

Recapture rate, growth and sex of stocked cultured eels *Anguilla anguilla* (L.)



A total of 84,791 Alcian blue marked eels, size range 15 - 33 cm, were released in a lake, a fjord and an open coastal area. Recaptures were made by fishermen up to 4 years following release. Recaptures were most successful at the freshwater lake where 12.6 % were recaptured, 2.7 % in the fjord and 0.2 % at the open coast. Length increment was estimated to be between 2.5 and 6.5 cm annually. The sex ratio (female/male) of yellow eels increased in subsequent years of recaptures, possibly as a result of environmental sex determination following release. The use of Alcian blue for a long-term marking experiment, based on samplings by fishermen, are concluded to be questionable.

Auteurs du document : M. I. PEDERSEN

Obtenir le document : EDP Sciences

Mots clés : anguilla, stocking, recapture rate, growth, sex, anguilla, alevinage, taux de recapture, croissance, sexe

Thème (issu du Text Mining) : MILIEU NATUREL, FAUNE

Date : 2008-08-01

Format : text/xml

Source : <https://doi.org/10.1051/kmae:1998040>

Langue : Anglais

Télécharger les documents : <https://www.kmae-journal.org/10.1051/kmae:1998040/pdf>

Permalien : <https://www.documentation.eauetbiodiversite.fr/notice/recapture-rate-growth-and-sex-of-stocked-cultured-eels-anguilla-anguilla-l0>

Evaluer cette notice: