

NEW NAMES FOR THE PREOCCUPIED SPECIFIC AND SUBSPECIFIC EPITHETS IN THE GENUS *CAMPONOTUS* MAYR, 1861 (HYMENOPTERA: FORMICIDAE)

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ABSTRACT. According to the International Code of Zoological Nomenclature (ICZN, 1999), *Camponotus alii concolor* Dalla Torre, 1893; *Camponotus* (*Myrmobrachys*) *brasiliensis antennatus* Santschi, 1925; *Camponotus compressus nitens* Bernard, 1953; *Camponotus dentatus humeralis* Wheeler, 1934; *Camponotus foleyi hoggarensis* Bernard, 1953; *Camponotus fuscipennis* Carpenter, 1930; *Camponotus grandidieri mendax* Emery, 1895; *Camponotus hova luteolus* Emery, 1925; *Camponotus irritans puberulus* Emery, 1920; *Camponotus melanoticus nigrescens* Santschi, 1939; *Camponotus mutilatus luteiventris* Stitz, 1938; *Camponotus olivieri nitidior* Santschi, 1926; *Camponotus saussurei* Theobald, 1937 and *Camponotus transvaalensis arnoldi* Prins, 1965 are not correct because the specific or subspecific epithets are illegitimate. The author request the replacement names of the specific and subspecific epithets *concolor* Dalla Torre, 1893; *antennatus* Santschi, 1925; *nitens* Bernard, 1953; *humeralis* Wheeler, 1934; *hoggarensis* Bernard, 1953; *fuscipennis* Carpenter, 1930; *mendax* Emery, 1895; *luteolus* Emery, 1925; *puberulus* Emery, 1920; *nigrescens* Santschi, 1939; *luteiventris* Stitz, 1938; *nitidior* Santschi, 1926; *saussurei* Theobald, 1937 and *arnoldi* Prins, 1965 and he suggest *dallatorrei* nom. nov., *costaricanus* nom. nov., *bernardi* nom. nov., *fijianus* nom. nov., *pseudocompressus* nom. nov., *carpenteri* nom. nov., *eumendax* nom. nov., *cemeryi* nom. nov., *sumatranus* nom. nov., *kempfi* nom. nov., *stitzii* nom. nov., *zaireicus* nom. nov., *theobaldi* nom. nov. and *prinsi* nom. nov. respectively. Accordingly, new combinations are herein proposed for the species and subspecies: *Camponotus alii dallatorrei* nom. nov. pro *Camponotus alii concolor* Dalla Torre, 1893 syn. n., *Camponotus brasiliensis costaricanus* nom. nov. pro *Camponotus brasiliensis antennatus* Santschi, 1925 syn. n., *Camponotus compressus bernardi* nom. nov. pro *Camponotus compressus nitens* Bernard, 1953 syn. n., *Camponotus dentatus fijianus* nom. nov. pro *Camponotus dentatus humeralis* Wheeler, 1934 syn. n., *Camponotus foleyi pseudocompressus* nom. nov. pro *Camponotus foleyi hoggarensis* Bernard, 1953 syn. n., *Camponotus carpenteri* nom. nov. pro *Camponotus fuscipennis* Carpenter, 1930 syn. n., *Camponotus grandidieri eumendax* nom. nov. pro *Camponotus grandidieri mendax* Emery, 1895 syn. n., *Camponotus hova cemeryi* nom. nov. pro *Camponotus hova luteolus* Emery, 1925 syn. n., *Camponotus irritans sumatranus* nom. nov. pro *Camponotus irritans puberulus* Emery, 1920 syn. n., *Camponotus melanoticus kempfi* nom. nov. pro *Camponotus melanoticus nigrescens* Santschi, 1939 syn. n., *Camponotus mutilatus stitzii* nom. nov. pro *Camponotus mutilatus luteiventris* Stitz, 1938 syn. n., *Camponotus olivieri zaireicus* nom. nov. pro *Camponotus olivieri nitidior* Santschi, 1926 syn. n., *Camponotus theobaldi* nom. nov. pro *Camponotus saussurei* Théobald, 1937 syn. n., *Camponotus transvaalensis prinsi* nom. nov. pro *Camponotus transvaalensis arnoldi* Prins, 1965 syn. n..

KEY WORDS. Nomenclatural change, homonymy, replacement name, Hymenoptera, Formicidae, *Camponotus*.

Family FORMICIDAE
Genus CAMPONOTUS Mayr, 1861

Sp. CAMPONOTUS ALII Forel, 1890
Ssp. CAMPONOTUS ALII DALLATORREI nom. nov.

Camponotus alii concolor Dalla Torre, 1893. Catalogus hymenopterorum huiusque descriptorum systematicus et synonymicus. Vol. 7 Formicidae (Heterogyna). Lipsiae, 221. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus concolor* Forel, 1891. In: Grandidier, A. *Histoire Physique, Naturelle et Politique de Madagascar* 20. Histoire naturelle des Hyménoptères. 2 (fascicule 28). Les Formicides, 214. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus alii concolor* Dalla Torre, 1893 and *Camponotus concolor* Forel, 1891 were included in the family Formicidae.

The specific epithet *concolor* was initially introduced by Forel (1891) with the original combination *Camponotus concolor* Forel, 1891 from Madagascar. It is still used as a valid species name. According to Bolton (1995), it is a senior synonym of *Camponotus gallienii* Forel, 1916 that is an unnecessary replacement name.

Subsequently, Dalla Torre (1893) described a new variety of the species *Camponotus alii* from Algeria with the same subspecific epithet as *Camponotus alii* var. *concolor* Dalla Torre, 1893 by original combination. The name was firstly used by Forel (1890) as *Camponotus rubripes* r. *alii* var. *concolor*. However, it is an unavailable name. *Camponotus alii concolor* Dalla Torre, 1893 is also still used as a valid subspecies name.

Camponotus concolor Forel, 1891 has priority over *Camponotus alii concolor* Dalla Torre, 1893. Thus, *Camponotus alii concolor* Dalla Torre, 1893 is illegitimate and consequently can not be correct. The name *Camponotus alii concolor* Dalla Torre, 1893 is a primary junior homonym of the name *Camponotus concolor* Forel, 1891. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *concolor* Dalla Torre, 1893 the replacement name *dallatorrei* nom. nov..

Etimology: The name is dedicated to C. G. de Dalla Torre who is the current author of the preexisting subspecies *C. alii concolor*.

