

عنوان مقاله:

Reproduction characteristics of the *Vimba vimba persa*

محل انتشار:

مجله علوم شیلات ایران، دوره 10، شماره 4 (سال: 1390)

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خلاصه مقاله:

Some reproduction characteristics of the Caspian Vimba, *Vimba vimba persa*, were studied from Oct. ۲۰۰۸ to Sep. ۲۰۰۹ in coastal waters of the Caspian Sea (Mazandaran province). ۹۹۴ specimens were monthly collected from ۶ fish landing sites of Ramsar, Tonekabon, Chalus, Mahmood Abad, Sari and Behshahr. The fecundity was measured using ۹۲ specimens. This species was found to have more abundance in spring (especially April and May). The samples composed of ۳۹۷(۴۲.۶%) male, ۵۳۷(۵۷.۴%) female the sex ratio was M: F = ۱:۱.۳۵. The advanced stages of maturity (۴th & ۵th) were found in April and May. The highest Gonadosomatic Index in females was in May and the lowest one .was in July. The average of absolute and relative fecundities was ۱۷۱۹۸ ± ۷۷۱۰ and ۱۷۱.۸۵ ± ۴۸.۸ , respectively

کلمات کلیدی:

Caspian Vimba, *Vimba vimba persa*, Fecundity, GSI, Sex ratio, Caspian Sea

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