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## **The Survey of the possibility of the Seagrass (*Ruppia maritima*) extension in Gomishan Shrimp Culture Site (Golestan Province)**

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### **Abstract**

Sampling of *Ruppia maritima* were done from Caspian Sea coast and channel of Gomishan shrimp culture site in Golestan province in summer 2016. Identification of species performed by internal references and confirmation of scientific name done in relation to foreign experts. Distribution of this species is very extensive in tropical and semi tropical area of brakish waters, marine waters in sea and oceans. The density of this species usually is very abundant in Caspian sea coasts as well. This species belonged to Kingdom of plantae, phylum of Tracheophyta, Class of Angiosperm, Order of najadales, Family of ruppiaceae, Genus of *Ruppia* and species of *maritima*. This species grow on muddy and muddy-sandy substrates with rhizoid. Although this species is part of important primary producers in sea, from the point of view of economic is not importance. it is appropriate shelter and nursery area for is important and commercial aquatic in zone. As a result, it importance from the point of view of ecological. whereas, this species may be disturbed in shrimp culture ponds and also little studies have performed in this case, therefore, in this research in addition to introducing this species, prevent ways of extension of that be mentioned in zone.

**Keywords:** Seagrass, *Ruppia maritima*, Site of Gomishan Shrimp