Summary of nomenclatural changes:

Species *Camponotus alii* Forel, 1890

[orig. comb.: *Camponotus rubripes* r. *alii* Forel, 1890 from Algeria; raised to species by Dalla Torre (1893)]

Subspecies *Camponotus alii alii* Forel, 1890

Subspecies *Camponotus alii auresi* Emery, 1920

[orig. comb.: *Camponotus (Myrmoturba) alii* var. *auresi* Emery, 1920 from Algeria. It was firstly used by Forel (1909) as *Camponotus maculatus alii* var. *auresi* Forel, 1909 that is an unavailable name]

Subspecies *Camponotus alii dallatorrei* **nom. nov.**

pro *Camponotus alii concolor* Dalla Torre, 1893 **syn. n.**, [nec *Camponotus concolor* Forel, 1891]

[orig. comb.: *Camponotus alii* var. *concolor* Dalla Torre, 1893 from Algeria. It was firstly used by Forel (1890) as *Camponotus rubripes* r. *alii* var. *concolor* Forel, 1890 that is an unavailable name]

Subspecies *Camponotus alii hoggarensis* Santschi, 1929

[orig. comb. *Camponotus (Myrmoturba) seurati* var. *hoggarensis* Santschi, 1929 from Algeria. It was ranked by Bernard (1953) as a subspecies of *alii*]

Sp. **CAMPONOTUS BRASILIENSIS** Mayr, 1862

Ssp. **CAMPONOTUS BRASILIENSIS COSTARICANUS** nom. nov.

Camponotus brasiliensis antennatus Santschi, 1925. Bull. An. Soc. Ent. Belg., 65, 246. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus canescens antennatus* Santschi, 1920. An. Soc. Cient. Argent., 89, 126. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus brasiliensis antennatus* Santschi, 1925 and *Camponotus canescens antennatus* Santschi, 1920 were included in the family Formicidae.

The subspecific epithet *antennatus* was initially introduced by Santschi (1920a) with the original combination *Camponotus (Myrmobrachys) canescens* var. *antennata* Santschi, 1920 from Bolivia. It is still used as a valid subspecies name of *C. canescens* Mayr, 1870.

Subsequently, Santschi (1925) also described a new variety of the species *Camponotus brasiliensis* from Costa Rica with the same subspecific epithet as *Camponotus (Myrmobrachys) brasiliensis* var. *antennatus* Santschi, 1925 by original combination. It is also still used as a valid subspecies name of the species *C. brasiliensis* Mayr, 1862.

Camponotus canescens antennatus Santschi, 1920 has priority over *Camponotus brasiliensis antennatus* Santschi, 1925. Thus, *Camponotus brasiliensis antennatus* Santschi, 1925 is illegitimate and consequently can not be correct. The name *Camponotus brasiliensis antennatus* Santschi, 1925 is a primary junior homonym of the name *Camponotus canescens antennatus* Santschi, 1920. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *antennatus* Santschi, 1925 the replacement name *costaricanus* nom. nov..

Etimology: from the country Costa Rica which is the distribution area of the subspecies.

Summary of nomenclatural changes:

Species *Camponotus brasiliensis* Mayr, 1862

[orig. comb.: *Camponotus brasiliensis* Mayr, 1862 from Brasil]

Subspecies *Camponotus brasiliensis brasiliensis* Mayr, 1862

Subspecies *Camponotus brasiliensis chacoensis* Mayr, 1862

[orig. comb.: *Camponotus (Myrmobrachys) brasiliensis* var. *chacoensis* Santschi, 1919 from Argentina]

Subspecies *Camponotus brasiliensis clivius* Mayr, 1862

[orig. comb.: *Camponotus (Myrmobrachys) crassus* var. *clivia* Emery, 1925 from Brasil. It was ranked by Kempf (1972) as a subspecies of *C. brasiliensis*. The name was

firstly used as *Camponotus crassus* r. *brasiliensis* var. *clivia* Forel, 1912 that is an unavailable name.]

Subspecies *Camponotus brasiliensis costaricanus* **nom. nov.**

pro *Camponotus brasiliensis antennatus* Santschi, 1925 **syn. n.**, [nec *Camponotus canescens antennatus* Santschi, 1920]

[orig. comb.: *Camponotus (Myrmobrachys) brasiliensis* var. *antennatus* Santschi, 1925 from Costa Rica]

Sp. CAMPONOTUS COMPRESSUS (Fabricius, 1787)

Ssp. CAMPONOTUS COMPRESSUS BERNARDI nom. nov.

Camponotus compressus nitens Bernard, 1953. Memoires de l'Institut Français d'Afrique Noire, 19, 194. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus nitens* Mayr, 1870. Sitzungsber. Kais. Akad. Wiss. Wien Math.-Naturwiss. Cl. Abt. I, 61, 378. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus compressus nitens* Bernard, 1953 and *Camponotus nitens* Mayr, 1870 were included in the family Formicidae.

The specific epithet *nitens* was initially introduced by Mayr (1870) with the original combination *Camponotus nitens* Mayr, 1870 from Colombia. It is still used as a valid species name.

Subsequently, Bernard (1953) described a new subspecies of the species *Camponotus compressus* (Fabricius, 1787) from Algeria with the same subspecific epithet as *Camponotus compressus nitens* Bernard, 1953 by original combination. It is also still used as a valid subspecies name.

Camponotus nitens Mayr, 1870 has priority over *Camponotus compressus nitens* Bernard, 1953. Thus, *Camponotus compressus nitens* Bernard, 1953 is illegitimate and consequently can not be correct. The name *Camponotus compressus nitens* Bernard, 1953 is a primary junior homonym of the name *Camponotus nitens* Mayr, 1870. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *nitens* Bernard, 1953 the replacement name *bernardi* nom. nov..

Etimology: The name is dedicated to F. Bernard who is the current author of the preexisting subspecies *C. compressus nitens*.

Summary of nomenclatural changes:

Species *Camponotus compressus* (Fabricius, 1787)

[orig. comb.: *Formica compressa* Fabricius, 1787 from India]

Subspecies *Camponotus compressus bernardi* **nom. nov.**

pro *Camponotus compressus nitens* Bernard, 1953 **syn. n.**, [nec *Camponotus nitens* Mayr, 1870]

[orig. comb.: *Camponotus compressus nitens* Bernard, 1953 from Algeria]

Subspecies *Camponotus compressus brullei* (Smith, 1858)

[orig. comb.: *Formica brullei* Smith, 1858 from Canary Islands. Replacement name for *Formica carinata* Brullé, 1840 that is a primary junior homonym of *Formica carinata* Fabricius, 1804]

Subspecies *Camponotus compressus compressus* (Fabricius, 1787)

Subspecies *Camponotus compressus cosensis* Finzi, 1939

[orig. comb.: *Camponotus (Tanaemyrmex) compressus* var. *cosensis* Finzi, 1939 from Greece. It was firstly used as *Camponotus maculatus* r. *sanctus* var. *cosensis* Forel, 1904 that is an unavailable name]

