

# Checklist of the Palearctic and Oriental Species of *Colletes* LATR.

## **COLLETES NIGRICANS – GROUP**

### ***Colletes bidentulus* NOSKIEWICZ 1936**

*Colletes bidentulus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 129-132.

### ***Colletes biskrensis* NOSKIEWICZ 1936**

*Colletes biskrensis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 110-111.

### ***Colletes creticus* NOSKIEWICZ 1936**

*Colletes creticus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 123-124.

*Colletes dimidiatus creticus* NOSKIEWICZ 1936 — WARNCKE 1978: 339.

### ***Colletes cyprius* NOSKIEWICZ 1936**

*Colletes cyprius* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 118-120.

*Colletes dimidiatus cyprius* NOSKIEWICZ 1936 — WARNCKE 1978: 339.

### ***Colletes dimidiatus* BRULLE 1840**

*Colletes dimidiatus* BRULLE 1840 — BRULLE 1840: 86.

*Colletes dimidiatus canariensis* WARNCKE 1978 — WARNCKE 1978: 336-337.

*Colletes dimidiatus gomerensis* WARNCKE 1978 — WARNCKE 1978: 335-336.

### ***Colletes eous* MORICE 1904**

*Colletes eous* MORICE 1904 — MORICE 1904: 43-44.

*Colletes cecrops* MORICE 1904 — MORICE 1904: 44-45.

*Colletes porosicus* STRAND 1921 — STRAND 1921: 306-307.

*Colletes illyricus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 120-123.

*Colletes dimidiatus eous* MORICE 1904 — WARNCKE 1978: 339.

### ***Colletes nigricans* GISTEL 1857**

*Colletes nigricans* GISTEL 1857 — GISTEL 1857: 39.

*Colletes alluaudi* COCKERELL 1931 — COCKERELL 1931: 415-416.

*Colletes flavescens* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 106-108.

*Colletes siciliensis* NOSKIEWICZ 1959 — NOSKIEWICZ 1959a: 50-53.

*Colletes dimidiatus tyrrhenicus* WARNCKE 1978 — WARNCKE 1978: 338.

*Colletes dimidiatus nigricans* GISTEL 1857 — WARNCKE 1978: 338.

### ***Colletes perezii* MORICE 1904**

*Colletes perezii* MORICE 1904 — MORICE 1904: 45.

*Colletes resedae* COCKERELL 1934 — COCKERELL 1934: 64-65.

*Colletes dimidiatus perezii* MORICE 1904 — WARNCKE 1978: 337.

## **COLLETES CARINATUS – GROUP**

### ***Colletes canescens* SMITH 1853**

*Colletes canescens* SMITH 1853 — SMITH 1853: 4.

*Colletes nadigi* NOSKIEWICZ 1933 — NOSKIEWICZ in NADIG & NADIG 1933: 48-50.

*Colletes tarsalis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 140-142.

### ***Colletes carinatus* RADOSZKOWSKI 1891**

*Colletes carinatus* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 258-259.

### ***Colletes gallicus* RADOSZKOWSKI 1891**

*Colletes gallicus* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 259-260.

*Colletes carinatus gallicus* RADOSZKOWSKI 1891 — WARNCKE 1978: 340.

## **COLLETES HYLAEIFORMIS – GROUP**

### ***Colletes hylaeiformis* EVERSMAAN 1852**

*Colletes hylaeiformis* EVERSMAAN 1852 — EVERSMAAN 1852: 45.

*Colletes chobauti* PEREZ 1903 — PEREZ 1903: 229.

### ***Colletes ligatus* ERICHSON 1835**

*Colletes ligatus* ERICHSON 1835 — ERICHSON in WALTL 1835: 102.

*Colletes acanthopygus* DOURS 1872 — DOURS 1872: 298-299.  
*Colletes hylaeiformis ligatus* ERICHSON 1835 — WARNCKE 1978: 332-333.

## **COLLETES CASPICUS – GROUP**

### ***Colletes alini* KUHLMANN 2000**

*Colletes alini* KUHLMANN 2000 — KUHLMANN 2000: 161-162.

### ***Colletes anceps* RADOSZKOWSKI 1891**

*Colletes anceps* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 256.  
*Colletes caspicus anceps* RADOSZKOWSKI 1891 — WARNCKE 1978: 334-335.

### ***Colletes caspicus* MORAWITZ 1874**

*Colletes caspicus* MORAWITZ 1874 — MORAWITZ 1874: 174-175.  
*Colletes balticus* ALFKEN 1912 — ALFKEN 1912: 121.

### ***Colletes dusmeti* NOSKIEWICZ 1936**

*Colletes dusmeti* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 170-173.  
*Colletes restingensis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 168-170.  
*Colletes caspicus dusmeti* NOSKIEWICZ 1936 — WARNCKE 1978: 334.

### ***Colletes eatoni* MORICE 1904**

*Colletes eatoni* MORICE 1904 — MORICE 1904: 49-50.  
*Colletes caspicus eatoni* MORICE 1904 — WARNCKE 1978: 333.

### ***Colletes esakii* HIRASHIMA 1958**

*Colletes esakii* HIRASHIMA 1958 — HIRASHIMA 1958: 69-70.  
*Colletes amamiensis* HIRASHIMA 1958 — HIRASHIMA 1958: plate 11 following p. 76.

### ***Colletes idoneus* COCKERELL 1922**

*Colletes idoneus* COCKERELL 1922 — COCKERELL 1922b: 363-364.

