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Forensic assignment to geographic origin, a useful tool in seafood fraud control

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Highlights

- Only one Atlantic salmon catch of the angling season can be sold in Northern Spain.
- The first salmon catch of the year 2011 was denounced on regional Court for fraud.
- Fisherman declaration did not match with genetic assignments to a rivers baseline.
- This methodology was useful as a reinforcement of other evidences in Court.
- This is the first judicial case employing these genetic evidences in a fish species in Spain.

Abstract

Seafood fraud is an economically motivated and widely spread problem encompassing drastic consequences in both public health and species conservation. In Northern Spain,

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