

## عنوان مقاله:

Feeding habits and trophic level of *Himantura gerrardi* (Elasmobranchii; Dasyatidae) in northern Oman Sea: effects of sex and size class

## محل انتشار:

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## خلاصه مقاله:

The feeding habits and trophic level of *Himantura gerrardi* were studied according to sex and size classes of 80 individuals obtained using bottom trawl between May and December 2014 from the Oman Sea. Collected specimens were divided into three size classes (small < 38 cm, medium 38-58 cm and large > 58 cm) based on disk width. Prey was identified in seven main zoological categories, where crustacean and polychaetes were the dominant in diets, indicating this species is a demersal dwelling species. No significant differences were observed between sexes, but size classes showed significant differences in their diets. Also, results showed a decrease in feeding overlap between size classes with an increase in disk width, suggesting that intraspecific competition reduced, which allows the coexistence of different size classes. Trophic level was positively correlated with the disk width, which was lower than 4.0 for both sexes and different size classes, placing it in an intermediate trophic level.

## کلمات کلیدی:

*Dasyatidae*, *Himantura gerrardi*, Feeding habits, Trophic level, Oman Sea

## لینک ثابت مقاله در پایگاه سیویلیکا:

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