Subspecies *Camponotus compressus irakensis* Menozzi, 1927

[orig. comb.: *Camponotus (Tanaemyrmex) compressus* var. *irakensis* Menozzi, 1927 from Iraq]

Subspecies *Camponotus compressus martensi* Forel, 1907

[orig. comb.: *Camponotus maculates martensi* Forel, 1907 from Algeria]

Subspecies *Camponotus compressus occipitalis* Stitz, 1917

[orig. comb.: *Camponotus (Myrmoturba) maculatus* r. *occipitalis* Stitz, 1917 from Algeria]

Subspecies *Camponotus compressus probativus* Santschi, 1921

[orig. comb.: *Camponotus (Myrmoturba) compressus* st. *probativus* Santschi, 1921 from Mozambique]

Subspecies *Camponotus compressus rectinotus* Santschi, 1921

[orig. comb.: *Camponotus compressus* st. *rectinota* Santschi, 1921 from Libya. It was firstly used as *Camponotus (Myrmoturba) maculatus* r. *samius* var. *rectinotus* Stitz, 1917 that is an unavailable name]

Subspecies *Camponotus compressus symiensis* Forel, 1910

[orig. comb.: *Camponotus maculates symiensis* Forel, 1910 from Greece]

Sp. CAMPONOTUS DENTATUS (Mayr, 1866)

Ssp. CAMPONOTUS DENTATUS FIJIANUS nom. nov.

Camponotus dentatus humeralis Wheeler, 1934. Ann. Entomol. Soc. Am., 27, 416. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus humeralis* Emery, 1920. Bull. Soc. Entomol. Ital., 52, 47. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus dentatus humeralis* Wheler, 1934 and *Camponotus humeralis* Emery, 1920 were included in the family Formicidae.

The specific epithet *humeralis* was initially introduced by Emery (1920a) with the original combination *Camponotus (Myrmeurynota) humeralis* Emery, 1920 from Peru. It is still used as a valid species name.

Subsequently, Wheeler (1934) described a new subspecies of the species *Camponotus dentatus* (Mayr, 1866) from Fiji Island with the same subspecific epithet as *Camponotus (Colobopsis) dentatus humeralis* Wheeler, 1934 by original combination. It is also still used as a valid subspecies name.

Camponotus humeralis Emery, 1920 has priority over *Camponotus dentatus humeralis* Wheler, 1934. Thus, *Camponotus dentatus humeralis* Wheler, 1934 is illegitimate and consequently can not be correct. The name *Camponotus dentatus humeralis* Wheler, 1934 is a primary junior homonym of the name *Camponotus humeralis* Emery, 1920. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *humeralis* Wheler, 1934 the replacement name *fijianus* nom. nov..

Etimology: from the country Fiji which is the distribution area of the subspecies.

Summary of nomenclatural changes:

Species *Camponotus dentatus* (Mayr, 1866)

[orig. comb.: *Colobopsis dentata* Mayr, 1866 from Fiji Island]

Subspecies *Camponotus dentatus dentatus* (Mayr, 1866)

Subspecies *Camponotus dentatus fijianus* **nom. nov.**

pro *Camponotus dentatus humeralis* Wheeler, 1934 **syn. n.**, [nec *Camponotus humeralis* Emery, 1920]

[orig. comb.: *Camponotus (Colobopsis) dentatus humeralis* Wheeler, 1934 from Fiji Island]

Sp. CAMPONOTUS FOLEYI SANTSCHI, 1939

Ssp. CAMPONOTUS FOLEYI PSEUDOCOMPRESSUS nom. nov.

Camponotus foleyi hoggarensis Bernard, 1953. Memoires de l'Institut Français d'Afrique Noire, 19, 191. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus alii hoggarensis* Santschi, 1929. Bull. Soc. Hist. Nat. Afr. Nord, 20, 104. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus foleyi hoggarensis* Bernard, 1953 and *Camponotus alii hoggarensis* Santschi, 1929 were included in the family Formicidae.

The subspecific epithet *hoggarensis* was initially introduced by Santschi (1929) with the original combination *Camponotus (Myrmoturba) seurati* var. *hoggarensis* Santschi, 1929 from Algeria. It was transferred by Bernard (1953) to the species *Camponotus alii* as a subspecies. It is still used as a valid subspecies name.

Subsequently, Bernard (1953) described a new subspecies of the species *Camponotus foleyi* Santschi, 1939 from Algeria with the same subspecific epithet as *Camponotus (Tanaemyrmex) foleyi hoggarensis* Bernard, 1953 by original combination. It was firstly used as *Camponotus (Tanaemyrmex) compressus foleyi* var. *hoggarensis* Bernard, 1948 that is an unavailable name. *Camponotus foleyi hoggarensis* Bernard, 1953 is also still used as a valid subspecies name.

Camponotus alii hoggarensis Santschi, 1929 has priority over *Camponotus foleyi hoggarensis* Bernard, 1953. Thus, *Camponotus foleyi hoggarensis* Bernard, 1953 is illegitimate and consequently can not be correct. The name *Camponotus foleyi hoggarensis* Bernard, 1953 is a primary junior homonym of the name *Camponotus alii hoggarensis* Santschi, 1929. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *hoggarensis* Bernard, 1953 the replacement name *pseudocompressus* **nom. nov.**

Summary of nomenclatural changes:

Species *Camponotus foleyi* Santschi, 1939

[orig. comb.: *Camponotus compressus* st. *foleyi* Santschi, 1939 from Algeria; raised to species by Bernard (1953)]

Subspecies *Camponotus foleyi ajjer* Bernard, 1953

[orig. comb.: *Camponotus foleyi ajjer* Bernard, 1953 from Algeria]

Subspecies *Camponotus foleyi fezzanensis* Bernard, 1953

[orig. comb.: *Camponotus (Tanaemyrmex) foleyi fezzanensis* Bernard, 1953 from Algeria. It was firstly used as *Camponotus (Tanaemyrmex) compressus foleyi* var. *fezzanensis* Bernard, 1948 that is an unavailable name]

Subspecies *Camponotus foleyi foleyi* Santschi, 1939**Subspecies** *Camponotus foleyi grasi* Bernard, 1953

[orig. comb.: *Camponotus (Tanaemyrmex) foleyi grasi* Bernard, 1953 from Algeria. It was firstly used as *Camponotus (Tanaemyrmex) compressus foleyi* var. *grasi* Bernard, 1948 that is an unavailable name]

Subspecies *Camponotus foleyi lelubrei* Bernard, 1953

[orig. comb.: *Camponotus foleyi lelubrei* Bernard, 1953 from Algeria]

Subspecies *Camponotus foleyi pseudocompressus* **nom. nov.**

pro *Camponotus foleyi hoggarensis* Bernard, 1953 **syn. n.**, [nec *Camponotus alii hoggarensis* Santschi, 1929]

[orig. comb.: *Camponotus (Tanaemyrmex) foleyi hoggarensis* Bernard, 1953 from Algeria]

Subspecies *Camponotus foleyi rufescens* Bernard, 1953

[orig. comb.: *Camponotus (Tanaemyrmex) foleyi rufescens* Bernard, 1953 from Algeria. It was firstly used as *Camponotus (Tanaemyrmex) compressus foleyi* var. *rufescens* Bernard, 1948 that is an unavailable name]

Sp. CAMPONOTUS CARPENTERI nom. nov.

