BOOK of ABSTRACTS

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In this study, we used c.p.u.e. data to estimate population size of freshwater crab (Potamion potamios) in Eğirdir Lake-Turkey. Although the crab is common inland waters in Turkey, they are unimportant economically. Moreover, there is no fishery legislation on fishing freshwater crab. The aim of estimating population size is to obtain chitin and chitosan from crab shell. Thus, the crab will be evaluated economically.

The study was carried out in April, May, June and July 2008 in Eğirdir Lake. Population size were calculated as 276799±15481, 268454±14268, 248142±11710 and 460750±25015 individual, respectively.

Key words: Population size, c.p.u.e., freshwater crab, Potamion potamios, Eğirdir Lake