica*: Santschi, 1932g: 5; Agosti, 1990b: 1483.

Junior synonym of *hispanica*: Tinaut: 1991: 220 (in text); Bolton, 1995b: 136.

nodus. *Formica nodus* Brullé, 1833: 326, pl. 48, fig. 1 (w.) GREECE.

[Misspelled as *nuda* by Santschi, 1929b: 50 (in text), Santschi, 1933b: 108; misspelled as *nobus* by Arnol'di, 1948: 212 (in list).]

Combination in *Cataglyphis*: Mayr, 1861: 44;

combination in *Myrmecocystus*: Emery & Forel, 1879: 449.

Junior synonym of *viatica*: Roger, 1861b: 163; Mayr, 1861: 44 (in key); Mayr, 1863: 402; Roger, 1863b: 12; André, 1874: 202 (in list); Emery & Forel, 1879: 449; Dalla Torre, 1893: 218.

Subspecies of bicolor: Emery, 1925b: 265; Soudek, 1925b: 15; Santschi, 1926f: 290; Menozzi, 1927e: 119; Finzi, 1928c: 791; Menozzi, 1929e: 128; Santschi, 1929b: 43; Santschi, 1929c: 106; Finzi, 1930d: 317; Santschi, 1931a: 13; Santschi, 1932f: 520; Menozzi, 1932e: 454; Santschi, 1933b: 108; Menozzi, 1933b: 86; Santschi, 1934d: 281; Grandi, 1935: 104; Zimmermann, 1935: 54; Finzi, 1936: 192; Santschi, 1936c: 210; Menozzi, 1936d: 305; Finzi, 1939c: 160; Santschi, 1939c: 7; Menozzi, 1940: 271; Finzi, 1940: 165; Arnol'di, 1948: 212 (in list); Bernard, 1948: 162; Bernard, 1950b: 292; Donisthorpe, 1950e: 1065; Bernard, 1953a: 199; Délye, 1960: 261; Hamann & Klemm, 1967: 419; Cagniant, 1970c: 30.

Junior synonym of *bicolor*: Wehner, *et al.* 1983: 7.

Status as species: Arnol'di, 1964: 1802; Pisarski, 1965: 421; Aktaç, 1977: 128; Collingwood, 1985: 290; Agosti & Collingwood, 1987a: 59; Agosti & Collingwood, 1987b: 284 (in key); Agosti, 1990b: 1489; Dlussky, Soyunov & Zabelin, 1990: 153; Atanassov & Dlussky, 1992: 291; Collingwood, 1993b: 195; Arakelian, 1994: 108; Bolton, 1995b: 136; Radchenko, 1997c: 433; Gallé, *et al.* 1998: 217; Radchenko, 1998: 505 (in key); Csösz, & Markó, 2005: 234; Bračko, 2006: 146; Markó, Sipos, *et al.* 2006: 67; Petrov, 2006: 110 (in key); Werner & Wiezik, 2007: 143; Gratiashvili & Barjadze, 2008: 132; Paknia, *et al.* 2008: 154; Lush, 2009: 116; Lapeva-Gjonova, *et al.* 2010: 58; Collingwood, *et al.* 2011: 462; Csösz, *et al.* 2011: 59; Legakis, 2011: 34; Karaman, M.G. 2011b: 75; Borowiec, L. & Salata, 2012: 486; Kiran & Karaman, 2012: 9; Borowiec, L. & Salata, 2013: 383; Borowiec, L. 2014: 58; Bračko, *et al.* 2014: 19; Lebas, *et al.* 2016: 164; Borowiec, L. & Salata, 2018: 5; Salata & Borowiec, 2018c: 44; Seifert, 2018: 298; Khalili-Moghadam, *et al.* 2019: 169.

Senior synonym of *caucasicola*: Dlussky, Soyunov & Zabelin, 1990: 153; Arakelian, 1994: 108; Bolton, 1995b: 136; Radchenko, 1997c: 433; Gratiashvili & Barjadze, 2008: 132.

Senior synonym of *mesasiatica*: Dlussky, Soyunov & Zabelin, 1990: 153; Bolton, 1995b: 136; Radchenko, 1997c: 433.

Senior synonym of *orientalis*: Emery, 1925b: 265; Finzi, 1928c: 791; Santschi, 1929b: 43; Finzi, 1930d: 317; Donisthorpe, 1950e: 1065; Pisarski, 1965: 421; Agosti, 1990b: 1489; Bolton, 1995b: 136; Radchenko, 1997c: 433; Gallé, *et al.* 1998: 217; Csösz, *et al.* 2011: 59; Kiran & Karaman, 2012: 9.

Senior synonym of *rufiventris*: Borowiec, L. & Salata, 2013: 383 (in text).

nuda, misspelling, see under *nodus*.

oasium. *Cataglyphis bicolor* var. *oasium* Menozzi, 1932c: 95.

[First available use of *Cataglyphis bicolor* st. *nodus* var. *oasium* Santschi, 1929b: 46 (w.q.m.) TUNISIA, ALGERIA; unavailable (infrasubspecific) name (Agosti, 1990b: 1487).]