### ***Colletes lebedewi* NOSKIEWICZ 1936**

*Colletes lebedewi* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 163-166.  
*Colletes caspicus lebedewi* NOSKIEWICZ 1936 — WARNCKE 1978: 334.

### ***Colletes maidli* NOSKIEWICZ 1936**

*Colletes maidli* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 166-168.  
*Colletes caspicus maidli* NOSKIEWICZ 1936 — WARNCKE 1978: 334.

### ***Colletes morawitzi* NOSKIEWICZ 1936**

*Colletes morawitzi* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 173-177.

### ***Colletes seitzi* ALFKEN 1900**

*Colletes seitzi* ALFKEN 1900 — ALFKEN 1900: 76.

### ***Colletes transitorius* NOSKIEWICZ 1936**

*Colletes transitorius* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 151-154.

## **COLLETES SQUAMOSUS – GROUP**

### ***Colletes alfredjohni* KUHLMANN 2002**

*Colletes alfredjohni* KUHLMANN 2002 — KUHLMANN 2002a: 744-745.

### ***Colletes annulicornis* MORAWITZ 1876**

*Colletes annulicornis* MORAWITZ 1876 — MORAWITZ 1876: 266-267.  
*Colletes brevitectus* COCKERELL 1922 — COCKERELL 1922b: 364.

### ***Colletes askhabadensis* RADOSZKOWSKI 1886**

*Colletes askhabadensis* RADOSZKOWSKI 1886 — RADOSZKOWSKI 1886: 23-24.

### ***Colletes bernadettae* KUHLMANN 2000**

*Colletes bernadettae* KUHLMANN 2000 — KUHLMANN 2000: 164-168.

### ***Colletes brunneitarsis* NOSKIEWICZ 1958**

*Colletes brunneitarsis* NOSKIEWICZ 1958 — NOSKIEWICZ 1958a: 16-19.

***Colletes bytinskii* NOSKIEWICZ 1955**

*Colletes bytinskii* NOSKIEWICZ 1955 — NOSKIEWICZ 1955: 81-87.

***Colletes comatus* NOSKIEWICZ 1936**

*Colletes comatus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 213-216.

***Colletes cretaceus* MORAWITZ 1876**

*Colletes cretaceus* MORAWITZ 1876 — MORAWITZ 1876: 267.

*Colletes farinosus* MORAWITZ 1878 — MORAWITZ 1878: 96-97.

***Colletes elegans* NOSKIEWICZ 1936**

*Colletes elegans* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 217-219.

***Colletes fraterculus* NOSKIEWICZ 1936**

*Colletes fraterculus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 526-528.

***Colletes guichardi* KUHLMANN 2003**

*Colletes guichardi* KUHLMANN 2003 — KUHLMANN 2003a: 724-726.

***Colletes jejunos* NOSKIEWICZ 1936**

*Colletes jejunos* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 231-233.

*Colletes askhabadensis jejunos* NOSKIEWICZ 1936 — WARNCKE 1978: 331.

***Colletes merceti* NOSKIEWICZ 1936**

*Colletes merceti* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 223-224.

*Colletes cretaceus merceti* NOSKIEWICZ 1936 — WARNCKE 1978: 332.

***Colletes omanus* KUHLMANN 2003**

*Colletes omanus* KUHLMANN 2003 — KUHLMANN 2003a: 726.

***Colletes ottomanus* NOSKIEWICZ 1958**

*Colletes ottomanus* NOSKIEWICZ 1958 — NOSKIEWICZ 1958a: 5-15.

*Colletes squamosus ottomanus* NOSKIEWICZ 1958 — WARNCKE 1978: 340-341.

***Colletes pollinarius* NOSKIEWICZ 1936**

*Colletes pollinarius* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 224-227.

***Colletes pseudojejunos* NOSKIEWICZ 1959**

*Colletes pseudojejunos* NOSKIEWICZ 1959 — NOSKIEWICZ 1959a: 47-50.

*Colletes askhabadensis pseudojejunos* NOSKIEWICZ 1959 — WARNCKE 1978: 331.

***Colletes rubellus* NOSKIEWICZ 1936**

*Colletes rubellus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 204-205.

***Colletes rubripes* NOSKIEWICZ 1936**

*Colletes rubripes* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 205-209.

***Colletes sellatus* MORAWITZ 1894**

*Colletes sellatus* MORAWITZ 1894 — MORAWITZ 1894: 83-84.

***Colletes skorikowi* NOSKIEWICZ 1936**

*Colletes skorikowi* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 209-213.

***Colletes squamosus* MORAWITZ 1877**

*Colletes squamosus* MORAWITZ 1877 — MORAWITZ 1877: 97-99.

***Colletes squamulosus* NOSKIEWICZ 1936**

*Colletes squamulosus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 191-195.

***Colletes wahrmani* NOSKIEWICZ 1959**

*Colletes wahrmani* NOSKIEWICZ 1959 — NOSKIEWICZ 1959a: 43-45.

***Colletes wollmanni* NOSKIEWICZ 1936**

*Colletes wollmanni* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 188-191.

*Colletes squamosus wollmanni* NOSKIEWICZ 1936 — WARNCKE 1978: 341.

**COLLETES MIXTUS – GROUP**

***Colletes annejohnae* KUHLMANN 2003**

*Colletes annejohnae* KUHLMANN 2003 — KUHLMANN 2003a: 727.

