

Qataria Reed, nom. nov. for Polygonella Elliott

Clyde F. Reed *

Polygonella Elliott (1957, Rhodophyceae, Upper Jurassic) is antedated by Polygonella Michx. (1803, Polygonaceae) and needs a new name. The type horizon for the genotype of the fossil alga is Duklan, Qatar in Oman on the Persian Gulf. Therefore, I am renaming this genus Qataria.

Elliott described his genus as a calcareous alga composed of a thin encrusting-spread consisting of single layer of proportionally large cells of polygonal-prismatic shape, in a honeycomb fashion. He placed the genus in 'Alga Incertae sedis'.

However, Imaizumi (1965, p. 53), when describing the second species in the genus, gave a more formal treatment: Rhodophyta Papenfuss, 1946; Rhodophyceae Ruprecht, 1851; Cryptonemiales Schmitz in Engler, 1892; Solenoporaceae Pia, 1927. (Phodophyta and Phodophyceae are misspellings).

Qataria Reed, nom. nov. Based on Polygonella Elliott, Micropaleontology, 3: 230, pl. 1, f. 11-12. 1957. Upper Jurassic: Arabia, Syria, Switzerland, Austria, Japan; Lower Cretaceous: N. Iraq.

Qataria incrustata (Elliott) Reed, comb. nov. Basionym: Polygonella incrustata Elliott, Micropaleontology, 3: 230, pl. 1, f. 11-12. 1957. Upper Jurassic: Arabia, Fahud, Oman, Dukhan, Qatar, Persian Gulf); Terbol, Syria; Switzerland; Austria; Lower Cretaceous (Aptian): Najmah, N. Iraq.

Qataria shikokuensis (Imaizumi) Reed, comb. nov. Basionym: Polygonella shikokuensis Imaizumi, Sci. Rep. Tohoku Univ., 2nd. Ser. Geol., 37(1): 53, pl. 9, f. 3-6. Sendai. 1965. Upper Jurassic: Torinosu, Sakawa-machi, Takaoka-gun Kochi Pref., Shikoku, Japan.

Elliott, Graham F. New Calcareous Algae from the Arabian Peninsula. Micropaleontology, 3: 227-230, pl. 1, f. 11-12. 1957.

Imaizumi, Rikizo Late Jurassic Algae from Honshu and Shikoku, Japan. Sci. Rep. Tohoku Univ., 2nd Ser. Geol., 37(1): 49-62, 6 pl., 5 tables. Sendai. 1965.

Michaux, Andre Flora Borealis Americana, 2: 240. 1803.

* Reed Herbarium, 10105 Harford Road, Baltimore, Maryland; Collaborator in Department of Botany, Smithsonian Institution, Washington.



Reed, Clyde F. 1969. "Qataria Reed, nom. nov. for Polygonella Elliott."
Phytologia 18(4), 212.

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