As unavailable (infrasubspecific) name: Santschi, 1929c: 106; Santschi, 1931a: 13; Santschi, 1932f: 520; Santschi, 1934f: 175; Santschi, 1936e: 82; Santschi, 1938a: 43; Menozzi, 1940: 271; Bernard, 1950b: 292; Bernard, 1953a: 199.

Subspecies of *bicolor*: Agosti, 1990b: 1487; Bolton, 1995b: 136.

Status as species: Radchenko, 1997c: 431; Radchenko, 1998: 506 (in key); Borowiec, L. 2014: 59.

occidentalis. *Cataglyphis (Monocombus) viaticus* st. *mauritanica* var. *occidentalis* Santschi, 1929b: 32, figs. 19, 25 (w.q.) MOROCCO; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Finzi, 1930b: 16; Santschi, 1939c: 5.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498; Cagniant, 2006a: 195.

occidentalis. *Cataglyphis mauritanica* subsp. *occidentalis* Cagniant, 2009: 48 (w.q.m.) MOROCCO.

odini, misspelling, see under *otini*.

opaca. *Cataglyphis albicans* var. *opaca* Santschi, 1912c: 149 (w.) TUNISIA, ALGERIA.

Cagniant, 2009: 54 (ergatoid m.).

Subspecies of *albicans*: Emery, 1925b: 262; Menozzi, 1927g: 380; Santschi, 1929b: 60 (in key); Menozzi, 1934: 165; Santschi, 1938a: 43; Menozzi, 1940: 271; Finzi, 1940: 164; Agosti, 1990b: 1492; Bolton, 1995b: 136; Cagniant, 2009: 54.

opacior. *Cataglyphis opacior* Collingwood & Agosti, 1996: 381, fig. 44 (w.) YEMEN.

Status as species: Borowiec, L. 2014: 59.

opaciventris. *Cataglyphis (Monocombus) viatica* st. *mauritanica* var. *opaciventris* Santschi, 1929b: 31, figs. 24, 28 (w.q.m.) TUNISIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Cagniant, 2009: 49.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

[*Cataglyphis opaciventris* Tohmé, G. & Tohmé, 2014: 139 (attributed to Santschi). Unavailable replacement name (published after 1960, without description or designation of type-material) for *Cataglyphis viatica* st. *mauritanica* var. *opaciventris* Santschi, 1929b: 31; unavailable (infrasubspecific) name].

orientalis. *Myrmecocystus viaticus* var. *orientalis* Forel, 1895d: 228 (in text) (w.) TURKEY.

Combination in *M. (Cataglyphis)*: Forel, 1911d: 353;

combination in *Cataglyphis*: Emery, 1912f: 99.

As unavailable (infrasubspecific) name: Emery, 1906d: 58; Emery, 1908g: 217; Wheeler, W.M. & Mann, 1916: 173.

Junior synonym of *setipes*: Ruzsky, 1905b: 430.

Subspecies of *viatica*: Forel, 1895d: 233; Forel, 1904d: 175; Forel, 1910a: 24; Forel, 1911d: 353; Schkaff, 1925: 276.

Subspecies of *bicolor*: Forel, 1906c: 189; Santschi, 1921a: 116; Finzi, 1923: 4; Weber, 1952c: 22.

Junior synonym of *nodus*: Emery, 1925b: 265; Finzi, 1928c: 791; Santschi, 1929b: 43; Finzi, 1930d: 317; Donisthorpe, 1950e: 1065; Pisarski, 1965: 421; Agosti, 1990b: 1489; Bolton, 1995b: 136; Radchenko, 1997c: 433; Gallé, *et al.* 1998: 217; Csösz, *et al.* 2011: 59; Kiran & Karaman, 2012: 9.

otini. *Cataglyphis (Cataglyphis) albicans* st. *otini* Santschi, 1929b: 38 (w.) MOROCCO.

[Misspelled as *odini* by Santschi, 1929b: 60 (in key).]

Subspecies of albicans: Santschi, 1931a: 13; Tinaut & Plaza, 1990: 194.

Status as species: Collingwood, 1978: 73; Agosti, 1990b: 1494; Bolton, 1995b: 136; Cagniant, 2006a: 195; Cagniant, 2009: 51; Borowiec, L. 2014: 59.

oxiana. *Cataglyphis foreli* subsp. *oxiana* Arnol'di, 1964: 1813, figs. 13, 14 (w.) UZBEKISTAN.

Subspecies of foreli: Agosti, 1990b: 1483.

Status as species: Dlussky, Soyunov & Zabelin, 1990: 153; Bolton, 1995b: 136; Radchenko, 1997c: 430; Radchenko, 1998: 506 (in key).

pallida. *Cataglyphis pallida* Mayr, 1877: 9 (w.m.) UZBEKISTAN.

[Also described as new by Mayr, 1880: 28.]

Karavaiev, 1910b: 25 (q.).

Combination in *Myrmecocystus*: Emery, 1898c: 126; Ruzsky, 1905b: 443;

combination in *Cataglyphis*: Emery, 1912f: 103;

combination in *C. (Monocombus)*: Santschi, 1929b: 29.