Camponotus fuscipennis Carpenter, 1930. Bull. Mus. Comp. Zool. Harv., 70, 59. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus fuscipennis* (Wheeler, 1915). Schr. Phys.-Ökon. Ges. Königsb. 55, 136. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus fuscipennis* Carpenter, 1930 and *Camponotus fuscipennis* Wheeler, 1915 were included in the family Formicidae.

The specific epithet *fuscipennis* was initially introduced by Wheeler (1915) with the original combination *Drymomymex fuscipennis* Wheeler, 1915 from Baltic Amber. Dlussky (1997) transferred it in the genus *Camponotus*. It is still used as a valid species name.

However, the species *Camponotus fuscipennis* was described by Carpenter (1930) from U.S.A. with the same specific epithet. It is also still used as a valid species name.

Camponotus fuscipennis Wheeler, 1915 has priority over *Camponotus fuscipennis* Carpenter, 1930. Thus, *Camponotus fuscipennis* Carpenter, 1930 is illegitimate and consequently can not be correct. The name *Camponotus fuscipennis* Carpenter, 1930 is a secondary junior homonym of the name *Camponotus fuscipennis* Wheeler, 1915. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the specific epithet *fuscipennis* Carpenter, 1930 the replacement name *carpenteri* nom. nov..

Etimology: The name is dedicated to F. M. Carpenter who is the current author of the preexisting species *C. fuscipennis*.

Summary of nomenclatural changes:

Species *Camponotus carpenteri* **nom. nov.**

pro *Camponotus fuscipennis* Carpenter, 1930 **syn. n.**, [nec *Camponotus fuscipennis* Wheeler, 1915]

[orig. comb.: *Camponotus fuscipennis* Carpenter, 1930 from U.S.A.]

Sp. CAMPONOTUS GRANDIDIERI Forel, 1886

Ssp. CAMPONOTUS GRANDIDIERI EUMENDAX **nom. nov.**

Camponotus grandidieri mendax Emery, 1895. Ann. Soc. Ent. Fr., 64, 54. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus mendax* Forel, 1895. Journal of the Bombay Natural History Society, 9, 454. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus grandidieri mendax* Emery, 1895 and *Camponotus mendax* Forel, 1895 were included in the family Formicidae.

The specific epithet *mendax* was initially introduced by Forel (1895) in *Journal of the Bombay Natural History Society*, 9: 454 [Date of publication 20.06.1895] with the original combination *Camponotus sericeus* var. *mendax* Forel, 1895 from India. It was raised to the species by Bingham (1903). It is still used as a valid species name.

In the same year, Emery in *Annales de la Société Entomologique de France*, 64: 54 [Date of publication 16.07/08.1895] described a new subspecies of the species *Camponotus foraminosus* Forel, 1879 from South Africa with the same subspecific epithet as *Camponotus foraminosus mendax* Emery, 1895 by original combination. It was transferred to the species *C. grandidieri* by Santschi (1915). It is also still used as a valid subspecies name.

Camponotus mendax Forel, 1895 has priority over *Camponotus grandidieri mendax* Emery, 1895. Thus, *Camponotus grandidieri mendax* Emery, 1895 is illegitimate and consequently can not be correct. The name *Camponotus grandidieri mendax* Emery, 1895 is a primary junior homonym of the name *Camponotus mendax* Forel, 1895. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *mendax* Emery, 1895 the replacement name *eumendax* **nom. nov.**

Summary of nomenclatural changes:

Species *Camponotus grandidieri* Forel, 1886

[orig. comb.: *Camponotus grandidieri* Forel, 1886 from Madagascar]

= *Camponotus grandidieri* Forel, 1879 [nomen nudum]

Subspecies *Camponotus grandidieri atrabilis* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) grandidieri* var. *atrabilis* Santschi, 1915 from Madagascar]

Subspecies *Camponotus grandidieri comorensis* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) grandidieri* var. *comorensis* Santschi, 1915 from Comoro Island]

Subspecies *Camponotus grandidieri eumendax* **nom. nov.**

pro *Camponotus grandidieri mendax* Emery, 1895 **syn. n.**, [nec *Camponotus mendax* Forel, 1895]

[orig. comb.: *Camponotus foraminosus mendax* Emery, 1895 from South Africa]

Subspecies *Camponotus grandidieri grandidieri* Forel, 1886

Subspecies *Camponotus grandidieri ruspolii* Forel, 1892

[orig. comb.: *Camponotus foraminosus* r. *ruspolii* Forel, 1892 from Somalia. It was ranked by Santschi (1915) as a subspecies of *Camponotus foraminosus*]

Sp. CAMPONOTUS HOVA Forel, 1891

Ssp. CAMPONOTUS HOVA CEMERYI nom. nov.

Camponotus hova luteolus Emery, 1925. In Wytsman, P., Genera Insectorum. Fasc. 183, 85. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus bonariensis luteolus* Emery, 1906. Bull. Soc. Entomol. Ital., 37, 188. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus hova luteolus* Emery, 1925 and *Camponotus bonariensis luteolus* Emery, 1906 were included in the family Formicidae.

The subspecific epithet *luteolus* was initially introduced by Emery (1906) with the original combination *Camponotus maculatus luteolus* Emery, 1906 from Argentina. It was transferred by Emery (1920b) to the species *C. bonariensis* Mayr, 1868. It is still used as a valid subspecies name.

Subsequently, Emery (1925) described a new variety of the species *Camponotus hova* Forel, 1891 from Madagascar with the same subspecific epithet as *Camponotus (Tanaemyrmex) hova* var. *luteolus* Emery, 1925 by original combination. It was firstly used as *Camponotus maculatus* r. *hova* var. *luteolus* Forel, 1897 that is an unavailable name. It is also still used as a valid subspecies name.