***Colletes dubitatus* NOSKIEWICZ 1936**

*Colletes dubitatus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 241-242.

***Colletes issykkuli* KUHLMANN 2003**

*Colletes issykkuli* KUHLMANN 2003 — KUHLMANN 2003a: 727-728.

***Colletes kozlovi* FRIESE 1913**

*Colletes kozlovi* FRIESE 1913 — FRIESE 1913: 59.

***Colletes mixtus* RADOSZKOWSKI 1891**

*Colletes mixtus* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 257-258.

***Colletes stachi* NOSKIEWICZ 1958**

*Colletes stachi* NOSKIEWICZ 1958 — NOSKIEWICZ 1958b: 509-512.

**COLLETES ROBOROVSKYI – GROUP**

***Colletes roborovskyi* FRIESE 1913**

*Colletes roborovskyi* FRIESE 1913 — FRIESE 1913: 59.

**COLLETES ARENARIUS – GROUP**

***Colletes arenarius* MORAWITZ 1876**

*Colletes arenarius* MORAWITZ 1876 — MORAWITZ 1876: 263-264.

**COLLETES URALENSIS – GROUP**

***Colletes kaszabi* KUHLMANN 2002**

*Colletes kaszabi* KUHLMANN 2002 — KUHLMANN & DORN 2002: 92.

***Colletes uralensis* NOSKIEWICZ 1936**

*Colletes uralensis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 251-256.

**COLLETES FLAVICORNIS – GROUP**

***Colletes alicularis* NOSKIEWICZ 1936**

*Colletes alicularis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 260-264.

***Colletes emaceatus* NOSKIEWICZ 1936**

*Colletes emaceatus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 264-267.

***Colletes flavicornis* MORAWITZ 1876**

*Colletes flavicornis* MORAWITZ 1876 — MORAWITZ 1876: 267-268.

***Colletes gusi* KUHLMANN 2009**

*Colletes gusi* KUHLMANN 2009 — KUHLMANN 2009: 22-24.

***Colletes pallipes* NOSKIEWICZ 1936**

*Colletes pallipes* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 274-275.

***Colletes plumulosus* NOSKIEWICZ 1936**

*Colletes plumulosus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 267-271.

***Colletes popovi* NOSKIEWICZ 1936**

*Colletes popovi* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 271-274.

**COLLETES NANUS – GROUP**

***Colletes ankarae* WARNCKE 1978**

*Colletes ankarae* WARNCKE 1978 — WARNCKE 1978: 343-344.

***Colletes arztbergi* KUHLMANN 2003**

*Colletes arztbergi* KUHLMANN 2003 — KUHLMANN 2003a: 728-729.

***Colletes comberi* COCKERELL 1911**

*Colletes comberi* COCKERELL 1911 — COCKERELL 1911: 234.

***Colletes daourus* WARNCKE 1978**

*Colletes daourus* WARNCKE 1978 — WARNCKE 1978: 346-347.

***Colletes fuscicornis* NOSKIEWICZ 1936**

*Colletes fuscicornis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 284-285.

***Colletes gussakowskii* NOSKIEWICZ 1936**

*Colletes gussakowskii* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 528-529.

***Colletes hiekejuniore* KUHLMANN 2003**

*Colletes hiekejuniore* KUHLMANN 2003 — KUHLMANN 2003a: 729.

***Colletes inconspicuus* KIRBY 1900**

*Colletes inconspicua* KIRBY 1900 — KIRBY 1900: 23-24.

*Colletes pusillus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 280-282.

***Colletes maroccanus* WARNCKE 1978**

*Colletes maroccanus* WARNCKE 1978 — WARNCKE 1978: 344-346.

***Colletes minutissimus* KUHLMANN 2002**

*Colletes minutissimus* KUHLMANN 2002 — KUHLMANN 2002a: 759-761.

***Colletes minutus* KUHLMANN 2002**

*Colletes minutus* KUHLMANN 2002 — KUHLMANN 2002a: 745-746.

***Colletes nanaeformis* NOSKIEWICZ 1959**

*Colletes nanaeformis* NOSKIEWICZ 1959 — NOSKIEWICZ 1959a: 35-37.

***Colletes nanellus* COCKERELL 1945**

*Colletes nanellus* COCKERELL 1945 — COCKERELL 1945: 805-806.

*Colletes lactescens* COCKERELL 1946 — COCKERELL 1945(1946): 845-846.

***Colletes nanus* FRIESE 1898**

*Colletes nanus* FRIESE 1898 — FRIESE 1898: 309.

***Colletes niveatus* KUHLMANN 2002**

*Colletes niveatus* KUHLMANN 2002 — KUHLMANN 2002a: 746-747.

***Colletes penulatus* NOSKIEWICZ 1936**

*Colletes penulatus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 285-287.

***Colletes persicus* WARNCKE 1979**

*Colletes persicus* WARNCKE 1979 — WARNCKE 1979: 175-176.

***Colletes pumilus* MORICE 1904**

*Colletes pumilus* MORICE 1904 — MORICE 1904: 55-56.

***Colletes schwarzi* KUHLMANN 2002**

*Colletes schwarzi* KUHLMANN 2002 — KUHLMANN 2002a: 747-749.

***Colletes salsolae* COCKERELL 1934**

*Colletes salsolae* COCKERELL 1934 — COCKERELL 1934: 65.