Status as species: Emery, 1877b: 366; Emery, 1878b: 48; Mayr, 1880: 28; André, 1882b: 170 (in key); Forel, 1886e: clxi; Nasonov, 1889: 15; Saunders, E. 1890: 202; Dalla Torre, 1893: 218; Ruzsky, 1903b: 300; Ruzsky, 1905b: 443; Emery, 1906d: 50; Karavaiev, 1910b: 24; Ruzsky, 1923: 2; Emery, 1925b: 264; Kuznetsov-Ugamsky, 1929b: 40; Santschi, 1929b: 37; Ceballos, 1956: 317; Tarbinsky, 1976: 207 (redescription); Collingwood, 1978: 92 (in key); Arnol'di & Dlussky, 1978: 554 (in key); Dlussky, 1981a: 17; Dlussky, Soyunov & Zabelin, 1990: 154; Agosti, 1990b: 1484; Bolton, 1995b: 136; Radchenko, 1997c: 440; Radchenko, 1998: 502 (in key); Collingwood & Heatwole, 2000: 16; Schultz, R. *et al.* 2006: 205; Guénard & Dunn, 2012: 30; Borowiec, L. 2014: 59; Sharaf, Collingwood & Aldawood, 2015: 110 (in key).

persica. *Myrmecocystus frigidus* var. *persica* Emery, 1906d: 50, fig. 7 (w.) IRAN.

Combination in *Cataglyphis*: Emery, 1925b: 264.

Subspecies of frigida: Emery, 1925b: 264; Santschi, 1929b: 57 (in key); Agosti, 1990b: 1482; Bolton, 1995b: 136; Paknia, *et al.* 2008: 154.

phaeogaster. *Camponotus phaeogaster* Walker, 1871: 10 (w.) "ARABIA (Wady Ferran)".

Junior synonym of *bombycinus*: Dalla Torre, 1893: 217; Emery, 1925b: 267; Agosti, 1990b: 1484; Bolton, 1995b: 136.

pharaao. *Cataglyphis bicolor* st. *nigra* var. *pharaao* Santschi, 1929b: 51 (w.) EGYPT; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Finzi, 1936: 193; Santschi, 1938a: 44.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

pilicornis, misspelling, see under *piliscapa*.

piligera. *Cataglyphis foreli* subsp. *piligera* Arnol'di, 1964: 1813 (w.) UZBEKISTAN.

Subspecies of foreli: Agosti, 1990b: 1483.

Status as species: Dlussky, Soyunov & Zabelin, 1990: 154; Bolton, 1995b: 136; Radchenko, 1997c: 429; Radchenko, 1998: 506 (in key).

Senior synonym of murgabica: Dlussky, Soyunov & Zabelin, 1990: 154; Radchenko, 1997c: 429.

piliscapa. *Myrmecocystus cursor* var. *piliscapa* Forel, 1901h: 66 (in text) (w.) FRANCE.

[Misspelled as *pilicornis* by Santschi, 1932c: 73.]

Santschi, 1929b: 36 (m.).

Combination in *Cataglyphis (Monocombus)*: Santschi, 1929b: 36.

Subspecies of cursor: Emery, 1906d: 47; Santschi, 1929b: 36.

Status as species: Agosti & Collingwood, 1987b: 285 (in key); Agosti, 1990b: 1482; Bolton, 1995b: 136; Espadaler, 1997b: 27; Petrov, 2006: 110 (in key); Casevitz-Weulersse & Galkowsky, 2009: 480; Borowiec, L. 2014: 59; Lebas, *et al.* 2016: 166.

Senior synonym of tibialis: Santschi, 1929b: 36; Agosti, 1990b: 1482; Bolton, 1995b: 136; Casevitz-Weulersse & Galkowsky, 2009: 480.

pilosquamis. *Cataglyphis (Monocombus) gaetula* var. *pilosquamis* Santschi, 1929b: 34 (w.) MOROCCO.

Subspecies of gaetula: Agosti, 1990b: 1483; Bolton, 1995b: 136.

Status as species: Cagniant, 2006a: 195; Cagniant, 2009: 49; Borowiec, L. 2014: 59.

pilosulus. *Cataglyphis pilosulus* Kuznetsov-Ugamsky, 1926a: 71, figs. 1-5 (w.) UZBEKISTAN.

[Misspelled as *pilosus* by Dlussky, Soyunov & Zabelin, 1990: 151.]

As unavailable (infrasubspecific) name: Santschi, 1929b: 37.

Status as species: Agosti, 1990b: 1484.

Junior synonym of *emeryi*: Dlussky, Soyunov & Zabelin, 1990: 151; Bolton, 1995b: 136; Radchenko, 1997c: 439.

protuberata. *Cataglyphis bicolor* var. *protuberata* Crawley, 1920b: 177 (w.) IRAQ.

Subspecies of bicolor: Emery, 1925b: 266; Santschi, 1929b: 62 (in key); Pisarski, 1965: 421; Agosti, 1990b: 1487; Bolton, 1995b: 136.

Junior synonym of *isis*: Radchenko, 1997c: 431; Radchenko, 1998: 505 (in key).

pubens. *Cataglyphis bicolor* var. *pubens* Santschi, 1929b: 43 (w.m.) MOROCCO, ALGERIA, SPAIN (Canary Is.).

