UC San Diego

UC San Diego Previously Published Works

Title

Erratum: Systematics and biogeography of Tropical Eastern Pacific Chthamalus with descriptions of two new species (Cirripedia, Thoracica). Zootaxa 1574: 1-30 (2007).

Permalink

<https://escholarship.org/uc/item/2p154678>

Journal

Zootaxa, 4461(2)

ISSN

1175-5326

Authors

Pitombo, Fabio Bettini
Burton, Ron

Publication Date

2018-08-01

DOI

10.11646/zootaxa.4461.2.12

Peer reviewed

Erratum: Systematics and biogeography of Tropical Eastern Pacific *Chthamalus* with descriptions of two new species (Cirripedia, Thoracica). Zootaxa 1574: 1–30 (2007)

FABIO BETTINI PITOMBO¹ & RON BURTON²

¹Universidade Federal Fluminense, Departamento de Biologia Marinha. Outeiro São João Baptista s/n, Niterói, RJ, Brazil. CEP 240201-141. E-mail fpitombo@id.uff.br

²Scripps Institution of Oceanography, University of California, San Diego, 9500 Gilman Drive, La Jolla California 92093, USA

We report a *lapsus calami* in our explanation of the etymology of the name *Chthamalus southwardorum* sp. nov. in Pitombo & Burton 2007.

The statement “The name is in honor of Dr. A. J. Southward for his extensive contribution to the knowledge of the chthamalids and his careful collection during the Tropical Eastern Pacific Expedition” should read: “The name is in honor of Drs A. J. and E. Southward for their extensive contributions to the knowledge of the chthamalids and careful collection during the Tropical Eastern Pacific Expedition”.

It was our purpose, as clearly and unmistakably indicated by the correct pluralization of the species name, to dedicate this species to both Alan and Eve Southward (as also noted by Newman *et al.* (2016)), which joint honor was suggested to R. Burton by W. A. Newman *in litt.* on April 19, 2005. Indeed, we underscore that it was both Southwards who jointly assisted in collecting specimens of the species. We regret this error, now formally corrected herein.

The name *Chthamalus southwardorum* was subsequently incorrectly replaced with the name *C. alani* Chan 2016, based upon the misinterpretation that *southwardorum* was an incorrect original spelling error (Chan *et al.* 2016), which it is not (Newman *et al.* 2016). Ewers-Saucedo (2016) stated that *C. southwardorum* is a “*taxon inquirendum*,” noting that the name was later determined (Wares *et al.* 2009) to encompass two species. However, the name *southwardorum* is available for one of those two species (“form A” in Wares *et al.* 2009), given that when a described species is split into two or more clades, one of those clades retains the stem species name. The rationale to create the replacement name *alani* was specifically presented (Chan *et al.* 2016) as addressing a perceived original spelling error, not that *southwardorum* was a *taxon inquirendum*. This latter designation appears to be a *de novo* justification, introduced informally and without peer review, for the continued use of the name *alani*, which can now be set aside as an unnecessary replacement name.

We would like to express our gratitude to Dr. Jim Carlton for his help with the matter.

Literature cited

- Chan, B.K.K., Chen, H.-H., Dando, P.R., Southward, A.J. & Southward, E.C. (2016) Biodiversity and biogeography of chthamalid barnacles from the North-Eastern Pacific (Crustacea Cirripedia), *PLoS ONE*, 11 (3), e0149556
<http://dx.doi.org/10.1371/journal.pone.0149556>
- Ewers-Saucedo, C. (2018). WoRMS (2018) *Chthamalus southwardorum* Pitombo & Burton, 2007. Accessed from: <http://www.marinespecies.org/aphia.php?p=taxdetails&id=881444> (accessed 19 May 2018)
- Newman, W.A., Buckeridge, J. & Pitombo, F.B. (2016) The anatomy of a proposed name change involving *Chthamalus southwardorum* (Cirripedia, Balanomorpha, Chthamalidae), a critique. *Journal of Marine Science: Research & Development* (6) 5, 2 pp.
<http://dx.doi.org/10.4172/2155-9910.1000207>
- Pitombo, F.B. & Burton, R. (2007) Systematics and biogeography of Tropical Eastern Pacific *Chthamalus* with descriptions of two new species (Cirripedia, Thoracica). *Zootaxa*, 1574, 1–30
<http://dx.doi.org/10.11646/zootaxa.1574.1>
- Wares, J.P., Pankey, M.S., Pitombo, F.B., Daglio, L.G. & Aчитuv, Y. (2009) A “Shallow Phylogeny” of Shallow Barnacles (*Chthamalus*). *PLoS ONE*, 4 (5), e5567
<http://doi.org/10.1371/journal.pone.0005567>