Camponotus bonariensis luteolus Emery, 1906 has priority over *Camponotus hova luteolus* Emery, 1925. Thus, *Camponotus hova luteolus* Emery, 1925 is illegitimate and consequently can not be correct. The name *Camponotus hova luteolus* Emery, 1925 is a primary junior homonym of the name *Camponotus bonariensis luteolus* Emery, 1906. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *luteolus* Emery, 1925 the replacement name *cemeryi* nom. nov..

Etimology: The name is dedicated to C. Emery who is the current author of the preexisting subspecies *C. hova luteolus*.

Summary of nomenclatural changes:

Species *Camponotus hova* Forel, 1891

[orig. comb.: *Camponotus maculatus* r. *hova* Forel, 1891 from Madagascar. It was firstly used as *Camponotus rubripes* r. *maculatus* var. *hova* Forel, 1886 that is an unavailable name]

Subspecies *Camponotus hova becki* Santschi, 1923

[orig. comb.: *Camponotus (Myrmoturba) radamae* st. *becki* Santschi, 1923 from Madagascar. It was firstly used as *Camponotus (Myrmoturba) maculatus* r. *radamae* var. *becki* Forel, 1914 that is an unavailable name. It was transferred to the species *C. hova* by Bolton (1995) as a subspecies]

Subspecies *Camponotus hova boivini* Forel, 1891

[orig. comb.: *Camponotus maculatus* r. *boivini* Forel, 1891 from Madagascar]

Subspecies *Camponotus hova cemeryi* nom. nov.

pro *Camponotus hova luteolus* Emery, 1925 **syn. n.**, [nec *Camponotus bonariensis luteolus* Emery, 1906]

[orig. comb.: *Camponotus (Tanaemyrmex) hova* var. *luteolus* Emery, 1925 from Madagascar. It was firstly used as *Camponotus maculatus* r. *hova* var. *luteolus* Forel, 1897 that is an unavailable name]

Subspecies *Camponotus hova fairmairei* Santschi, 1911

[orig. comb.: *Camponotus maculatus* st. *fairmairei* Santschi, 1911 from Madagascar]

Subspecies *Camponotus hova fulvus* Emery, 1894

[orig. comb.: *Camponotus maculatus fulvus* Emery, 1894 from Seychelle Island. It was transferred by Emery (1920) to the species *C. hova*]

Subspecies *Camponotus hova hova* Forel, 1891**Subspecies *Camponotus hova hovahoides* Forel, 1892**

[orig. comb.: *Camponotus hovahovoides* Forel, 1892 from Madagascar. It was regarded as a variety of *C. hova* by Dalla Torre (1893)]

Subspecies *Camponotus hova hovooides* Dalla Torre, 1893

[orig. comb.: *Camponotus radamae* var. *hovooides* Dalla Torre, 1893 from Madagascar. It was firstly used as *Camponotus maculatus* r. *radamae* var. *hovooides* Forel, 1891 that is an unavailable name. It was regarded as a variety of *C. hova* by Santschi (1911) and Emery (1925)]

Subspecies *Camponotus hova mixtellus* Dalla Torre, 1893

[orig. comb.: *Camponotus radamae* var. *mixtellus* Dalla Torre, 1893 from Madagascar. It was firstly used as *Camponotus maculatus* r. *radamae* var. *mixtellus* Forel, 1891 that is an unavailable name. It was regarded as a variety of *C. hova* by Emery (1925)]

Subspecies *Camponotus hova obscuratus* Emery, 1925

[orig. comb.: *Camponotus (Tanaemyrmex) hova* var. *obscurata* Emery, 1925 from Madagascar. It was firstly used as *Camponotus maculatus* subsp. *radamae* var. *obscurata* Forel, 1907 that is an unavailable name]

Subspecies *Camponotus hova pictiventris* Mayr, 1901

[orig. comb.: *Camponotus maculatus pictiventris* Mayr, 1901 from South Africa. It was regarded as a subspecies of *C. hova* by Emery (1920, 1925)]

Subspecies *Camponotus hova radamae* Forel, 1891

[orig. comb.: *Camponotus maculatus* r. *radamae* Forel, 1891 from Madagascar. It was regarded as a subspecies of *C. hova* by Emery (1920, 1925)]

Sp. *CAMPONOTUS IRRITANS* (Smith, 1857)**Ssp. *CAMPONOTUS IRRITANS SUMATRANUS* nom. nov.**

Camponotus irritans puberulus Emery, 1920. Bull. Soc. Entomol. Ital., 52, 7. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus puberulus* Emery, 1897. Annali del Museo Civico di Storia Naturale di Genova, (2) 18, 604. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus irritans puberulus* Emery, 1920 and *Camponotus puberulus* Emery, 1897 were included in the family Formicidae.

The specific epithet *puberulus* was initially introduced by Emery (1897a) with the original combination *Camponotus carbo puberulus* Emery, 1897 from Somalia. It was raised to species by Santschi (1915) and Emery (1925). It is still used as a valid species name.

Subsequently, Emery (1920a) described a new subspecies of the species *Camponotus irritans* (Smith, 1857) from Sumatra with the same subspecific epithet as *Camponotus irritans puberulus* Emery, 1920 by original combination. It was firstly used as *Camponotus maculatus subnudus* var. *puberulus* Emery, 1900 that is an unavailable name. It is also still used as a valid subspecies name.

Camponotus puberulus Emery, 1897 has priority over *Camponotus irritans puberulus* Emery, 1920. Thus, *Camponotus irritans puberulus* Emery, 1920 is illegitimate and consequently can not be correct. The name *Camponotus irritans puberulus* Emery, 1920 is a primary junior homonym of the name *Camponotus puberulus* Emery, 1897. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *puberulus* Emery, 1920 the replacement name *sumatranus* nom. nov..

Etimology: from the country Sumatra which is the distribution area of the subspecies.