Subspecies of bicolor: Santschi, 1931a: 13; Santschi, 1936c: 210; Santschi, 1939c: 5; Agosti, 1990b: 1487; Bolton, 1995b: 136; Cagniant, 2009: 51.

pubescens. *Cataglyphis pubescens* Radchenko & Paknia, 2010: 71, figs. 8-13 (w.) IRAN.

rockingeri. *Myrmecocystus (Cataglyphis) cursor* subsp. *rockingeri* Forel, 1911e: 287 (w.) KAZAKHSTAN.

Combination in *Cataglyphis*: Emery, 1925b: 264;

combination in *C. (Monocombus)*: Santschi, 1929b: 36.

Subspecies of cursor: Emery, 1925b: 264; Santschi, 1929b: 36; Wheeler, W.M. 1929f: 11; Wheeler, W.M. 1930h: 81; Chapman & Capco, 1951: 197; Agosti, 1990b: 1482; Bolton, 1995b: 137; Guénard & Dunn, 2012: 30.

Subspecies of *aenescens*: Pisarski, 1969a: 235; Pisarski, 1969b: 315; Dlussky & Pisarski, 1970: 89; Pisarski & Krzysztofiak, 1981: 165.

Junior synonym of *aenescens*: Radchenko, 1997c: 437; Radchenko, 2016: 318.

rosenhaueri. *Cataglyphis albicans* st. *rosenhaueri* Santschi, 1925g: 356.

[First available use of *Myrmecocystus albicans* subsp. *ruber* var. *rosenhaueri* Emery, 1906d: 53, fig. 13 (w.) SPAIN; unavailable (infrasubspecific) name (Agosti, 1990b: 1494).]

As unavailable (infrasubspecific) name: Emery, 1912f: 99; Stitz, 1917: 348; Emery, 1925b: 263; Santschi, 1929b: 61 (in key).

Subspecies of *albicans*: Schmitz, 1950: 13.

Status as species: Collingwood & Yarrow, 1969: 85; Collingwood, 1978: 92 (in key); Agosti, 1990b: 1494; Tinaut & Plaza, 1990: 192; Bolton, 1995b: 137; Borowiec, L. 2014: 59; Lebas, *et al.* 2016: 160.

rotundinodis. *Myrmecocystus albicans* subsp. *rotundinodis* Karavaiev, 1912a: 16 (w.) ALGERIA.

Combination in *Cataglyphis*: Emery, 1925b: 262.

Subspecies of *albicans*: Karavaiev, 1924: 305; Emery, 1925b: 262.

Junior synonym of *bicolor*: Santschi, 1929b: 41; Agosti, 1990b: 1487; Bolton, 1995b: 137.

rubra. *Myrmecocystus albicans* r. *ruber* Forel, 1903c: 268 (w.) ALGERIA.

Santschi, 1929b: 39 (q.m.).

Combination in *Cataglyphis*: Emery, 1912f: 99;

combination in *C. (Cataglyphis)*: Santschi, 1929b: 39.

Subspecies of *albicans*: Emery, 1906d: 52; Karavaiev, 1912a: 15; Stitz, 1917: 348; Karavaiev, 1924: 305; Emery, 1925b: 262; Santschi, 1929b: 39; Menozzi, 1934: 166; Santschi, 1938a: 43; Menozzi, 1940: 271; Bernard, 1953a: 201; Ceballos, 1956: 317.

Status as species: Collingwood, 1985: 291; Wehner, 1986: 109; Agosti, 1990b: 1494; De Haro & Collingwood, 1994: 101; Bolton, 1995b: 137; Collingwood & Agosti, 1996: 382; Radchenko, 1997c: 426; Radchenko, 1998: 506 (in key); Mohamed, Zalat, *et al.* 2001: 46; Cagniant, 2006a: 195; Paknia, *et al.* 2008: 154; Cagniant, 2009: 59; Vonshak, *et al.* 2009: 39; Collingwood, *et al.* 2011: 462; Kiran & Karaman, 2012: 10; Borowiec, L. 2014: 60.

rufidens. *Cataglyphis (Cataglyphis) bicolor* st. *laevior* var. *rufidens* Santschi, 1932f: 518 (w.q.) ALGERIA; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1498.

rufiventris. *Cataglyphis bicolor* var. *rufiventris* Emery, 1925b: 265.

[First available use of *Myrmecocystus (Cataglyphis) viaticus* subsp. *orientalis* var. *rufiventris* Forel, 1911d: 353 (w.) GREECE; unavailable (infrasubspecific) name (Agosti, 1990b: 1488).]

As unavailable (infrasubspecific) name: Santschi, 1921a: 116; Santschi, 1929b: 44.

Subspecies of *bicolor*: Santschi, 1926f: 290; Agosti, 1990b: 1488; Bolton, 1995b: 137; Lapeva-Gjonova, *et al.* 2010: 57; Legakis, 2011: 35; Kiran & Karaman, 2012: 9.

Junior synonym of *nodus*: Borowiec, L. & Salata, 2013: 383 (in text).

sabulosa. *Cataglyphis sabulosa* Kugler, J. 1981: 84, figs. 1-13 (w.q.m.) ISRAEL.