***Colletes wahisi* KUHLMANN 2002**

*Colletes wahisi* KUHLMANN 2002 — KUHLMANN 2002a: 749-750.

**COLLETES DIODONTUS – GROUP**

***Colletes arabicus* KUHLMANN 2002**

*Colletes arabicus* KUHLMANN 2002 — KUHLMANN 2002a: 758-759.

***Colletes diodontus* BENOIST 1958**

*Colletes diodontus* BENOIST 1958 — BENOIST 1958: 164-165.

## **COLLETES LACUNATUS – GROUP**

### ***Colletes lacunatus* DOURS 1872**

*Colletes lacunatus* DOURS 1872 — DOURS 1872: 297.  
*Colletes braccatus* PEREZ 1895 — PEREZ 1895: 63.  
*Colletes grandis* FRIESE 1898 — FRIESE 1898: 308-309.  
*Colletes nursei* CAMERON 1907 — CAMERON 1907: 284-286.  
*Colletes deesensis* COCKERELL 1922 — COCKERELL 1922a: 248-249.

### ***Colletes gigas* COCKERELL 1918**

*Colletes gigas* COCKERELL 1918 — COCKERELL 1918: 158-159.

## **COLLETES TARDUS – GROUP**

### ***Colletes tardus* NOSKIEWICZ 1936**

*Colletes tardus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 294-297.

## **COLLETES FODIENS – GROUP**

### ***Colletes abeillei* PEREZ 1903**

*Colletes abeillei* PEREZ 1903 — PEREZ 1903: 223-224.

### ***Colletes daviesanus* SMITH 1846**

? *Apis canus* GMELIN 1790 — GMELIN 1790: 2791.  
*Colletes daviesanus* SMITH 1846 — SMITH 1846: 1278-1279.  
*Colletes daviesanus signatus* VERHOEFF 1890 — VERHOEFF 1890: 334.

### ***Colletes dinizi* KUHLMANN, ORTIZ & ORNOSA 2001**

*Colletes dinizi* KUHLMANN, ORTIZ & ORNOSA 2001 — ORTIZ-SÁNCHEZ, ORNOSA & KUHLMANN 2001: 447-451.

### ***Colletes edentuloides* KUHLMANN 2011**

*Colletes edentulus* KUHLMANN 2011 — KUHLMANN & Proshchalykin 2011: 24.

### ***Colletes edentulus* NOSKIEWICZ 1936**

*Colletes edentulus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 329-330.

### ***Colletes fodiens* (FOURCROY 1785)**

*Apis fodiens* FOURCROY 1785 — FOURCROY 1785: 444.  
? *Apis fosorius* RAZOUMOWSKY 1789 — RAZOUMOWSKY 1789: 220-221.  
*Apis pallidicincta* KIRBY 1802 — KIRBY 1802: 295.  
*Colletes kirgjsica* RADOSZKOWSKI 1867 — RADOSZKOWSKI 1867: 77-78.  
*Colletes fodiens hispanicus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 303-304.

### ***Colletes glaber* WARNCKE 1978**

*Colletes glaber* WARNCKE 1978 — WARNCKE 1978: 350-352.

### ***Colletes inexpectatus* NOSKIEWICZ 1936**

*Colletes inexpectatus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 325-327.  
*Colletes inexpectatus* NOSKIEWICZ 1936 — PRIDAL 1999: 55-60.

### ***Colletes noskiewiczzi* COCKERELL 1942**

*Colletes albescens* NOSKIEWICZ 1936 (nec CRESSON 1868) — NOSKIEWICZ 1936: 330-332.  
*Colletes noskiewiczzi* COCKERELL 1942 — COCKERELL 1942: 60.  
*Colletes noskiewiczzi* STEPHEN 1952 — STEPHEN 1952: 355.

### ***Colletes patellatus* PEREZ 1905**

*Colletes patellatus* PEREZ 1905 — PEREZ 1905: 38-39.  
*Colletes kobensis* COCKERELL 1926 — COCKERELL 1926: 81.

### ***Colletes pauljohni* KUHLMANN 2002**

*Colletes pauljohni* KUHLMANN 2002 — KUHLMANN 2002a: 750-751.

### ***Colletes perforator* SMITH 1869**

*Colletes perforator* SMITH 1869 — SMITH 1869: 205.  
*Colletes vogti* PEREZ 1905 — PEREZ 1905: 39.

***Colletes ravulus* NOSKIEWICZ 1936**

*Colletes ravulus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 335-337.

***Colletes similis* SCHENCK 1853**

*Colletes similis* SCHENCK 1853 (nec ROBERTSON 1904, nec JOERGENSEN 1912) — SCHENCK 1853: 172.

*Colletes picistigma* THOMSON 1872 — THOMSON 1872: 165-166.

***Colletes tuberculatus* MORAWITZ 1894**

*Colletes tuberculatus* MORAWITZ 1894 — MORAWITZ 1894: 80-81.

*Colletes daviesanus tuberculatus* MORAWITZ 1894 — WARNCKE 1978: 349-350.

***Colletes tuberculatus anatolicus* NOSKIEWICZ 1959**

*Colletes tuberculatus anatolicus* NOSKIEWICZ 1959 — NOSKIEWICZ 1959b: 513-515.

***Colletes tuberculatus siculus* NOSKIEWICZ 1959**

*Colletes tuberculatus siculus* NOSKIEWICZ 1959 — NOSKIEWICZ 1959b: 511-513.

