

عنوان مقاله:

Study on histologically structure of gonads in the Brown banded Bamboo shark (*Chiloscyllium punctatum*) from the Mousa Creek

محل انتشار:

دومین کنفرانس ماهی شناسی ایران (سال: 1393)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Rahman Alimi - *Department of Marine Biology, Faculty of Marine Sciences and Oceanography, Khorramshahr University of Marine Science and Technology, Iran*

Abdolali Movahedinia - *Department of Marine Biology, Faculty of Marine Sciences and Oceanography, Khorramshahr University of Marine Science and Technology, Iran*

خلاصه مقاله:

Brown-banded bamboo shark (*Chiloscyllium punctatum*) is one of the cartilaginous fish living in the Persian Gulf. In this investigation, 19 individuals of Brown-banded Bamboo sharks in the spring were sampled from the Mousa Creek at the north part of Persian Gulf. Gonad samples of sharks were removed and immediately fixed into Bouin's solution. Histological sections of 5 micrometers prepared and stained with hematoxylin and eosin. The sections were studied using light microscope. The result showed that the parenchyma of the gonad is divided into lobes by the connective tissue of the capsule. Each testicular lobe contains numerous of round shaped spermatocysts that having large numbers of spermatids and spermatozoa on their inner center. Also, the number of spermatids and sperms progressively increase. The spermatogonial zone was characterized by the formation of the spermatocysts. In addition, the Leydig cells were occupying inner spermatocysts part.

کلمات کلیدی:

Histology, Gonad, Shark, *Chiloscyllium punctatum*, Mousa Creek

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1024250>