Status as species: Collingwood, 1985: 291; Kugler, J. 1988: 259; Agosti, 1990b: 1485; Bolton, 1995b: 137; Collingwood & Agosti, 1996: 382; Radchenko, 1997c: 436;

Radchenko, 1998: 502 (in key); Vonshak, *et al.* 2009: 39; Collingwood, *et al.* 2011: 462; Borowiec, L. 2014: 60.

saharae. *Cataglyphis (Cataglyphis) bicolor* st. *saharae* Santschi, 1929b: 48, fig. 3 (w.) ALGERIA.

Status as species: Collingwood, 1985: 291; Agosti, 1990b: 1490; Bolton, 1995b: 137; Borowiec, L. 2014: 60; Sharaf, Collingwood & Aldawood, 2015: 113.

Senior synonym of *laylae*: Sharaf, Collingwood & Aldawood, 2015: 113.

savignyi. *Formica savignyi* Dufour, 1862: 141 (w.m.) EGYPT.

[Misspelled as *savignii* by Emery & Forel, 1879: 449.]

[Note: name erroneously rendered as *Savignyi savignyi* in El-Hawagry, *et al.* 2013: 67 (in list).]

Combination in *Cataglyphis*: Roger, 1863b: 12; Emery, 1925b: 265;

combination in *Myrmecocystus*: Emery & Forel, 1879: 449.

As unavailable (infrasubspecific) name: Santschi, 1929b: 45; Menozzi, 1932e: 454; Menozzi, 1934: 166; Finzi, 1936: 192; Santschi, 1938a: 44; Finzi, 1940: 165.

Junior synonym of *viatica*: Roger, 1863b: 12; Dours, 1873: 166; Emery & Forel, 1879: 449; Dalla Torre, 1893: 219.

Junior synonym of *bicolor*: Emery, 1925b: 265.

Status as species: Billen, 1989: 301; Agosti, 1990b: 1490; Bolton, 1995b: 137; Wehner, *et al.* 1994: 168; Collingwood & Agosti, 1996: 382; Cagniant, 2006a: 195; Cagniant, 2009: 50; Vonshak, *et al.* 2009: 39; Collingwood, *et al.* 2011: 462; Borowiec, L. 2014: 60.

Senior synonym of *desertorum*: Cagniant, 2009: 51.

semitonsa. *Cataglyphis albicans* var. *semitonsa* Santschi, 1929b: 61 (in key).

[First available use of *Cataglyphis albicans* st. *vaucheri* var. *semitonsa* Santschi, 1926e: 236 (w.) ALGERIA; unavailable (infrasubspecific) name (Agosti, 1990b: 1495).]

As unavailable (infrasubspecific) name: Bernard, 1953a: 200.

Subspecies of *albicans*: Menozzi, 1932c: 95; Finzi, 1940: 164; Bernard, 1948: 163; Délye, 1960: 263.

Status as species: Collingwood, 1985: 291; Agosti, 1990b: 1495; Bolton, 1995b: 137; Collingwood & Agosti, 1996: 382; Radchenko, 1997c: 427; Radchenko, 1998: 507 (in key); Cagniant, 2006a: 195; Cagniant, 2009: 51; Borowiec, L. 2014: 60; Tohmé, G. & Tohmé, 2014: 139.

seticornis. *Myrmecocystus bicolor* subsp. *seticornis* Emery, 1906d: 58.

[First available use of *Myrmecocystus viaticus* subsp. *setipes* var. *seticornis* Emery, 1898c: 147 (footnote) (w.) GHANA; unavailable (infrasubspecific) name (Bolton, 1995b: 137).]

[Misspelled as *setocornis* by Agosti, 1990b: 1489.]

Combination in *Cataglyphis*: Wheeler, W.M. 1922a: 945.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1922a: 944.

Subspecies of *bicolor*: Emery, 1908g: 217; Emery, 1925b: 266; Santschi, 1929b: 47; Agosti, 1990b: 1489; Bolton, 1995b: 137.

setipedesertorum. *Myrmecocystus viaticus* subsp. *setipes* var. *setipedesertorum* Ruzsky, 1905b: 433 (in text) (w.) TURKESTAN; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Agosti, 1990b: 1469.

Material referred to *setipes* by Radchenko, 1997c: 435.

setipes. *Myrmecocystus viaticus* r. *setipes* Forel, 1894c: 401 (w.) INDIA (Rajasthan, Uttar Pradesh, Madhya Pradesh).

Ruzsky, 1902d: 9 (q.m.); Imai, *et al.* 1984: 9 (k.).

Combination in *Cataglyphis*: Wheeler, W.M. 1922a: 945.

Subspecies of viatica: Ruzsky, 1902d: 9; Forel, 1904b: 382; Ruzsky, 1905b: 430; Wheeler, W.M. 1922a: 945.

Subspecies of bicolor: Emery, 1906d: 58; Emery, 1908g: 217; Karavaiev, 1910b: 39; Karavaiev, 1912b: 591; Emery, 1925b: 266; Santschi, 1929b: 49; Karavaiev, 1932: 250; Eidmann, 1942: 254.