***Colletes tuberculiger* NOSKIEWICZ 1936**

*Colletes tuberculiger* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 333-335.

*Colletes daviesanus tuberculiger* NOSKIEWICZ 1936 — WARNCKE 1978: 349.

***Colletes xuechengensis* KUHLMANN 2007**

*Colletes xuechengensis* KUHLMANN 2007 — KUHLMANN 2007: 465-466.

**COLLETES SENILIS – GROUP**

***Colletes desertorum* KUHLMANN 2002**

*Colletes desertorum* KUHLMANN 2002 — KUHLMANN 2002a: 751-753.

***Colletes hakkari* KUHLMANN 2002**

*Colletes hakkari* KUHLMANN 2002 — KUHLMANN 2002a: 753-755.

***Colletes hiekeseniori* KUHLMANN 2003**

*Colletes hiekeseniori* KUHLMANN 2003 — KUHLMANN 2003a: 730-731.

***Colletes laevifrons* MORAWITZ 1894**

*Colletes laevifrons* MORAWITZ 1894 — MORAWITZ 1894: 81-82.

***Colletes mlokoszewiczi* RADOSZKOWSKI 1891**

*Colletes mlokoszewiczi* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 254.

*Colletes brevicornis* PEREZ 1903 (nec ROBERTSON 1897) — PEREZ 1903: 226-227.

*Colletes brachycerus* SWENK 1906 — SWENK 1906: 44.

***Colletes senilis* (EVERSMANN 1852)**

*Andrena senilis* EVERSMANN 1852 (nec SMITH 1879) — EVERSMANN 1852: 21-22.

*Colletes juvenculus* EVERSMANN 1852 — EVERSMANN 1852: 46.

***Colletes subnitens* NOSKIEWICZ 1936**

*Colletes subnitens* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 345-346.

**COLLETES FOVEOLARIS – GROUP**

***Colletes annapurnensis* KUHLMANN 2002**

*Colletes annapurnensis* KUHLMANN 2002 — KUHLMANN & DORN 2002: 103-104.

***Colletes brumalis* NOSKIEWICZ 1936**

*Colletes brumalis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 376-378.

***Colletes coriandri* PEREZ 1895**

*Colletes coriandri* PEREZ 1895 — PEREZ 1895: 62.

***Colletes escalerae* NOSKIEWICZ 1936**

*Colletes escalerae* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 361-364.

*Colletes coriandri escalerae* NOSKIEWICZ 1936 — WARNCKE 1978: 347.

***Colletes foveolaris* PEREZ 1903**

*Colletes foveolaris* PEREZ 1903 — PEREZ 1903: 223.

*Colletes sericeus* PEREZ 1903 — PEREZ 1903: 226.  
*Colletes phalericus* MORICE 1904 — MORICE 1904: 53-54.

***Colletes gandhi* KUHLMANN 2003**

*Colletes gandhi* KUHLMANN 2003 — KUHLMANN 2003b: 892-894.

***Colletes judaicus* NOSKIEWICZ 1955**

*Colletes judaicus* NOSKIEWICZ 1955 — NOSKIEWICZ 1955: 89-90.  
*Colletes coriandri judaicus* NOSKIEWICZ 1955 — WARNCKE 1978: 348.

***Colletes laevigena* NOSKIEWICZ 1936**

*Colletes laevigena* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 368-372.

***Colletes luzhouensis* KUHLMANN 2007**

*Colletes luzhouensis* KUHLMANN 2007 — KUHLMANN 2007: 467-469.

***Colletes moricei* SAUNDERS 1904**

*Colletes moricei* SAUNDERS 1904 — SAUNDERS 1904: 229-230.  
*Colletes coriandri moricei* SAUNDERS 1904 — WARNCKE 1978: 347.

***Colletes pseudolaevigena* KUHLMANN 2002**

*Colletes pseudolaevigena* KUHLMANN 2002 — KUHLMANN 2002b: 1158-1159.

***Colletes reinigi* NOSKIEWICZ 1936**

*Colletes reinigi* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 372-376.

***Colletes westghats* KUHLMANN 2003**

*Colletes westghats* KUHLMANN 2003 — KUHLMANN 2003b: 894-895.

**COLLETES ACUTUS – GROUP**

***Colletes acutiformis* NOSKIEWICZ 1936**

*Colletes acutiformis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 382-385.  
*Colletes acutus acutiformis* NOSKIEWICZ 1936 — WARNCKE 1978: 362.

***Colletes acutus* PEREZ 1903**

*Colletes acutus* PEREZ 1903 — PEREZ 1903: 228-229.

**COLLETES FORMOSUS – GROUP**

***Colletes formosus* PEREZ 1895**

*Colletes formosus* PEREZ 1895 — PEREZ 1895: 62.

***Colletes rozeni* KUHLMANN 2005**

*Colletes rozeni* KUHLMANN 2005 — KUHLMANN 2005a: 1399-1400.

**COLLETES CARINIGER – GROUP**

***Colletes cariniger* PEREZ 1903**

*Colletes cariniger* PEREZ 1903 — PEREZ 1903: 228.  
*Colletes cariniger graecus* NOSKIEWICZ 1959 — NOSKIEWICZ 1959b: 515-518.

**COLLETES CUNICULARIUS – GROUP**

***Colletes armeniacus* (FRIESE 1921)**

*Melittoides armeniaca* FRIESE 1921 — FRIESE 1921: 180.

