

عنوان مقاله:

NOTES ON THE GENUS DICTYOTA (DICTYOTACEAE, PHAEOPHYCEAE) IN THE PERSIAN GULF, IRAN

محل انتشار:

مجله گیاه شناسی ایران، دوره 25، شماره 1 (سال: 1398)

تعداد صفحات اصل مقاله: 11

نویسندگان:

Mahnaz Sadeghi - *Department of Plant Breeding and Biotechnology, Faculty of Agriculture, University of Zabol, Iran*

Barat Ali Fakheri - *Department of Plant Breeding and Biotechnology, Faculty of Agriculture, University of Zabol, Zabol, Iran*

Jelveh Sohrabipour - *Agricultural and Research and Education Center of Hormozgan, Bandar Abbas, Agricultural Research, Education and extension Organization, Iran*

Abbasali Emamjomeh - *Department of Plant Breeding and Biotechnology, Faculty of Agriculture, University of Zabol, Iran*

.Davood Samsampour - *Department of Horticultural Sciences, Faculty of Agriculture, University of Hormozgan, Iran*

خلاصه مقاله:

In this research, the taxonomic status of the genus Dictyota in southern coastlines of Iran was studied. Taxonomy of the genus at species levels is complicated and difficult due to the high morphological plasticity in response to environmental conditions and overlapping of diagnostic characters. In this study, we combined morphological information with cytoplasmic barcoding data from DNA rbcL and psbA. We identified Dictyota acutiloba as new record and also confirmed the presence of Dictyota ciliolata in the Persian Gulf and Gulf of Oman. Our studies showed D. ciliolata species has high inter-specific morphological diversity

کلمات کلیدی:

brown algae, Dictyota, DNA barcoding, new record, psbA, rbcL

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1856047>