Status as species: Bingham, 1903: 312; Mukerjee, 1930: 162; Chapman & Capco, 1951: 203; Collingwood, 1961a: 65; Collingwood, 1961b: 289; Arnol'di, 1964: 1804; Pisarski, 1967: 418; Pisarski, 1970: 324; Tarbinsky, 1976: 199; Arnol'di & Dlussky, 1978: 554 (in key); Dlussky, 1981a: 18; Dlussky, Soyunov & Zabelin, 1990: 155; Agosti, 1990b: 1490; Bolton, 1995b: 137; Radchenko, 1997c: 434; Radchenko, 1998: 504 (in key); Tiwari, 1999: 67; Mathew & Tiwari, 2000: 345; Schultz, R. *et al.* 2006: 205; Paknia, *et al.* 2008: 154; Kiran & Karaman, 2012: 10; Borowiec, L. 2014: 60; Wachkoo & Bharti, 2015a: 3 (redescription); Bharti, Guénard, *et al.* 2016: 27; Khalili-Moghadam, *et al.* 2019: 169.

Senior synonym of dschambulica: Radchenko, 1997c: 435.

Senior synonym of turcomanica: Dlussky, Soyunov & Zabelin, 1990: 155; Radchenko, 1997c: 435.

[Note: Radchenko, 1997c: 435, gave *longipedem* as junior synonym of *setipes*, but if the synonymy is correct then *longipedem* takes priority.]

Material of the unavailable name *setipesdesertorum* referred here by Radchenko, 1997c: 435.

shuaibensis. *Cataglyphis shuaibensis* Collingwood & Agosti, 1996: 382 (w.) YEMEN.

Status as species: Borowiec, L. 2014: 60.

sinaitica. *Cataglyphis bombycinus* var. *sinaitica* Wheeler, W.M. & Mann, 1916: 173 (s.w.) EGYPT.

Combination in *Cataglyphis (Machaerogenys)*: Emery, 1925b: 267.

Subspecies of bombycinus: Emery, 1925b: 267; Santschi, 1929b: 60 (in key); Finzi, 1936: 193; Agosti, 1990b: 1484; Bolton, 1995b: 137; Vonshak, *et al.* 2009: 39.

[Status as species: Mohamed, Zalat, *et al.* 2001: 46 (error); Borowiec, L. 2014: 61 (error).]

stigmatus. *Cataglyphis stigmatus* Radchenko & Paknia, 2010: 70, figs. 2-7 (w.) IRAN.

subareolata. *Cataglyphis (Monocombus) cursor* subsp. *subareolata* Arnol'di, 1948: 212 (in list).

Nomen nudum.

sudanica. *Myrmecocystus bicolor* var. *sudanica* Karavaiev, 1912b: 590, fig. 2 (w.m.) SUDAN.

Santschi, 1933b: 108 (q.).

Combination in *Cataglyphis*: Emery, 1925b: 265.

As unavailable (infrasubspecific) name: Santschi, 1929b: 56; Santschi, 1933b: 108; Finzi, 1939a: 160 (in text).

Subspecies of bicolor: Emery, 1925b: 265; Santschi, 1929b: 52; Agosti, 1990b: 1489; Bolton, 1995b: 137.

takyrica. *Cataglyphis takyrica* Dlussky, in Dlussky, Soyunov & Zabelin, 1990: 155, fig. 45 (w.q.) TURKMENISTAN.

Status as species: Bolton, 1995b: 137; Radchenko, 1997c: 438; Radchenko, 1998: 503 (in key).

tancrei. *Myrmecocystus cursor* r. *tancrei* Forel, 1901h: 66 (w.) CHINA (Xinjiang).

[Misspelled as *tankrei* by; Radchenko, 1997c: 437.]

Forel, 1904b: 383 (m.); Ruzsky, 1905b: 446 (q.).
Combination in *Cataglyphis*: Emery, 1925b: 263.
As unavailable (infrasubspecific) name: Emery, 1906d: 48; Emery, 1925b: 263; Santschi, 1929b: 58 (in key).

Subspecies of *cursor*: Forel, 1904b: 383; Ruzsky, 1904b: 5; Ruzsky, 1905b: 445; Karavaiev, 1924: 301; Ruzsky, 1936: 93.

Subspecies of *aenescens*: Santschi, 1929b: 58; Dlussky & Pisarski, 1970: 90; Tarbinsky, 1976: 201 (redescription); Agosti, 1990b: 1481; Bolton, 1995b: 137.

Junior synonym of *aenescens*: Radchenko, 1997c: 437; Schultz, R. et al. 2006: 203; Kiran & Karaman, 2012: 8; Radchenko, 2016: 318.

targuia. *Cataglyphis (Cataglyphis) albicans* var. *targuia* Santschi, 1929b: 55 (footnote) (w.) ALGERIA.

[Also described as new by Santschi, 1929c: 106, and by Santschi, 1934f: 175.]

As unavailable (infrasubspecific) name: Bernard, 1953a: 200.

Subspecies of albicans: Bernard, 1948: 163 (in text); Agosti, 1990b: 1492; Bolton, 1995b: 137.

tartessica. *Cataglyphis tartessica* Amor & Ortega, 2014: 126, figs. 1, 2, 3a-d, 6a (w.q.ergatoid q.m.) SPAIN.

Status as species: Borowiec, L. 2014: 61; Lebas, et al. 2016: 168.

theryi. *Cataglyphis theryi* Santschi, 1921d: 76 (m.) MOROCCO.

Cagniant, 2009: 55 (w.q.).