***Colletes cunicularius* (LINNAEUS 1761)**

*Apis cunicularia* LINNAEUS 1761 — LINNAEUS 1761: 422.  
*Apis cinerea* GEOFFROY in FOURCROY 1785 — FOURCROY 1785: 444.  
*Colletes hirtus* LEPELETIER 1825 — LEPELETIER 1825: 406.  
*Colletes pilosus* SPINOLA 1838 — SPINOLA 1838: 507.  
*Colletes cunicularius infuscatus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 396-398.

*Colletes cunicularius celticus* O'TOOLE 1974 — O'TOOLE 1974: 163-167.  
*Colletes cunicularius tauricus* WARNCKE 1978 — WARNCKE 1978: 365-366.  
*Colletes cunicularius khasanensis* OSYTSHNJUK 1995 — OSYTSHNJUK & ROMANKOVA 1995: 482.

***Colletes caskanus* (STRAND 1919)**

*Andrena caskana* STRAND 1919 — STRAND 1919: 45.  
*Colletes dofleini* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 398-400.  
*Colletes caskanus chagrinus* WARNCKE 1978 — WARNCKE 1978: 366-367.

**COLLETES MEYERI – GROUP**

***Colletes meyeri* NOSKIEWICZ 1936**

*Colletes meyeri* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 401-405.

**COLLETES ANCHUSAE – GROUP**

***Colletes anchusae* NOSKIEWICZ 1924**

*Colletes anchusae* NOSKIEWICZ 1924 — NOSKIEWICZ 1924: 118-120, 122-125.

***Colletes wolfi* KUHLMANN 1999**

*Colletes wolfi* KUHLMANN 1999 — KUHLMANN 1999: 72-73, 81.

**COLLETES CLYPEARIS – GROUP**

***Colletes asiaticus* KUHLMANN 1999**

*Colletes griseus* NOSKIEWICZ 1936 (nec COCKERELL 1930) — NOSKIEWICZ 1936: 442-444.  
*Colletes floralis griseus* NOSKIEWICZ 1936 — WARNCKE 1978: 354.  
*Colletes asiaticus* KUHLMANN 1999 — KUHLMANN 1999: 73.

***Colletes atlassus* KUHLMANN 2002**

*Colletes atlassus* KUHLMANN 2002 — KUHLMANN 2002a: 755-756.

***Colletes babai* HIRASHIMA & TADAUCHI 1979**

*Colletes babai* HIRASHIMA & TADAUCHI 1979 — HIRASHIMA & TADAUCHI 1979: 115-121.

***Colletes cinerascens* MORAWITZ 1894**

*Colletes cinerascens* MORAWITZ 1894 — MORAWITZ 1894: 80.

***Colletes clypearis* MORAWITZ 1876**

*Colletes clypearis* MORAWITZ 1876 — MORAWITZ 1876: 268-269.

***Colletes ebmeri* KUHLMANN 2002**

*Colletes ebmeri* KUHLMANN 2002 — KUHLMANN & DORN 2002: 95-96.

***Colletes floralis* EVERSMAAN 1852**

*Colletes floralis* EVERSMAAN 1852 — EVERSMAAN 1852: 46.  
*Colletes montanus* MORAWITZ 1876 — MORAWITZ 1876: 262-263.  
*Colletes suecica* AUREVILLIUS 1903 — AURIVILLIUS 1903: 214-215.  
*Colletes kudiensis* COCKERELL 1924 — COCKERELL 1924: 594-595.  
*Colletes yasumatsui* HIRASHIMA & IKUDOME 1989 — IKUDOME 1989: 109-117.

***Colletes friesei* COCKERELL 1918**

*Colletes mongolicus* FRIESE 1913 (nec PEREZ 1903) — FRIESE 1913: 59.  
*Colletes friesei* COCKERELL 1918 — COCKERELL 1918: 159.

***Colletes fulvicornis* NOSKIEWICZ 1936**

*Colletes fulvicornis* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 416-420.

***Colletes harrerri* KUHLMANN 2002**

*Colletes harrerri* KUHLMANN 2002 — KUHLMANN 2002b: 1162-1164.

***Colletes haubrugei* KUHLMANN 2002**

*Colletes haubrugei* KUHLMANN 2002 — KUHLMANN 2002b: 1159-1162.

***Colletes hedini* KUHLMANN 2002**

*Colletes hedini* KUHLMANN 2002 — KUHLMANN 2002b: 1164-1167.

***Colletes himalayensis* KUHLMANN 2002**

*Colletes himalayensis* KUHLMANN 2002 — KUHLMANN 2002b: 1167-1168.

***Colletes impunctatus* NYLANDER 1852**

*Colletes impunctatus* NYLANDER 1852 — NYLANDER 1852: 249.

*Colletes alpinus* MORAWITZ 1872 — MORAWITZ 1872: 373-374.

***Colletes integer* NOSKIEWICZ 1936**

*Colletes integer* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 427-429.

***Colletes jankowskyi* RADOSZKOWSKI 1891**

*Colletes jankowskyi* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 253-254.

*Colletes ventralis* PEREZ 1903 — PEREZ 1903: 225.

*Colletes ventraliformis* COCKERELL 1924 — COCKERELL 1924: 595-596.

***Colletes paratibeticus* KUHLMANN 2002**

*Colletes paratibeticus* KUHLMANN 2002 — KUHLMANN & DORN 2002: 104-105.