Summary of nomenclatural changes:

Species *Camponotus irritans* (Smith, 1857)

[orig. comb.: *Formica irritans* Smith, 1857 from W Malaysia. The combination in *Camponotus* was carried out by Roger (1863)]

Subspecies *Camponotus irritans carensis* Emery, 1920

[orig. comb.: *Camponotus (Myrmoturba) irritans carensis* Emery, 1920 from Nicobar Island]

Subspecies *Camponotus irritans carinifer* Viehmeyer, 1916

[orig. comb.: *Camponotus (Myrmoturba) tinctus* var. *carinifer* Viehmeyer, 1916 from Singapore. It was ranked as a subspecies of *C. irritans* by Bolton (1995)]

Subspecies *Camponotus irritans cliens* Forel, 1911

[orig. comb.: *Camponotus maculatus cliens* Forel, 1911 from Java. It was transferred to the species *C. irritans* by Emery (1920a)]

Subspecies *Camponotus irritans croceomaculatus* Emery, 1914

[orig. comb.: *Camponotus (Myrmoturba) croceomaculatus* Emery, 1914 from New Caledonia. It was ranked to the species *C. irritans* by Emery (1920a) as a subspecies]

Subspecies *Camponotus irritans curtus* Emery, 1900

[orig. comb.: *Camponotus maculatus curtus* Emery, 1900 from Indonesia. It was transferred to the species *C. irritans* by Emery (1920a)]

Subspecies *Camponotus irritans fatuus* Forel, 1886

[orig. comb.: *Camponotus kubaryi* r. *fatuus* Forel, 1886 from Sumatra. It was transferred to the species *C. irritans* by Emery (1920a) as a subspecies]

Subspecies *Camponotus irritans hongkongensis* Forel, 1912

[orig. comb.: *Camponotus maculatus hongkongensis* Forel, 1912 from Hong Kong. It was transferred to the species *C. irritans* by Emery (1920a)]

Subspecies *Camponotus irritans inferior* Emery, 1925

[orig. comb.: *Camponotus (Tanaemyrmex) irritans* var. *inferior* Emery, 1925 from Borneo. It was firstly used as *Camponotus maculatus irritans* var. *inferior* Forel, 1911 that is an unavailable name]

Subspecies *Camponotus irritans irritans* (Smith, 1857)

Subspecies *Camponotus irritans kubaryi* Mayr, 1876

[orig. comb.: *Camponotus kubaryi* Mayr, 1876 from Palau Island. It was regarded as a subspecies of *C. irritans* by Emery (1920a)]

Subspecies *Camponotus irritans melanogaster* Stitz, 1938

[orig. comb.: *Camponotus (Tanaemyrmex) irritans* var. *melanogaster* Stitz, 1938 from Caroline Island]

Subspecies *Camponotus irritans pallidus* (Smith, 1857)

[orig. comb.: *Formica pallida* Smith, 1857 from Borneo. It is a primary junior homonym of *Formica pallida* Latreille, 1798 (now in *Lasius*). The combination in *Camponotus* was carried out by Mayr (1862). It was regarded as a subspecies of *C. irritans* by Emery (1920a)]

Subspecies *Camponotus irritans procax* Santschi, 1919

[orig. comb.: *Camponotus (Myrmoturba) maculatus* st. *procax* Santschi, 1919 from Vietnam. It was regarded as a subspecies of *C. irritans* by Santschi (1920b) and Emery (1920a)]

Subspecies *Camponotus irritans sumatranus* **nom. nov.**

pro *Camponotus irritans puberulus* Emery, 1920 **syn. n.**, [nec *Camponotus puberulus* Emery, 1897]

[orig. comb.: *Camponotus irritans puberula* Emery, 1920 from Sumatra. It was firstly used as *Camponotus maculatus subnudus* var. *puberula* Emery, 1900 that is an unavailable name]

Subspecies *Camponotus irritans tinctus* (Smith, 1858)

[orig. comb.: *Formica tincta* Smith, 1858 from Burma. The combination in *Camponotus* was carried out by Mayr (1862). It was regarded as a subspecies of *C. irritans* by Emery (1920a)]

Sp. CAMPONOTUS MELANOTICUS Emery, 1894

Ssp. CAMPONOTUS MELANOTICUS KEMPMI nom. nov.

Camponotus melanoticus nigrescens Santschi, 1939. Rev. Entomol. (Rio J.), 10, 324. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus ligniperdus nigrescens* Gösswald, 1932. Zeitschr. f. wiss. Zool., 142, 147. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus melanoticus nigrescens* Santschi, 1939 and *Camponotus ligniperdus nigrescens* Gösswald, 1932 were included in the family Formicidae.

The subspecific epithet *nigrescens* was initially introduced by Gösswald (1932) with the original combination *Camponotus ligniperdus* var. *nigrescens* Gösswald, 1932 from Germany. It is still used as a valid subspecies name.

Subsequently, Santschi (1939) described a new variety of the species *Camponotus melanoticus* Emery, 1894 from Brasil with the same subspecific epithet as *Camponotus melanoticus* var. *nigrescens* Santschi, 1939 by original combination. The combination in *Camponotus (Tanaemyrmex)* was carried out by Kempf (1972).

Camponotus ligniperdus nigrescens Gösswald, 1932 has priority over *Camponotus melanoticus nigrescens* Santschi, 1939. Thus, *Camponotus melanoticus nigrescens* Santschi, 1939 is illegitimate and consequently can not be correct. The name *Camponotus melanoticus nigrescens* Santschi, 1939 is a primary junior homonym of the name *Camponotus ligniperdus nigrescens*

Gösswald, 1932. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *nigrescens* Santschi, 1939 the replacement name *kempfi* nom. nov..

Etimology: This name is dedicated to the memory of well known scientist Walter Wolfgang Kempf (Germany, 1920-1976).

Summary of nomenclatural changes:

Species *Camponotus melanoticus* Emery, 1894

[orig. comb.: *Camponotus sexguttatus* var. *melanoticus* Emery, 1894 from Bolivia; raised to species by Forel (1899)]

Subspecies *Camponotus melanoticus catharinae* Santschi, 1939

[orig. comb.: *Camponotus melanoticus* var. *catharinae* Santschi, 1939 from Brasil. The combination in *Camponotus (Tanaemyrmex)* was carried out by Kempf (1972)]

Subspecies *Camponotus melanoticus flavopubens* Emery, 1925

[orig. comb.: *Camponotus (Tanaemyrmex) melanoticus flavopubens* Emery, 1925 from Mexico. It was firstly used as *Camponotus maculatus* r. *simillimus* var. *flavopubens* Forel, 1901 that is an unavailable name]

Subspecies *Camponotus melanoticus kempfi* **nom. nov.**

pro *Camponotus melanoticus nigrescens* Santschi, 1939 **syn. n.**, [nec *Camponotus ligniperdus nigrescens* Gösswald, 1932]

[orig. comb.: *Camponotus melanoticus* var. *nigrescens* Santschi, 1939 from Brasil. The combination in *Camponotus (Tanaemyrmex)* was carried out by Kempf (1972)]

Subspecies *Camponotus melanoticus melanoticus* Emery, 1894

Subspecies *Camponotus melanoticus paranaensis* Santschi, 1939

[orig. comb.: *Camponotus (Myrmoturba) melanoticus* var. *paranaensis* Santschi, 1939 from Brasil]

Subspecies *Camponotus melanoticus publicola* Forel, 1912

[orig. comb.: *Camponotus maculatus* r. *publicola* Forel, 1912 from Brasil. It was regarded as a subspecies of *C. melanoticus* by Santschi (1922), Emery (1925) and Kempf (1972)]

Subspecies *Camponotus melanoticus valerius* Santschi, 1922

[orig. comb.: *Camponotus (Myrmoturba) melanoticus* st. *valerius* Santschi, 1922 from Brasil. It was regarded as a subspecies of *C. melanoticus* by Emery (1925)]

Sp. CAMPONOTUS MUTILATUS (Smith, 1859)

Ssp. CAMPONOTUS MUTILATUS STITZI nom. nov.