Subspecies of albicans: Emery, 1925b: 263.

Status as species: Agosti, 1990b: 1495; Bolton, 1995b: 137; Cagniant, 2009: 55; Borowiec, L. 2014: 61.

tibialis. *Cataglyphis tibialis* Bondroit, 1918: 39 (w.) FRANCE.

As unavailable (infrasubspecific) name: Santschi, 1932c: 73.

Subspecies of *cursor*: Santschi, 1925g: 355; Emery, 1925b: 263; Ceballos, 1956: 317.

Junior synonym of *cursor*: Bernard, 1967: 281; Collingwood, 1978: 73.

Junior synonym of *piliscapa*: Santschi, 1929b: 36; Agosti, 1990b: 1482; Bolton, 1995b: 137; Casevitz-Weulersse & Galkowsky, 2009: 480.

tonsilis. *Cataglyphis (Monocombus) viaticus* var. *tonsilis* Santschi, 1936a: 209.

[First available use of *Cataglyphis (Monocombus) viatica* st. *mauritanica* var. *tonsilis* Santschi, 1929b: 32, fig. 21 (w.q.m.) MOROCCO; unavailable (infrasubspecific) name (Agosti, 1990b: 1484).]

Subspecies of viatica: Santschi, 1936c: 209; Agosti, 1990b: 1484; Bolton, 1995b: 137.

Subspecies of mauritanica: Cagniant, 2006a: 195; Cagniant, 2009: 49.

turcomanica. *Cataglyphis bicolor* var. *turcomanica* Crawley, 1920b: 177.

[First available use of *Myrmecocystus viaticus* subsp. *desertorum* var. *turcomanica* Emery, 1898c: 147 (w.) UZBEKISTAN, RUSSIA (Daghestan); unavailable (infrasubspecific) name (Bolton, 1995b: 137).]

[Misspelled as *turkemanicus* by Kolossov, 1932: 118.]

Combination in *Cataglyphis*: Emery, 1925b: 266.

As unavailable (infrasubspecific) name: Forel, 1904b: 382; Ruzsky, 1905b: 432; Emery, 1906d: 58; Emery, 1908g: 217; Karavaiev, 1910b: 39; Karavaiev, 1912b: 591; Kuznetsov-Ugamsky, 1923: 247; Ruzsky, 1923: 2; Emery, 1925b: 266; Santschi, 1929b: 49; Weber, 1943c: 343 (in list); Gratiashvili & Barjadze, 2008: 132 (error).

Subspecies of *setipes*: Arnol'di, 1964: 1804; Pisarski, 1967: 418; Pisarski, 1970: 324; Tarbinsky, 1976: 199 (redescription).

Synonym of *longipedem*: Kolossov, 1932: 118; Agosti, 1990b: 1490.

[Note: Kolossov, and Agosti, give *turcomanica* as senior synonym, but *longipedem* has priority.]

Junior synonym of *setipes*: Dlussky, Soyunov & Zabelin, 1990: 155; Radchenko, 1997c: 435.

urens. *Cataglyphis urens* Collingwood, 1985: 290.

[First available use of *Cataglyphis bicolor* st. *abyssinica* var. *urens* Santschi, 1929b: 52 (w.m.) OMAN; unavailable (infrasubspecific) name (Agosti, 1990b: 1486).]

Status as species: Agosti, 1990b: 1486; Bolton, 1995b: 137; Collingwood & Agosti, 1996: 383; Collingwood, *et al.* 2011: 464; Borowiec, L. 2014: 61.

vaucheri. *Myrmecocystus albicans* subsp. *vaucheri* Emery, 1906d: 54, fig. 17 (w.) MOROCCO.

Combination in *Cataglyphis*: Emery, 1925b: 263;

combination in *C. (Cataglyphis)*: Santschi, 1929b: 38.

Subspecies of albicans: Emery, 1925b: 262; Santschi, 1926e: 236; Santschi, 1929b: 38; Ceballos, 1956: 317; Agosti, 1990b: 1492; Bolton, 1995b: 137; Cagniant, 2009: 52.

Status as species: Collingwood & Agosti, 1996: 383; Cagniant, 2006a: 195; Borowiec, L. 2014: 61.

velox. *Cataglyphis (Monocombus) viatica* var. *velox* Santschi, 1929b: 30, figs. 6, 34 (w.) SPAIN. Tinaut, 1990c: 54 (q.m.).

Junior synonym of *viatica*: Collingwood, 1979: 73.

Subspecies of viatica: Santschi, 1932c: 73; Ceballos, 1956: 318; Agosti, 1990b: 1484.

Status as species: Tinaut, 1990c: 52 (redescription); Bolton, 1995b: 137; Borowiec, L. 2014: 61; Lebas, *et al.* 2016: 162.

viatica. *Formica viatica* Fabricius, 1787: 308 (w.) SPAIN (“Habitat in Hispaniae”).

Mayr, 1861: 45 (q.m.).

Combination in *Monocombus*: Mayr, 1855: 382;

combination in *Myrmecocystus*: Emery & Forel, 1879: 449; Ruzsky, 1905b: 427;

combination in *Myrmecocystus (Cataglyphis)*: Forel, 1911d: 353;

combination in *Cataglyphis*: Mayr, 1861: 45 (in key); Roger, 1863b: 12; Mayr, 1880: 28; Emery, 1912f: 98; Santschi, 1919e: 246;

combination in *C. (Monocombus)*: Santschi, 1929b: 29.