***Colletes pseudocinerascens* NOSKIEWICZ 1936**

*Colletes pseudocinerascens* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 424-427.

***Colletes radoszkowskii* NOSKIEWICZ 1936**

*Colletes radoszkowskii* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 452-455.

*Colletes floralis karadagi* WARNCKE 1978 — WARNCKE 1978: 355-356.

***Colletes sanctus* COCKERELL 1910**

*Colletes sanctus* COCKERELL 1910 — COCKERELL 1910: 241-242.

***Colletes schmidi* NOSKIEWICZ 1962**

*Colletes schmidi* NOSKIEWICZ 1962 — NOSKIEWICZ 1962: 49-51.

*Colletes floralis schmidi* NOSKIEWICZ 1962 — WARNCKE 1978: 354.

***Colletes sidemii* RADOSZKOWSKI 1891**

*Colletes sidemii* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 252-253.

*Colletes mongolicus* PEREZ 1903 — PEREZ 1903: 224-225.

***Colletes sodalis* (CAMERON 1897)**

*Andrena sodalis* CAMERON 1897 — CAMERON 1897: 121-122.

*Colletes honoratus* COCKERELL 1922 — COCKERELL 1922b: 363.

***Colletes tadschikus* KUHLMANN 2002**

*Colletes tadschikus* KUHLMANN 2002 — KUHLMANN & DORN 2002: 105-106.

***Colletes tibeticus* KUHLMANN 2002**

*Colletes tibeticus* KUHLMANN 2002 — KUHLMANN 2002b: 1168-1169.

***Colletes ulrikae* KUHLMANN 2002**

*Colletes ulrikae* KUHLMANN 2002 — KUHLMANN & DORN 2002: 106-108.

***Colletes warncke* KUHLMANN 2002**

*Colletes warncke* KUHLMANN 2002 — KUHLMANN 2002a: 757-758.

***Colletes yemensis* NOSKIEWICZ 1929**

*Colletes yemensis* NOSKIEWICZ 1929 — NOSKIEWICZ 1929: 211-215.

**COLLETES CONRADTI – GROUP**

***Colletes conradti* NOSKIEWICZ 1936**

*Colletes conradti* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 459-462.

**COLLETES MARGINATUS – GROUP**

***Colletes chengtehensis* YASUMATSU 1935**

*Colletes chengtehensis* YASUMATSU 1935 — YASUMATSU 1935: 1-2, 35-36, Plate 1.

*Colletes pallescens* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 468-469.

*Colletes tsunekii* YASUMATSU 1948 — YASUMATSU 1946(1948): 19.  
*Colletes marginatus pallescens* NOSKIEWICZ 1936 — WARNCKE 1978: 358.

***Colletes hethiticus* WARNCKE 1978**

*Colletes marginatus hethiticus* WARNCKR 1978 — WARNCKE 1978: 358-359.

***Colletes indicus* KUHLMANN 2003**

*Colletes indicus* KUHLMANN 2003 — KUHLMANN 2003b: 895.

***Colletes marginatus* SMITH 1846**

*Colletes marginatus* SMITH 1846 (nec SPINOLA 1851) — SMITH 1846: 1277-1278.  
*Colletes thomsoni* ALFKEN 1899 — ALFKEN 1899: 146-147.

***Colletes pulchellus* PEREZ 1903**

*Colletes pulchellus* PEREZ 1903 — PEREZ 1903: 230.  
*Colletes marginatus pulchellus* PÉREZ 1903 — WARNCKE 1978: 358.  
*Colletes ibericus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 471-473.

***Colletes sierrensis* FREY-GESSNER 1901**

*Colletes sierrensis* FREY-GESSNER 1901 — FREY-GESSNER 1901: 154.

**COLLETES SUCCINCTUS – GROUP**

***Colletes arsenjevi* KUHLMANN 2006**

*Colletes arsenjevi* KUHLMANN 2006 — KUHLMANN & QUEST 2006: 2-4.

***Colletes bhutanicus* KUHLMANN 2003**

*Colletes bhutanicus* KUHLMANN 2003 — KUHLMANN 2003a: 732-733.

***Colletes bischoffi* NOSKIEWICZ 1936**

*Colletes bischoffi* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 485-486.

***Colletes brevigena* NOSKIEWICZ 1936**

*Colletes brevigena* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 480-481.

***Colletes collaris* DOURS 1872**

*Colletes collaris* DOURS 1872 — DOURS 1872: 296-297.  
*Colletes incertus* RADOSZKOWSKI 1891 — RADOSZKOWSKI 1891: 252.  
*Colletes frigidus* PEREZ 1903 — PEREZ 1903: 227-228.  
*Andrena riukiensis* MATSUMURA 1926 — MATSUMURA 1926: 69.

***Colletes halophilus* VERHOEFF 1944**

? *Apis invictus* HARRIS 1776 — HARRIS 1776: 134.  
*Colletes succinctus halophilus* VERHOEFF 1944 — VERHOEFF 1943 (1944): 41-42.  
*Colletes succinctus invictus* (HARRIS 1776) — WARNCKE 1978: 360.

***Colletes hederæ* SCHMIDT & WESTRICH 1993**

*Colletes hederæ* SCHMIDT & WESTRICH 1993 — SCHMIDT & WESTRICH 1993: 91-92.

