

## **Coral taxon names published in ‘Corals of the world’ by J.E.N. Veron (2000): potential availability confirmed under Article 86.1.2**

The International Commission on Zoological Nomenclature received a request from J.E.N. Veron to rule upon the availability of 103 species names, one generic name and one family name.

In a monographic work on the taxonomy of scleractinian corals, Veron (2000) proposed many new names for taxa at the species-group (103 names), genus-group (two names), and family-group (one name) levels, in some cases without meeting all the new requirements for availability that went into effect when the fourth edition of the International Code of Zoological Nomenclature came into force on 1 January 2000. In particular, the descriptions of new species did not explicitly fix a holotype or syntypes as required by Articles 16.4.1 and 72.3. As a result, it has been contended that the majority, if not all, of these names are nomenclaturally unavailable as of this work, with resulting taxonomic uncertainty among zoologists. To remedy this situation, Dr Veron presented testimonial and documentary evidence to the Commission that he submitted the manuscript for publication in December 1999.

In accordance with Article 86.1.2 of the Code, the Commission was asked to confirm that these names are not to be set aside on the grounds that they do not comply with the changed provisions of the fourth edition of the Code published in 1999 and that each of these names is potentially available as of Veron (2000), provided that it meets the other provisions of the Code (i.e. Articles 10–20) related to availability.

Under the one-month rule, the Commission voted on Veron’s request. Twenty-four votes were received, all FOR the request.

It should be noted that this action validates the work but not the names per se within. It is simply a verification that the names should not be set aside provided that they meet the provisions of the third edition of the Code published in, in particular, but not limited to, Articles 10–20. The names at issue are provided in the list below, prepared by the ICZN Secretariat and modified from the Hexacorallians of the World website, <http://hercules.kgs.ku.edu/hexacoral/anemone2/index.cfm> as a convenience. However, this is not validation of taxonomic units (which is not in the purview of the Commission) nor is it a publication of a List of Available Names (LAN). The Commission has not ruled that these names are individually available and the list is thus not authoritative. It remains for subsequent workers to confirm availability of each name.

### **Ostensibly new taxa described in J.E.N. Veron (2000) ‘Corals of the world’**

#### **Notes**

1. Misspellings have been corrected.
2. Where required, spellings of specific names have been corrected to meet the provisions of the Code regarding gender agreement.

Additional notes on gender agreement:

- *Porites* – masculine (as in Opinion 2061).
- *Favites* – masculine (Article 30.1.4.4. A compound genus-group name ending in the suffix *-ites*, *-oides*, *-ides*, *-odes*, or *-istes* is to be treated as masculine unless

its author, when establishing the name, stated that it had another gender or treated it as such by combining it with an adjectival species-group name in another gender form). The first included species in *Favites* Link, 1807 was *F. astrinus* Link, 1807.

- The specific name *napopora* is treated as a noun in apposition.
3. Species are listed under their original genus, even if later workers have moved them to other genera.

### Specific names

1. *Acanthastrea faviaformis* Veron, 2000 (vol. 3, p. 24)
2. *Acanthastrea regularis* Veron, 2000 (vol. 3, p. 16)
3. *Acanthastrea subechinata* Veron, 2000 (vol. 3, p. 13)
4. *Acropora cylindrica* Veron & Fenner in Veron, 2000 (vol. 1, p. 293)
5. *Acropora elizabethensis* Veron, 2000 (vol. 1, p. 188)
6. *Acropora fenneri* Veron, 2000 (vol. 1, p. 416)
7. *Acropora filiformis* Veron, 2000 (vol. 1, p. 418)
8. *Acropora gomezi* Veron, 2000 (vol. 1, p. 408)
9. *Acropora japonica* Veron, 2000 (vol. 1, p. 330)
10. *Acropora lamarcki* Veron, 2000 (vol. 1, p. 376)
11. *Acropora maryae* Veron, 2000 (vol. 1, p. 392)
12. *Acropora minuta* Veron, 2000 (vol. 1, p. 210)
13. *Acropora navini* Veron, 2000 (vol. 1, p. 431)
14. *Acropora parahemprichii* Veron, 2000 (vol. 1, p. 274)
15. *Acropora paraphraonis* Veron, 2000 (vol. 1, p. 367)
16. *Acropora pectinata* Veron, 2000 (vol. 1, p. 264; misspelled there as *Acropora pectinatus*)
17. *Acropora proximalis* Veron, 2000 (vol. 1, p. 278)
18. *Acropora rufa* Veron, 2000 (vol. 1, p. 269; misspelled there as *Acropora rufus*)
19. *Acropora torresiana* Veron, 2000 (vol. 1, p. 316)
20. *Alveopora minuta* Veron, 2000 (vol. 3, p. 396)
21. *Anacropora pillai* Veron, 2000 (vol. 1, p. 175)
22. *Anacropora spumosa* Veron, Turak & DeVantier in Veron, 2000 (vol. 1, p. 171)
23. *Cycloseris colini* Veron, 2000 (vol. 2, p. 247)
24. *Cyphastrea hexasepta* Veron, Turak & DeVantier in Veron, 2000 (vol. 3, p. 245)
25. *Echinophyllia costata* Fenner & Veron in Veron, 2000 (vol. 3, p. 330)
26. *Echinophyllia pectinata* Veron, 2000 (vol. 3, p. 331)
27. *Echinopora irregularis* Veron, Turak & DeVantier in Veron, 2000 (vol. 3, p. 262)
28. *Echinopora robusta* Veron, 2000 (vol. 3, p. 263)
29. *Echinopora tiranensis* Veron, Turak & DeVantier in Veron, 2000 (vol. 3, p. 265)
30. *Echinophyllia taylorae* Veron, 2000 (vol. 2, p. 327) (the species *Echinopora taylorae* was erroneously described by Veron (2000) in the genus