Camponotus mutilatus luteiventris Stitz, 1938. Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin, 1938, 116. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus luteiventris* Emery, 1897. Advances in Ecological Research, 38, 574. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus mutilatus luteiventris* Stitz, 1938 and *Camponotus luteiventris* Emery, 1897 were included in the family Formicidae.

The specific epithet *luteiventris* was initially introduced by Emery (1897b) with the original combination *Camponotus luteiventris* Emery, 1897 from New Guinea. It is still used as a valid species name.

Subsequently, Stitz (1938) described a new variety of the species *Camponotus mutilatus* (Smith, 1859) from New Guinea with the same subspecific epithet as *Camponotus (Colobopsis) mutilatus* var. *luteiventris* Stitz, 1938 by original combination.

Camponotus luteiventris Emery, 1897 has priority over *Camponotus mutilatus luteiventris* Stitz, 1938. Thus, *Camponotus mutilatus luteiventris* Stitz, 1938 is illegitimate and consequently can not be correct. The name *Camponotus mutilatus luteiventris* Stitz, 1938 is a primary junior homonym of the name *Camponotus luteiventris* Emery, 1897. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *luteiventris* Stitz, 1938 the replacement name *stitzii* nom. nov.. A replacement name was proposed by Baroni Urbani (1971) for this taxon, but it is an unavailable.

Etimology: This name is dedicated to H. Stitz who is the current author of the preexisting subspecies *Camponotus mutilatus luteiventris*.

Summary of nomenclatural changes:

Species *Camponotus mutilatus* (Smith, 1859)

[orig. comb.: *Formica mutilata* Smith, 1859 from Indonesia. The combination in *Colobopsis* was carried out by Mayr (1862) and in *Camponotus (Colobopsis)* was carried out by Dalla Torre (1893)]

Subspecies *Camponotus mutilatus mutilatus* (Smith, 1859)

Subspecies *Camponotus mutilatus stitzii* **nom. nov.**

pro *Camponotus mutilatus luteiventris* Stitz, 1938 **syn. n.**, [nec *Camponotus luteiventris* Emery, 1897]

[orig. comb.: *Camponotus (Colobopsis) mutilatus* var. *luteiventris* Stitz, 1938 from New Guinea. The combination in *Camponotus (Tanaemyrmex)* was carried out by Kempf (1972)]

Sp. CAMPONOTUS OLIVIERI Forel, 1886
Ssp. CAMPONOTUS OLIVIERI ZAIREICUS nom. nov.

Camponotus olivieri nitidior Santschi, 1926. Revue Suisse de Zoologie, 33, 617. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus nitidior* (Santschi, 1921). Bull. Soc. Vaudoise Sci. Nat., 54, 102. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus olivieri nitidior* Santschi, 1926 and *Camponotus nitidior* (Santschi, 1921) were included in the family Formicidae.

The specific epithet *nitidior* was initially introduced by Santschi (1921) with the original combination *Dendromyrmex fabricii nitidior* Santschi, 1921 from Neotropical region. It is still used as a valid species name. The subgenus *Dendromyrmex* has been revised by Fernández (2002).

Subsequently, Santschi (1926) also described a new variety of the species *Camponotus olivieri* Forel, 1886 from Zaire with the same subspecific epithet as *Camponotus (Myrmotrema) olivieri* var. *nitidior* Santschi, 1926 by original combination.

Camponotus nitidior (Santschi, 1921) has priority over *Camponotus olivieri nitidior* Santschi, 1926. Thus, *Camponotus olivieri nitidior* Santschi, 1926 is illegitimate and consequently can not be correct. The name *Camponotus olivieri nitidior* Santschi, 1926 is a secondary junior homonym of the name *Camponotus nitidior* (Santschi, 1921). According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the subspecific epithet *nitidior* Santschi, 1926 the replacement name *zaireicus* nom. nov..

Etymology: from the country Zaire which is the distribution area of the subspecies.

Summary of nomenclatural changes:

Species *Camponotus olivieri* Forel, 1886

[orig. comb.: *Camponotus foraminosus* r. *olivieri* Forel, 1886 from Angola; raised to species by Santschi (1915)]

Subspecies *Camponotus olivieri concordinus* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) olivieri* st. *concordia* Santschi, 1915 from Angola. *Camponotus (Myrmoturba) compressus* st. *sanctus* var. *confellah* Santschi, 1939 from Syria is an unavailable name]

Subspecies *Camponotus olivieri delagoensis* Forel, 1894

[orig. comb.: *Camponotus foraminosus* r. *delagoensis* Forel, 1894 from Mozambique. It was regarded as a subspecies of *C. olivieri* by Santschi (1915)]

Subspecies *Camponotus olivieri freyeri* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) olivieri* st. *freyeri* Santschi, 1915 from Madagascar. It was firstly used as *Camponotus foraminosus* subsp. *aldabrensis* var. *freyeri* Forel, 1912 that is an unavailable name]

Subspecies *Camponotus olivieri infelix* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) olivieri* st. *infelix* Santschi, 1915 from South Africa. It was firstly used as *Camponotus (Myrmotrema) foraminosus* r. *lemma* var. *infelix* Forel, 1914 that is an unavailable name]

Subspecies *Camponotus olivieri lemma* Forel, 1886

[orig. comb.: *Camponotus foraminosus* r. *lemma* Forel, 1886 from Angola. It was transferred as a subspecies of *C. olivieri* by Santschi (1915)]

Subspecies *Camponotus olivieri moshianus* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) olivieri* var. *moshiana* Santschi, 1915 from Tanzania. It was firstly used as *Camponotus foraminosus lemma* var. *moshiana* Forel, 1907 that is an unavailable name]

Subspecies *Camponotus olivieri olivieri* Forel, 1886

Subspecies *Camponotus olivieri osiris* Forel, 1911

[orig. comb.: *Camponotus carbo osiris* Forel, 1911 from Zaire. It was regarded as a subspecies of *C. olivieri* by Santschi (1915)]

Subspecies *Camponotus olivieri patersoni* Arnold, 1959

[orig. comb.: *Camponotus (Myrmotrema) olivieri patersoni* Arnold, 1959 from Botswana]