***Colletes intricans* SPINOLA 1838**

*Colletes succinctus intricans* SPINOLA 1838 — SPINOLA 1838: 507-508.  
*Colletes kervillei* PEREZ 1907 — PEREZ 1907: 20-21.  
*Colletes succinctus aegyptiacus* NOSKIEWICZ 1936 — NOSKIEWICZ 1936: 479-480.  
*Colletes intricans* SPINOLA 1838 — KUHLMANN 2003a: 733-735.

***Colletes iranicus* NOSKIEWICZ 1962**

*Colletes iranicus* NOSKIEWICZ 1962 — NOSKIEWICZ 1962: 51-53.  
*Colletes succinctus iranicus* NOSKIEWICZ 1962 — WARNCKE 1978: 360.

***Colletes pannonicus* HÖLZLER & MAZZUCCO 2011**

*Colletes pannonicus* HÖLZLER & MAZZUCCO 2011 — HÖLZLER & MAZZUCCO 2011: 274-276.

***Colletes reticulatus* (CAMERON 1897)**

*Andrena reticulata* CAMERON 1897 — CAMERON 1897: 115.  
*Andrena saevissima* CAMERON 1897 — CAMERON 1897: 115-117.  
*Andrena phaedra* CAMERON 1897 — CAMERON 1897: 120-121.

***Colletes standfussi* KUHLMANN 2003**

*Colletes standfussi* KUHLMANN 2003 — KUHLMANN 2003a: 735-736.

***Colletes succinctus* (LINNAEUS 1758)**

*Apis succincta* LINNAEUS 1758 — LINNAEUS 1758: 576.  
*Apis glutinans* CUVIER 1798 — CUVIER 1798: 494.  
*Apis calendarum* PANZER 1806 — PANZER 1806: 208-209.  
*Colletes balteatus* NYLANDER 1852 — NYLANDER 1852: 248.  
*Andrena xanthothorax* EVERSMAAN 1852 — EVERSMAAN 1852: 18.

***Colletes taiwanensis* DUBITZKY & KUHLMANN 2004**

*Colletes taiwanensis* DUBITZKY & KUHLMANN 2004 — DUBITZKY & KUHLMANN 2004: 272-278.

**COLLETES GRAEFFEI – GROUP**

***Colletes graeffei* ALFKEN 1900**

*Colletes graeffei* ALFKEN 1900 — ALFKEN 1900: 74-76.

**COLLETES ALBOMACULATUS – GROUP**

***Colletes albomaculatus* (LUCAS 1849)**

*Halictus albomaculatus* LUCAS 1849 — LUCAS 1849: 183.  
*Colletes spectabilis* MORAWITZ 1868 — MORAWITZ 1868: 154-155.  
*Colletes niveofasciatus* DOURS 1872 — DOURS 1872: 295-296.

***Colletes alfkeni* NOSKIEWICZ 1958**

*Colletes alfkeni* NOSKIEWICZ 1958 — NOSKIEWICZ 1958b: 512-515.

***Colletes dorsalis* MORAWITZ 1888**

*Colletes dorsalis* MORAWITZ 1888 — MORAWITZ 1888: 242-243.  
*Colletes fasciatus* RADOSZKOWSKI 1891 (nec SMITH 1853) — RADOSZKOWSKI 1891: 256.  
*Colletes rossicus* DALLA TORRE 1896 — DALLA TORRE 1896: 44.

***Colletes punctatus* MOCSARY 1877**

*Colletes punctatus* MOCSARY 1877 — MOCSARY 1877: 231-232.

**COLLETES NASUTUS – GROUP**

***Colletes nasutus* SMITH 1853**

*Colletes nasutus* SMITH 1853 — SMITH 1853: 3.

**SPECIES OF DOUBTFUL PLACEMENT**

***Colletes dorni* KUHLMANN 2002**

*Colletes dorni* KUHLMANN 2002 — KUHLMANN & DORN 2002: 101.

***Colletes dudgeonii* BINGHAM 1897**

*Colletes dudgeonii* BINGHAM 1897 — BINGHAM 1897: 409.  
*Colletes dentata* CAMERON 1898 — CAMERON 1898: 49-51.

***Colletes microdontoides* KUHLMANN 2003**

*Colletes microdontoides* KUHLMANN 2003 — KUHLMANN 2003a: 736-738.

***Colletes sichuanensis* KUHLMANN 2007**

*Colletes sichuanensis* KUHLMANN 2007 — KUHLMANN 2007: 469-471.

***Colletes wacki* KUHLMANN 2002**

*Colletes wacki* KUHLMANN 2002 — KUHLMANN & DORN 2002: 102-103.

## **NOMINA DUBIA**

The type material of the following species is untraceable and the descriptions too poor for an unequivocal recognition of the species. Hence, these names are treated as nomina dubia.

### ***Colletes clypeatus* MOCSARY 1901**

*Colletes clypeatus* MOCSARY 1901 — MOCSARY 1901: 165.

### ***Colletes constrictus* PEREZ 1903**

*Colletes constrictus* PEREZ 1903 — PEREZ 1903: 225-226.

### ***Colletes dentiventris* DOURS 1872**

*Colletes dentiventris* DOURS 1872 — DOURS 1872: 298.

### ***Colletes lucasi* PEREZ 1895**

*Colletes lucasi* PEREZ 1895 — PEREZ 1895: 62-63.

### ***Colletes simus* PEREZ 1903**

*Colletes simus* PEREZ 1903 — PEREZ 1903: 227.

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