*Echinophyllia*. Veron (2002) published the following statement 'In the original description, this species was erroneously placed in genus *Echinophyllia*').

31. *Favia albida* Veron, 2000 (vol. 3, p. 112; misspelled there as *Favia albidus*)
32. *Favia lacuna* Veron, Turak & DeVantier in Veron, 2000 (vol. 3, p. 111)
33. *Favia marshae* Veron, 2000 (vol. 3, p. 122)
34. *Favia rosaria* Veron, 2000 (vol. 3, p. 119)
35. *Favia truncata* Veron, 2000 (vol. 3, p. 113; misspelled there as *Favia truncatus*)
36. *Favia vietnamensis* Veron, 2000 (vol. 3, p. 127)
37. *Favites bestae* Veron, 2000 (vol. 3, p. 140)
38. *Favites micropentagonus* Veron, 2000 (vol. 3, p. 137; misspelled there as *Favites micropentagona*)
39. *Favites paraflexuosus* Veron, 2000 (vol. 3, p. 155; misspelled there as *Favites paraflexuosa*)
40. *Fungia puishani* Veron & DeVantier in Veron, 2000 (vol. 2, p. 277)
41. *Galaxea acrhelia* Veron, 2000 (vol. 2, p. 115)
42. *Galaxea cryptoramosa* Fenner & Veron in Veron, 2000 (vol. 2, p. 114)
43. *Galaxea longisepta* Fenner & Veron in Veron, 2000 (vol. 2, p. 116)
44. *Goniastrea minuta* Veron, 2000 (vol. 3, p. 158)
45. *Goniastrea ramosa* Veron, 2000 (vol. 3, p. 160)
46. *Goniastrea thecata* Veron, DeVantier & Turak in Veron, 2000 (vol. 3, p. 169)
47. *Goniopora albicona* Veron, DeVantier & Turak in Veron, 2000 (vol. 3, p. 361)
48. *Goniopora ciliata* Veron, 2000 (vol. 3, p. 327)
49. *Goniopora pearsoni* Veron, 2000 (vol. 3, p. 365)
50. *Goniopora sultani* Veron, DeVantier & Turak in Veron, 2000 (vol. 3, p. 355)
51. *Halomitra meierae* Veron & Maragos in Veron, 2000 (vol. 2, p. 300)
52. *Leptastrea aequalis* Veron, 2000 (vol. 3, p. 235)
53. *Leptoseris striata* Fenner & Veron in Veron, 2000 (vol. 2, p. 212)
54. *Lobophyllia dentata* Veron, 2000 (vol. 3, p. 46; misspelled there as *Lobophyllia dentatus*)
55. *Lobophyllia flabelliformis* Veron, 2000 (vol. 3, p. 48)
56. *Lobophyllia serrata* Veron, 2000 (vol. 3, p. 41; misspelled there as *Lobophyllia serratus*)
57. *Micromussa diminuta* Veron, 2000 (vol. 3, p. 9)
58. *Montastraea colemani* Veron, 2000 (vol. 3, p. 219; misspelled there as *Montastrea colemani*)
59. *Montastraea serageldini* Veron, 2000 (vol. 3, p. 213; misspelled there as *Montastrea serageldini*)
60. *Montipora aspergilla* Veron, DeVantier & Turak in Veron, 2000 (vol. 3, p. 167)
61. *Montipora crypta* Turak, DeVantier & Veron in Veron, 2000 (vol. 1, p. 126)
62. *Montipora delicatula* Veron, 2000 (vol. 1, p. 70)
63. *Montipora echinata* Veron, DeVantier & Turak in Veron, 2000 (vol. 1, p. 166)
64. *Montipora hemispherica* Veron, 2000 (vol. 1, p. 147)
65. *Montipora hodgsoni* Veron, 2000 (vol. 1, p. 72)

66. *Montipora kellyi* Veron, 2000 (vol. 1, p. 164)
67. *Montipora niugini* Veron, 2000 (vol. 1, p. 158)
68. *Montipora pachytuberculata* Veron, DeVantier & Turak in Veron, 2000 (vol. 1, p. 166)
69. *Montipora palawanensis* Veron, 2000 (vol. 1, p. 132)
70. *Montipora porites* Veron, 2000 (vol. 1, p. 162)
71. *Montipora saudii* Turak, DeVantier & Veron in Veron, 2000 (vol. 1, p. 92)
72. *Montipora taiwanensis* Veron, 2000 (vol. 1, p. 132)
73. *Montipora verruculosa* Veron, 2000 (vol. 1, p. 136; misspelled there as *Montipora verruculosus*)
74. *Montipora vietnamensis* Veron, 2000 (vol. 3, p. 127)
75. *Mycedium steeni* Veron, 2000 (vol. 2, p. 347)
76. *Mycedium umbra* Veron, 2000 (vol. 2, p. 342)
77. *Oxypora convoluta* Veron, 2000 (vol. 2, p. 340)
78. *Oxypora egyptensis* Veron, 2000 (vol. 2, p. 341)
79. *Parasimplastrea sheppardi* Veron, 2000 (vol. 3, p. 230)
80. *Pectinia africana* Veron, 2000 (vol. 2, p. 353; misspelled there as *Pectinia africanus*)
81. *Pectinia pygmaea* Veron, 2000 (vol. 2, p. 361; misspelled there as *Pectinia pygmaeus*)
82. *Platygyra acuta* Veron, 2000 (vol. 3, p. 190)
83. *Platygyra carnosa* Veron, 2000 (vol. 3, p. 184; misspelled there as *Platygyra carnosus*)
84. *Plerogyra disca* Veron & Fenner in Veron, 2000 (vol. 2, p. 86)
85. *Plesiastrea devantieri* Veron, 2000 (vol. 3, p. 228)
86. *Pocillopora effusa* Veron, 2000 (vol. 2, p. 39; misspelled there as *Pocillopora effusus*)
87. *Pocillopora fungiformis* Veron, 2000 (vol. 2, p. 40)
88. *Pocillopora indiania* Veron, 2000 (vol. 2, p. 37)
89. *Pocillopora kelleheri* Veron, 2000 (vol. 2, p. 32)
90. *Pocillopora zelli* Veron, 2000 (vol. 2, p. 36)
91. *Podabacia lankaensis* Veron, 2000 (vol. 3, p. 315)
92. *Podabacia sinai* Veron, 2000 (vol. 3, p. 314)
93. *Porites desilveri* Veron, 2000 (vol. 3, p. 308)
94. *Porites flavus* Veron, 2000 (vol. 3, p. 341)
95. *Porites harrisoni* Veron, 2000 (vol. 3, p. 343)
96. *Porites napopora* Veron, 2000 (vol. 3, p. 318)
97. *Porites rugosus* Fenner & Veron in Veron, 2000 (vol. 3, p. 342; misspelled there as *Porites rugosa*)
98. *Porites tuberculosus* Veron, 2000 (vol. 3, p. 331; misspelled there as *Porites tuberculosa*)
99. *Poritipora paliformis* Veron, 2000 (vol. 3, p. 347)
100. *Sandalolitha africana* Veron, 2000 (vol. 2, p. 299)
101. *Seriatopora dendritica* Veron, 2000 (vol. 2, p. 46)
102. *Seriatopora guttata* Veron, 2000 (vol. 2, p. 50; misspelled there as *Seriatopora guttatus*)
103. *Stylophora madagascarensis* Veron, 2000 (vol. 2, p. 57)

**Generic names**

1. *Poritipora* Veron, 2000 (vol. 3, p. 347) (type species *Poritipora paliformis* Veron, 2000 by monotypy) (This name appears to meet all the conditions for availability under the fourth edition of the Code without recourse to Article 86.1.2.)
2. *Micromussa* Veron, 2000 (vol. 3, p. 8) (type species *Acanthastrea amakusensis* Veron, 1990 by original designation)

**Family names**

EUPHYLLIDAE Veron, 2000, vol. 2, p. 67 (type genus *Euphyllia* Dana, 1846 by original designation). This name, presented by Veron as a new family, is evidently merely an erroneous subsequent spelling of EUPHYLLIIDAE Milne Edwards, 1857, proposed originally as EUPHYLLIACEAE at the lower family-level rank of 'agèle'. Under the Principle of Coordination (Article 36.1), EUPHYLLIIDAE Milne Edwards, 1857 is thus the correct attribution and spelling, and neither EUPHYLLIDAE, nor its emendation EUPHYLLIIDAE sensu Veron (2002), has any separate availability.

**References**

- Milne Edwards, H.** 1857. *Histoire naturelle des Coralliaires ou Polypes proprement dits*, vol. 2. 633 pp. Librairie Encyclopédique de Roret, Paris.
- Veron, J.E.N.** 2000. *Corals of the world*, vols. 1–3. 1410 pp. Australian Institute of Marine Science, Townsville, Australia.
- Veron, J.E.N.** 2002. New species described in Corals of the World. *Australian Institute of Marine Science Monograph Series*, **11**: 1–206.