

VALIDITY OF NEW SPECIES AND SUBSPECIES OF *AMPHISOLENIA* STEIN

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Amphisolenia Stein is a warm water marine planktonic dinoflagellate (Taylor, 1976). Saifullah & Hassan (1973) reported two new species (*Amphisolenia biprojecta* Saifullah et Hassan and *A. taylorii* Saifullah et Hassan) and a new subspecies (*A. taylorii* subsp. *manorensis* Saifullah et Hassan) from the inshore waters of Karachi. They described in detail the characters of the taxa along with illustrations but did not provide their latin diagnoses, which makes their publication invalid according to ICBN article 36.1 (Grueter *et al.*, 1994). Sournia (1978) was the first one to point out this shortcoming. In order to validate the publication, the latin diagnoses of all the three taxa are given as under:

Amphisolenia biprojecta Saifullah et Hassan 1973; 153-154, figs. 9A, 9B, 9C, Tables I & II.

Corpus tenuis, cylindrica; collum brevis, tenuis, cylindrica; epitheca convexa; corpus medius leveieter tumidus, contractus utrinque, formica apicalis gradatim contractus-quoque utriusque, sigmoideus, subterminalis pars cum duo calx prominentia in lateralis latis; formica apice possidere duo spinnae.

Amphisolenia taylorii Saifullah et Hassan 1973: 152-154, figs. 4A, 4B, Tables I & II.

Formica apice tur distincte divisus in duo symmetrica lobis, quisqua posederea duo spinnae. Lobimur brevis et non longis ut in *A. bifurcata* Saifullah et Hassan.

Amphisolenia taylorii subsp. *manorensis* Saifullah et Hassan 1973: 152-154, figs. 8A, 8B, Tables I & II.

Corpum morphologia similis ad typo subspecies; formica apice latus, bilobis cum duo spinnae in leave valva et unus in rectus valva; subterminalis pars super lobis tumidus.

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