

# **S E P A R A T E**

OF A PAPER PUBLISHED BY  
THE INTERNATIONAL TRUST FOR ZOOLOGICAL NOMENCLATURE  
ON BEHALF OF  
THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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This is a separate of an application to the International Commission on Zoological Nomenclature for a ruling on a nomenclatural problem. The reference to the volume and part of the *Bulletin of Zoological Nomenclature* and the date of publication are printed at the foot of the first page.

2. Applications are published in the *Bulletin* so that zoologists may know what business is before the Commission and comment on any cases that interest them. Authors are provided with separates so that they may encourage zoologists likely to have a special interest to express their views to the Commission. A minimum interval of six months from the date of publication is allowed to elapse before the Commission commences taking a vote on any given application.

3. Recipients of separates are therefore particularly requested to forward their comments as soon as possible to the Secretary, the International Commission on Zoological Nomenclature, c/o British Museum (Natural History), Cromwell Road, London, S.W.7, 5BD, England.

**HALIPLANELLA TREADWELL, 1943 (POLYCHAETA):  
REQUEST FOR SUPPRESSION UNDER THE PLENARY  
POWERS IN FAVOUR OF HALIPLANELLA HAND, 1955  
(ANTHOZOA). Z.N.(S.) 2192**

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Homonymy exists between genus-group names *Haliplanella* Treadwell, 1943 (Polychaeta) and *Haliplanella* Hand, 1955 (Anthozoa). The senior name was omitted from lists of generic names and has been synonymized, whereas the junior name enjoys considerable currency and forms the basis of a family-group name. Stability would be served best by suppressing the senior homonym, in our opinion.

2. The genus-group name *Haliplanella* was first published by Treadwell (1943) for a pelagic marine polychaete. He provided a short summary of the differences between the genera *Haliplanes* and *Haliplanella*, attributing both genera and the differential diagnosis to Reibisch (1895). However, the name *Haliplanella* does not appear in any of Reibisch's published work, although the pages cited by Treadwell do contain descriptions of the genus *Haliplanes* and of the species *Haliplanes gracilis*. In his 1943 paper, Treadwell described a new species, *Haliplanella pacifica*, the type-species by monotypy. The genus-group name *Haliplanella* thus met the criteria of availability in that publication, and Treadwell has been recognized as its author (Dales, 1957; Hartman, 1956, 1959; Ushakov, 1972). The name *Haliplanella* did not appear in Volume 5 of *Nomenclator Zoologicus* (Neave, 1950), possibly because it was not considered a new name by Treadwell (1943).

3. In 1955 (: 210-211), Hand created the genus-group name *Haliplanella* for the actinian described as *Sagartia luciae* Verrill, 1898: 493-494. The species has also been included in other genera (see synonymies in Hand, 1955). At the same time (: 210), Hand created a separate family, the HALIPLANELLIDAE, with *Haliplanella* as its sole genus and *H. luciae* as its sole species. The subsequent volume of *Nomenclator Zoologicus* (Edwards and Hopwood, 1966: 115) listed "*Haliplanella* Hand 1955, Wasmann J. Biol. vol. 13: 210. -Coel."

4. In 1956, Hartman synonymized *Haliplanella pacifica* Treadwell, 1943, with *Halyplanes gracilis* Reibisch, 1893, the type species of *Halyplanes*. In 1957, Dales synonymized the genus *Halyplanes* with the genus *Maupasia* Viguier, 1886. Thus *Haliplanella pacifica* Treadwell is now considered a junior subjective

synonym of *Maupasia gracilis* (Reibisch) (Hartman, 1959; Ushakov, 1972).

5. From 1955 through the latest issues available, the generic name *Haliplanella* appeared in *Biological Abstracts* and *Zoological Record* once for the polychaete, as an invalid synonym (Hartman, 1956) and three times for the actinian, as a valid name (Hand, 1955; Sassaman and Mangum, 1970, 1973). At the Third International Symposium of Coelenterate Biology, held in May, 1976, two papers were presented which dealt with the actinian *Haliplanella luciae* (Minasian, in press; Shick, in press), and the species appears in two widely used manuals to marine fauna (Hand, 1964, 1975).

6. Thus the name *Haliplanella* appears rarely in the literature for the polychaete and only as a junior synonym for *Maupasia*. The name *Haliplanella* for the actinian is not only in current usage, but the animal so designated is being used increasingly for anatomical, physiological and ecological studies (e.g. Atoda, 1973, 1976; Lindstedt, 1971; Sassaman and Mangum, 1970, 1973; Tanzawa and Yanagita, 1974; Williams, 1975; and as *Diadumene luciae* Kiener, 1971; Williams, 1968, 1972, 1973). There is no older available synonym for this genus of actinian, and its distinctiveness warrants its placement in a separate family. Application of the Law of Priority would necessitate creation of new genus-group and family-group names.

7. Therefore, we hereby request that the International Commission on Zoological Nomenclature:

- (1) use its plenary powers to suppress the generic name *Haliplanella* Treadwell, 1943 (Polychaeta) for the purposes of both the Law of Priority and the Law of Homonymy;
- (2) place the generic name *Haliplanella* Hand, 1955 (Anthozoa) (gender: feminine), type-species, by monotypy, *Sagartia luciae* Verrill, 1898, on the Official List of Generic Names in Zoology;
- (3) place the specific name *luciae* Verrill, 1898, as published in the binomen *Sagartia luciae* (specific name of type-species of *Haliplanella* Hand, 1955) on the Official List of Specific Names in Zoology;
- (4) place *Haliplanella* Treadwell, 1943 as suppressed under the plenary powers in (1) above, on the Official Index of Rejected and Invalid Generic Names in Zoology; and
- (5) place the family-group name HALIPLANELLIDAE Hand, 1955 (type-genus *Haliplanella* Hand, 1955) on the Official List of Family Group Names in Zoology.

#### ACKNOWLEDGEMENT

We thank James T. Carlton for drawing our attention to this situation.

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*Printed in England by NORMAN CARTER*

*11 Broad Street, Teddington Middlesex.*

*01-977 1492*