Subspecies *Camponotus olivieri pax* Menozzi, 1942

[orig. comb.: *Camponotus (Myrmotrema) olivieri* var. *pax* Menozzi, 1942 from Cameroun. It was firstly used as *Camponotus (Myrmotrema) olivieri* st. *tauricollis* var. *pax* Santschi, 1915 that is an unavailable name]

Subspecies *Camponotus olivieri sorptus* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) olivieri* var. *sorpta* Santschi, 1915 from Zaire. It was firstly used as *Camponotus foraminosus delagoensis* var. *sorpta* Forel, 1909 that is an unavailable name]

Subspecies *Camponotus olivieri tenuipilis* Santschi, 1915

[orig. comb.: *Camponotus (Myrmotrema) olivieri* var. *tenuipilis* Santschi, 1915 from South Africa. It was firstly used as *Camponotus foraminosus olivieri* var. *tenuipilis* Emery, 1895 that is an unavailable name]

Subspecies *Camponotus olivieri zaireicus* nom. nov.

pro *Camponotus olivieri nitidior* Santschi, 1926 **syn. n.**, [nec *Camponotus nitidior* (Santschi, 1921)]

[orig. comb.: *Camponotus (Myrmotrema) olivieri* var. *nitidior* Santschi, 1926 from Zaire]

Sp. *CAMPONOTUS THEOBALDI* nom. nov.

Camponotus saussurei Théobald, 1937. Mém. Soc. Sei. Nancy, 7, 316. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus saussurei* Forel, 1879. Bulletin de la Société Vaudoise des Sciences Naturelles, 16, 103. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus saussurei* Théobald, 1937 and *Camponotus saussurei* Forel, 1879 were included in the family Formicidae.

The specific epithet *saussurei* was initially introduced by Forel (1879) with the original combination *Camponotus saussurei* Forel, 1879 from Antilles. It is still used as a valid species name.

Subsequently, Théobald (1937) described a new species from France with the same specific epithet as *Camponotus saussurei* Théobald, 1937 by original combination.

Camponotus saussurei Forel, 1879 has priority over *Camponotus saussurei* Théobald, 1937. Thus, *Camponotus saussurei* Théobald, 1937 is illegitimate and consequently can not be correct. The name *Camponotus saussurei* Théobald, 1937 is a primary junior homonym of the name *Camponotus saussurei* Forel, 1879. According to Article 60 of the International Code of Zoological Nomenclature (1999), it must be rejected and replaced. It has no synonym. So I propose for the specific epithet *saussurei* Théobald, 1937 the replacement name *theobaldi* nom. nov..

Etimology: This name is dedicated to N. Théobald who is the current author of the preexisting species *Camponotus saussurei*.

Summary of nomenclatural changes:

Species *Camponotus theobaldi* nom. nov.

pro *Camponotus saussurei* Théobald, 1937 **syn. n.**, [nec *Camponotus saussurei* Forel, 1879]

[orig. comb.: *Camponotus saussurei* Théobald, 1937 from France]

Sp. *CAMPONOTUS TRANSVAALENSIS* Arnold, 1948
Ssp. *CAMPONOTUS TRANSVAALENSIS PRINSI* nom. nov.

Camponotus transvaalensis arnoldi Prins, 1965. Journal of the Entomological Society of Southern Africa, 27, 156. (Hymenoptera: Vespoidea: Formicidae). Preoccupied by *Camponotus truebi arnoldi* Forel, 1912. Entomologische Mitteilungen, 1, 75. (Hymenoptera: Vespoidea: Formicidae)

The names *Camponotus transvaalensis arnoldi* Prins, 1965; *Camponotus arnoldi* Pisarski, 1971 and *Camponotus truebi arnoldi* Forel, 1912 were included in the family Formicidae.

The subspecific epithet *arnoldi* was initially introduced by Forel (1912) with the original combination *Camponotus truebi* var. *arnoldi* Forel, 1912 from Taiwan. The combination was carried out by Emery (1925). It is still used as a valid subspecies name.

Then, Prins (1965) described a new subspecies of the species *Camponotus transvaalensis* Arnold, 1948 from Zimbabwe with the same subspecific epithet as *Camponotus transvaalensis arnoldi* Prins, 1965 by original combination. It is also still used as a valid subspecies name.

Later, Pisarski (1971) established a new species *Camponotus arnoldi* Pisarski, 1971 from Iraq with the same specific epithet as *Camponotus (Tanaemyrmex) arnoldi* Pisarski, 1971 by original combination. It is a senior synonym of *C. babau* Bolton, 1995.

Camponotus truebi arnoldi Forel, 1912 has priority over *Camponotus transvaalensis arnoldi* Prins, 1965 and *Camponotus arnoldi* Pisarski, 1971. Thus, *Camponotus transvaalensis arnoldi* Prins, 1965 and *Camponotus arnoldi* Pisarski, 1971 are illegitimate and consequently can not be correct. The names *Camponotus transvaalensis arnoldi* Prins, 1965 and *Camponotus arnoldi* Pisarski, 1971 are primary junior homonyms of the name *Camponotus truebi arnoldi* Forel, 1912. According to Article 60 of the International Code of Zoological Nomenclature (1999), they must be rejected and replaced. Therefore, the specific name *Camponotus arnoldi* Pisarski, 1971 was replaced by Bolton (1995) with a replacement name "*babau*". *Camponotus transvaalensis arnoldi* Prins, 1965 is still used as a valid name and has no synonym. So I propose for the subspecific epithet *arnoldi* Prins, 1965 the replacement name *prinsi* nom. nov..

Etimology: This name is dedicated to A. J. Prins who is the current author of the preexisting subspecies *Camponotus transvaalensis arnoldi*.

Summary of nomenclatural changes:

Species *Camponotus transvaalensis* Arnold, 1948

[orig. comb.: *Camponotus (Myrmespera) transvaalensis* Arnold, 1948 from South Africa]

Subspecies *Camponotus transvaalensis griqua* Arnold, 1952

[orig. comb.: *Camponotus (Myrmespera) transvaalensis griqua* Arnold, 1952 from South Africa]

Subspecies *Camponotus transvaalensis prinsi* nom. nov.

pro *Camponotus transvaalensis arnoldi* Prins, 1965 **syn. n.**, [nec *Camponotus truebi arnoldi* Forel, 1912 and *Camponotus arnoldi* Pisarski, 1971]

[orig. comb.: *Camponotus transvaalensis arnoldi* Prins, 1965 from Zimbabwe]

Subspecies *Camponotus transvaalensis transvaalensis* Arnold, 1948**LITERATURE CITED**

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