

FISHERIES IMPROVEMENT COMMITTEE

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by Thünen-Institut

by P. Korringa

Belgium

(P. Hovart)

The studies on the effects of dumping of industrial waste along the Belgian coast on the stocks of fish and shrimp and invertebrates were continued.

The monitoring programme was carried out on two dumping areas for industrial wastes derived from titaniumdioxide processes.

In addition, the monitoring programme was also carried out on a dumping area for an industrial waste containing 1.5% of phenol.

The samples were taken on a two-monthly basis by means of a research vessel.

The two monitoring programmes on heavy metals in fish and shrimps were continued. In addition to this, a preliminary study was undertaken on fifteen species along the Belgian coast (Rhizostoma pulmo, Alloteuthis subulata, Macropipus holsatus, Asterias rubens, Engraulis encrasicolus, Clupea harengus, Trisopterus luscus, Ciliata mustela, Mullus surmuletus, Ammodytes lancea, Ammodytes lanceolatus, Eutrigla gurnardus, Trigla lucerna, Platichthys flesus, Limanda limanda).

Finally, a study was carried out on the evolution of mercury in Solea solea in the North Sea and the Irish Sea.

One toxicity test on an industrial pollutant containing gypsum was carried out in accordance with the Oslo Convention.

Canada

(E.G. Bligh)

Fish Culture

Several experiments conducted to study the nutrient requirements of Atlantic salmon grown in seawater have established minimum protein and dietary mineral requirements for Atlantic salmon in seawater. A study is now under way to characterise the genetic differences in the ascorbic acid requirements of various salmonids (brook trout, rainbow trout, lake trout, Atlantic salmon and Arctic char).