

Status and management of noble crayfish



Noble crayfish *Astacus astacus* (L.) is an indigenous and the only crayfish species in Estonia. It is potentially endangered by invasion of alien species, diseases and habitat deterioration but does not have legal protected status and is fished only for recreational purpose. Crayfish Working Group of Ministry of Environment and Department of Aquaculture of the Estonian University of Life Sciences have developed crayfish conservation and management plan. Since 1994 standardized test fishing with traps (which catch only crayfish over 7 cm TL) has been carried out and database of these fishings shows, that crayfish is dwelling in more than 255 sites in the lakes, rivers, streams, artificial reservoirs. In 52% of monitored sites populations are weak, catch per trap night is below 1 specimen. Exceptionally rich is the stock on the island Saaremaa, where in 59% of populations catch per trap night is over 4 and can reach 50. Licensed recreational catch is allowed in regions, where monitoring data show good status of crayfish stock. It is not allowed to sell the crayfish caught on recreational license. Crayfishing season is limited with August, size limit in recreational fishery is 11 cm TL. There are 10 operating crayfish farms and 15 are under construction. The farms produce yearly around 1000 kg of commercial size crayfish for export to Finland. Over 200000 juveniles are produced for restocking yearly. Restocking projects e.g. restoration of populations, which have been lost because of plague have been successful. The main threat factor is crayfish plague. In 2006–2007 it destroyed the stock of crayfish farms of companies Veteko, Pähkla, *Astacus* and wild population of Põduste river on the island Saaremaa.

Auteurs du document : T. Paaver, M. Hurt

Obtenir le document : EDP Sciences

Mots clés : noble crayfish, test fishing, stock management, Estonia, écrevisse à pieds rouges, pêche expérimentale, gestion d'espèce, Estonie

Thème (issu du Text Mining) : MILIEU NATUREL

Date : 2010-04-19

Format : text/xml

Source : <https://doi.org/10.1051/kmae/2010012>

Langue : Anglais

Télécharger les documents : <https://www.kmae-journal.org/10.1051/kmae/2010012/pdf>

Permalien : <https://www.documentation.eauetbiodiversite.fr/notice/status-and-management-of-noble-crayfish0>

Evaluer cette notice: