

عنوان مقاله:

Length-weight relationship and condition factor of seven fish species from Shahrbijar River, Southern Caspian Sea basin, Iran

محل انتشار:

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خلاصه مقاله:

Length-weight relationship and condition factor were estimated in seven fish species, including *Barbus cyri*, *Capoeta gracilis*, *Alburnoides eichwaldii*, *Pseudorasbora parva*, *Ponticola cyrius*, *Cobitis keyvani* and *Acanthalburnus microlepis* from Shahrbijar River, Guilan Province, Iran. A total of ۴۱۶ specimens ranging from ۱۸ to ۱۳۵ mm in total length and from ۰.۰۶ to ۱۹.۲۵ g in total weight were collected. Based on the results, growth coefficient values "b" ranged from ۲.۶۱۵ (in *B. cyri*) through ۳.۰۰۱ (in *A. microlepis*). All length-weight relationships were significant ($p < 0.05$), with r^2 higher than ۰.۸۱۹. The five species viz. *C. gracilis*, *P. parva*, *C. keyvani*, *P. cyrius*, and *B. cyri* showed allometric ($b < 3$)

کلمات کلیدی:

Shahrbijar River, Freshwater fishes, Morphometrics, Allometry, Caspian Sea basin

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