

BARRY BOLTON: AN ONLINE CATALOGUE OF THE ANTS OF THE WORLD

1758 - 2020

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FOR TAXONOMIC REFERENCE PURPOSES: THIS IS NOT A PUBLICATION

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All entries in the catalogue conform to the rules of the International Code of Zoological Nomenclature (Edition 4, 1999).

COLOUR-CODE PROTOCOL FOR INITIAL ENTRIES OF NAMES

RED BOLD ROMAN (upper case): currently valid names in the family-group.

RED BOLD ITALIC (upper case): currently valid names of genus rank.

Red bold italic (lower case): currently valid names of species rank.

BLUE BOLD ITALIC (upper case): currently valid names of subgenus rank.

Blue bold italic (lower case): currently valid names of subspecies rank.

BLACK ROMAN (upper case): names in the family-group that are currently junior synonyms.

BLACK ITALIC (upper case): names in the genus-group that are currently junior synonyms.

Black italic (lower case): names in the species-group that are currently junior synonyms, and names in the species-group that have been transferred out of their original combinations.

PURPLE ROMAN (upper case): unavailable names, *nomina nuda*, and incorrect subsequent spellings in the family-group.

PURPLE ITALIC (upper case): unavailable names, *nomina nuda*, and incorrect subsequent spellings in the genus-group.

Purple italic (lower case): unavailable names, *nomina nuda*, and incorrect subsequent spellings or misspellings in the species-group.

GREEN BOLD ITALIC (upper case): available names in the genus-group of unidentifiable taxa, collective group names, ichnotaxa, and names excluded from Formicidae.

Green bold italic (lower case): available names in the species-group of unidentifiable taxa, members of collective groups, ichnotaxa, and names excluded from Formicidae.

ABBREVIATIONS IN THE TEXT

Symbol * . Names of taxa of any rank and status that are preceded by the symbol * are fossil forms.

For names in the species-group:

(w.) = worker, minor worker (in dimorphic or polymorphic taxa), ergates.

(s.) = soldier, major worker (in dimorphic or polymorphic taxa).

(q.) = queen, gyne.

(m.) = male.

(l.) = larva.

(k.) = karyotype.

(error)

The comment “(error)”, added after an entry, generally signifies that the author has produced an anachronism, or has made a mistake. In most instances “(error)” merely indicates that the author has overlooked an earlier entry, which he/she has contradicted, but which appears to be more accurate.

For example, in *Tetramorium*:

laevior. *Tetramorium ferox* var. *laevior* Menozzi, 1936d: 292.

[First available use of *Tetramorium caespitum* subsp. *ferox* var. *laevior* Forel, 1911d: 333 (w.) TURKEY; unavailable (infrasubspecific) name.]

Finzi, 1939c: 157 (m.).

Subspecies of *ferox*: Finzi, 1939c: 156; Bolton, 1995b: 410; **Legakis, 2011: 21 (error)**.

Junior synonym of *diomedeum*: **Csösz & Schulz, 2010: 17**.

The Legakis, 2011 entry appears to reverse the earlier Csösz & Schulz, 2010 entry. But in reality Legakis was not aware of the earlier authors; either because the latter had not yet been published, or because it had been overlooked. In such cases the later entry by Legakis, 2011 (a checklist) is not considered to have reversed the earlier entry by Csösz & Schulz, 2010 (a taxonomic decision).

In more extreme cases, for example Tiwari, 1999, it is obvious throughout that the author has made no attempt to assess recent publications, but has restricted his search to the last published checklist available to him. In the case of Tiwari, 1999, this was Chapman & Capco, 1951; no later literature is mentioned for most genera that have revisionary publications after that date.

[Note: taxonomic revisions listed in Tiwari’s bibliography do not appear anywhere in the text. For example, all the Bolton *Tetramorium* works are listed (one with wrong publication date), but not a single species reference occurs in the Tiwari text. It must be concluded that he had merely listed the references, for the sake of appearances, but had not actually consulted any of them.]

CONTENT OF THE CATALOGUE

All publications (formally printed or formally electronic), from 1758 to the date noted at the top of this section, are included in the catalogue that are either taxonomic, systematic, phylogenetic, evolutionary, zoogeographical, faunistic, morphological, or palaeontological.

Previous catalogues, as well as complete species lists (checklists) from small countries, or from individual states or provinces of larger countries, are included provided that any changes proposed in rank or status are justified. In all cases, changes in rank or status that are not justified are excluded.

Publications excluded from the catalogue are those that fail to conform to International Code of Zoological Nomenclature rules, or are exclusively agricultural, ecological, or ethological, and those that merely list names from a very small area and contain no novel taxonomic information.

Personal websites, online opinion forums, and so on, are entirely excluded as they do not conform to International Code of Zoological Nomenclature rules that cover electronic publications.

DEPOSITORIES

[Note: the catalogue is currently being expanded to include type data of each nominal taxon in the species-group. The following list reflects only those genera that have been upgraded to the date given at the top of this section.]

ABBREVIATIONS OF MUSEUMS AND OTHER INSTITUTIONS