





I E G U L D Ī J U M S T A V Ā N Ā K O T N Ē









LARVAL AND JUVENILE PERCH FEEDING IN SOME ESTONIAN AND LATVIAN STUDY

LAKES

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Study goal:

To study larval perch feeding in littoral and open-water sites of the lakes during their first year of feeding – in spring, summer and autumn, 2019.

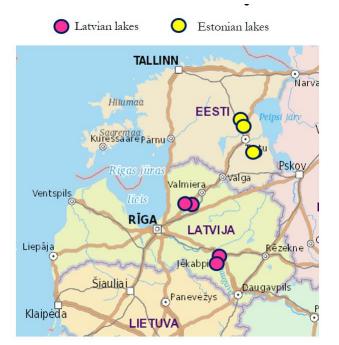


Lake Prossa Lake Kaiavere Lake Akste



Lake Auciema Lake Riebinu Lake Laukezers Lake Varzgune

Study site:



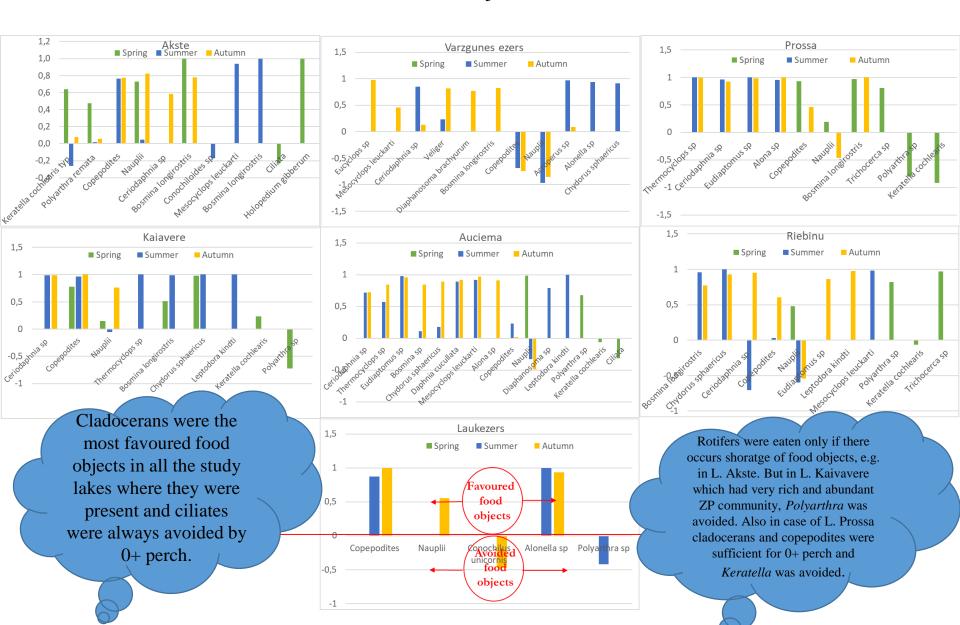
Fieldwork & laboratory methods:

Larval and juvenile perch were collected samples specifically targeted nets: beach-seines and scoopnets in littoral of the lakes and a bongonet in open-water sites. Larval and juvenile fish diet estimated by was gut segmentaion analysis via epifluorescence microscopy.

Index calculations: Ivley, IRI

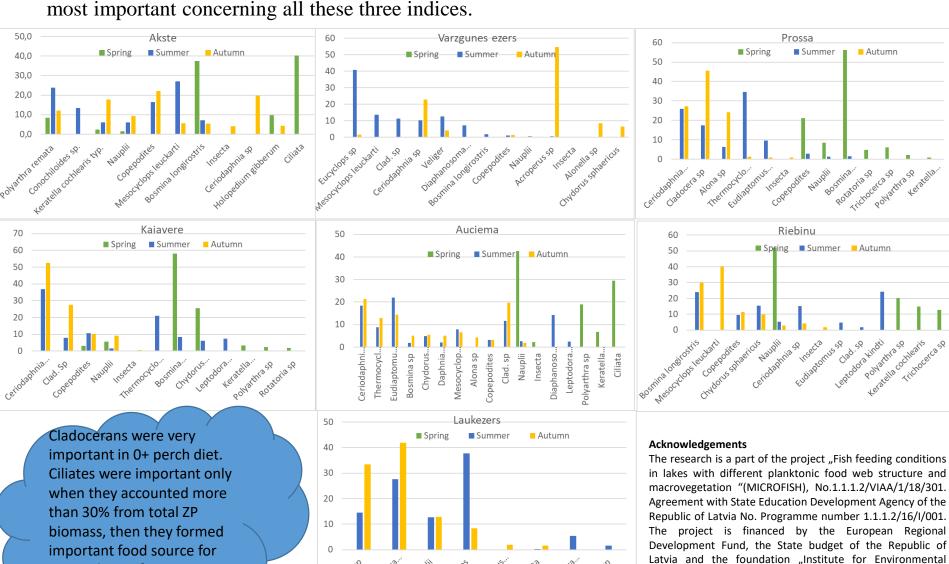
Study results: calculation of different indices of dietary importance

Ivlev`s index of selectivity (E) shows which food objects are favoured and which avoided by 0+ perch larvae and juveniles.



Study results: calculation of different indices of dietary importance

Percent index of food items relative importance (%IRI) is calculated on the basis of three different indices – numbers, mass and frequency of occurrence. It shows which food objects are relatively the most important concerning all these three indices.



Solutions".

Greatest thanks to PhD Priit Zingel.

0+ perch. Rotifers were

L. Auciema.

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