Case 1229

***Dysidea* Johnston, 1842 (Porifera, Keratosa): proposed conservation**

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Abstract. The purpose of this application is the conservation of the sponge name *Dysidea* Johnston, 1842. It is threatened by a senior subjective synonym, *Spongelia* Nardo, 1834, which has not been used as the valid name for over 50 years.

1. Johnston (1842, p. 185) introduced the generic name *Duseideia* for a sponge from British waters. On p. 251 of the same work he spelled the name *Dysidea*. Bowerbank (1864, p. 211) as first reviser chose the spelling *Dysidea*, which therefore becomes the correct original spelling. Under Article 19a (ii), *Duseideia* is an incorrect original spelling and has no standing in nomenclature.

2. Johnston included two species in his new genus *Dysidea* but did not designate a type species. In 1948 de Laubenfels (p. 137) designated *Spongia fragilis* Montagu 1818, (p. 114) as type.

3. There are two known unjustified emendations of *Dysidea*: *Dysidia* Agassiz, 1846 (p. 131) and *Duseidea* Delage & Hérouard, 1899 (p. 230). Both are junior objective synonyms of *Dysidea* Johnston. *Dyseideia* Lieberkuhn, 1859 (p. 363) and *Desidea* Koehler, 1885 (p. 12) are incorrect subsequent spellings under Article 33c and are therefore unavailable.

4. *Spongelia* was first established by Nardo (1834, col. 714) but had no included species. Later, Nardo (1847, p. 3) included a single species, *Spongelia elegans*, but he gave no description. However, in 1862 Schmidt (p. 28) described Nardo's *Spongelia elegans* and consequently made the specific name available and defined the type species of *Spongelia* by subsequent monotypy.

5. Schmidt's *elegans* has long been considered to fall within Johnston's *Dysidea* but despite its priority *Spongelia* has not, as far as is known, been used as the valid name for over 50 years. Moreover, *Dysidea* is the type genus of the family name DYSIDEIDAE Gray, 1867 (p. 511).

6. The International Commission on Zoological Nomenclature is accordingly asked:
- (1) to use its plenary powers to suppress the generic name *Spongelia* Nardo, 1834, for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
 - (2) to place on the Official List of Generic Names in Zoology the name *Dysidea* Johnston, 1842 (gender: feminine), type species by subsequent designation by de Laubenfels (1948) *Spongia fragilis* Montagu, 1818;
 - (3) to place on the Official List of Specific Names in Zoology the name *fragilis* Montagu, 1818, as published in the binomen *Spongia fragilis* (specific name of the type species of *Dysidea* Johnston, 1842);

- (4) to place on the Official List of Family-Group Names in Zoology the name DYSIDEIDAE Gray, 1867 (type genus *Dysidea* Johnston, 1842);
- (5) to place on the Official Index of Rejected and Invalid Generic Names in Zoology the following names:
 - (a) *Spongelia* Nardo, 1834, as suppressed in (1) above;
 - (b) *Duseideia* Johnston, 1842 (an incorrect original spelling of *Dysidea* Johnston, 1842);
 - (c) *Dysidia* Agassiz, 1846 (an unjustified emendation of *Dysidea* Johnston, 1842);
 - (d) *Dyseideia* Lieberkuhn, 1859 (an incorrect subsequent spelling of *Dysidea* Johnston, 1842);
 - (e) *Deseidea* Koehler, 1885 (an incorrect subsequent spelling of *Dysidea* Johnston, 1842).
 - (f) *Duseidea* Delage & Hérouard, 1899 (an unjustified emendation of *Dysidea* Johnston, 1842).

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