Ifremer

Laboratoire Ressources Halieutiques 150 quai Gambetta BP 699 Boulogne sur mer France



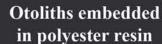


Saithe is found in the North East Atlantic, from Greenland to the Celtic Sea.

This demersal fish lives from the coast to 200 m in depth.

Saithe acquires its sexual maturity between 5 and 10 years old and its longevity is estimated at 25 years at least.





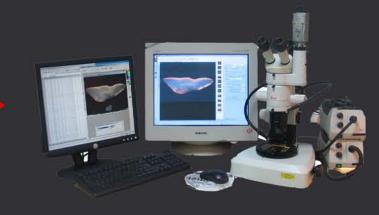






High speed diamond saw

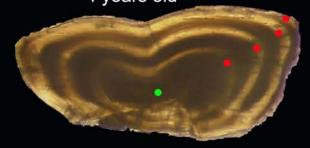
## Reading otolith transversal thin section

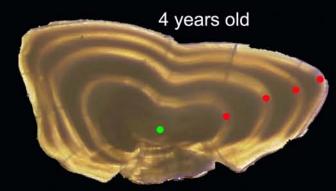


4 years old

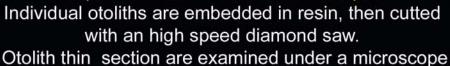
3 years

old

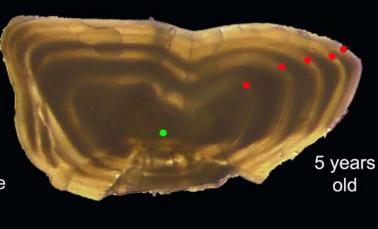




Preparation and observation technique:



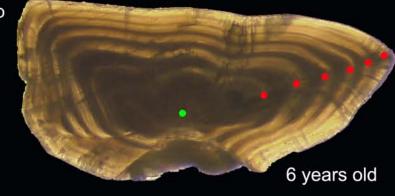
with transmitted light for age estimate.

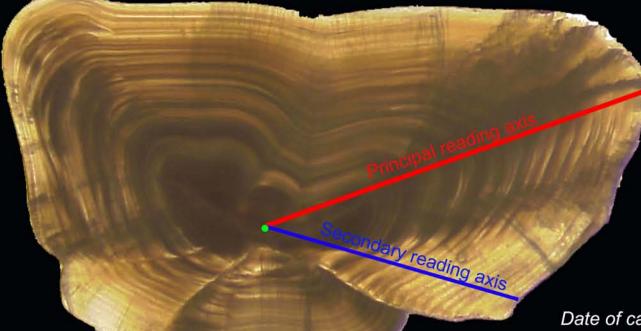


## Age estimation:

Age is estimated by counting the number of translucent increments, while taking into consideration the unknown date of birth and the date of capture. By convention in the north-east Atlantic, birth date is fixed at the first January. If the capture date is contained between the 1st January and June 30, marginal

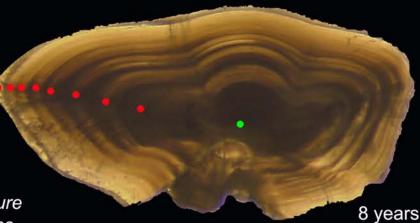
translucent increment is counted as an annual increment.





13 years old estimated fish otolith

Date of capture for all otoliths is the first quarter.



old