

عنوان مقاله:

Isolation, morphological and molecular identification of *Dunaliella* species in Hoz-e Soltan and Aran-va-Bidgol salt
(Lakes Iran)

محل انتشار:

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خلاصه مقاله:

In this study, *Dunaliella* has been isolated in Jun. ۲۰۱۴ from Hoz-e Soltan and Aran-va-Bidgol salt Lakes (Iran). The isolates have been identified morphologically with the aid of simple light and invert microscope after isolation and purification on their specific medium (Moh۲۰۲). By using molecular techniques such as polymerase chain reaction (PCR) and amplification of ۱۸S rDNA gene primers, further identification was done and morphological identification were confirmed. The isolation and molecular identification of the *Dunaliella* species from above-mentioned lakes .revealed that, at least two species of *Dunaliella*, namely, *D. parva* and *D. viridis* exist in the studied area

کلمات کلیدی:

Dunaliella, green algae, molecular diversity, saline lake

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