Status as species: Gmelin, 1790: 2798; Olivier, 1792: 495; Fabricius, 1793: 356; Latreille, 1802c: 173; Fabricius, 1804: 404; Schenck, 1852: 129; Mayr, 1855: 382 (redescription); Nylander, 1856b: 59; Smith, F. 1858b: 9; Roger, 1859: 231; Mayr, 1861: 45 (in key); Smith, F. 1861a: 32; Mayr, 1862: 701; Mayr, 1863: 402; Roger, 1863b: 12; Walker, 1871: 10; Dours, 1873: 166; André, 1874: 181 (in key); Radoszkowsky, 1876: 140; Mayr, 1877: 8; Emery, 1877b: 366; Emery, 1878a: ix (in list); Emery, 1878b: 48; Emery & Forel, 1879: 449; Mayr, 1880: 28; Emery, 1880: 389; Emery, 1881b: 527; André, 1881b: 56; André, 1882b: 167 (in key); André, 1884b: 537; Emery, 1884a: 376; Forel, 1886d: 243; Forel, 1886e: clxvii; Emery, 1887a: 247; Forel, 1889: 256; Nasonov, 1889: 14; Rothney, 1889: 350; Forel, 1890a: lxvii; Saunders, E. 1890: 202; Emery, 1891b: 16; Mayr, 1893: 197; Dalla Torre, 1893: 218; Medina, 1893: 104; Forel, 1895d: 228; Mayr, 1904b: 10; Ruzsky, 1905b: 427; Emery, 1906d: 57; Forel, 1909c: 105; Santschi, 1919e: 246; Wheeler, W.M. 1922a: 944; Menozzi, 1922b: 332; Soudek, 1922: 85; Müller, 1923b: 148 (in key); Emery, 1925b: 266; Santschi, 1925g: 356; Santschi, 1929b: 58 (in key); Santschi, 1931a: 13; Santschi, 1932c: 73; Finzi, 1939a: 166; Novák &

Sadil, 1941: 108 (in key); Ceballos, 1956: 317; Cagniant, 1964: 93; Cagniant, 1968a: 145; Collingwood & Yarrow, 1969: 85; Cagniant, 1970c: 30; Pisarski, 1975: 53; Collingwood, 1978: 92 (in key); Agosti, 1990b: 1490; Tinaut, 1990c: 50 (redescription); Wehner, *et al.* 1994: 168; Bolton, 1995b: 137; Cagniant, 2006a: 195; Werner & Wiezik, 2007: 157; Gratiashvili & Barjadze, 2008: 132; Cagniant, 2009: 50; Karaman, M.G. 2011b: 76; Borowiec, L. & Salata, 2012: 487; Kiran & Karaman, 2012: 10; Borowiec, L. 2014: 61.

Senior synonym of *europaea*: Emery, 1892b: 161; Dalla Torre, 1893: 218; Agosti, 1990b: 1491; Tinaut, 1990c: 50; Bolton, 1995b: 137.

***viaticoides*.** *Myrmecocystus albicans* var. *viaticoides* André, 1881b: 57 (w.) LEBANON.

Arnol'di, 1964: 1809 (m.).

Combination in *M. (Cataglyphis)*: Forel, 1911d: 354;
combination in *Cataglyphis*: Emery, 1925b: 263.

Subspecies of *albicans*: André, 1882b: 168 (in key); Emery, 1891b: 17; Dalla Torre, 1893: 216; Medina, 1893: 104; Forel, 1895d: 228; Forel, 1902a: 156; Forel, 1903b: 459; Forel, 1904b: 383; Emery, 1906d: 53; Forel, 1909c: 105; Karavaiev, 1910b: 37; Forel, 1911d: 354; Crawley, 1920b: 177; Emery, 1925b: 262; Santschi, 1929b: 61 (in key); Menozzi, 1933b: 85; Santschi, 1934d: 281; Ceballos, 1956: 317.

Status as species: Arnol'di, 1964: 1809; Collingwood & Yarrow, 1969: 85; Aktaç, 1977: 128; Collingwood, 1978: 92 (in key); Kugler, J. 1988: 259; Agosti, 1990b: 1495; Tinaut & Plaza, 1990: 192; Collingwood, 1993b: 195; Arakelian, 1994: 109; Bolton, 1995b: 137; Radchenko, 1997c: 428; Radchenko, 1998: 506 (in key); Vonshak, *et al.* 2009: 39; Legakis, 2011: 35; Collingwood, *et al.* 2011: 464; Borowiec, L. & Salata, 2012: 487; Kiran & Karaman, 2012: 10; Sharaf, Abdel-Dayem, *et al.* 2013: 570; Borowiec, L. 2014: 62; Tohmé, G. & Tohmé, 2014: 139; Lebas, *et al.* 2016: 160; Borowiec, L. & Salata, 2018: 5; Salata & Borowiec, 2018c: 44.

***zakharovi*.** *Cataglyphis zakharovi* Radchenko, 1997e: 207, figs. 1-10 (q.m.) TURKMENISTAN.