

Administrative Report

C o m i t é d e s P o i s s o n s S c o m b r i f o r m e s

1962

Par R. LETACONNOUX



SCOMBRIDES

Angleterre

(D.H. Cushing)

In 1962, 1,800 mackerel caught on "feathers" were tagged off Lands End. Ten recaptures have so far been reported - five came from the Irish Sea, one from Galway and three from the English Channel east of the tagging area.

Weekly samples of the catches landed in Cornwall were sent to the Laboratory for biometrical studies. The good 1955 year-class was still abundant in 1962 and it would appear that the 1961 year-class is also a strong one.

Belgique

(E. Leloup)

Aucune recherche particulière à signaler.

Ecosse

(B.B. Parrish)

Aucune recherche particulière à signaler.

France

(R. Letaconoux)

Une étude morphologique de Scomber colias et Scomber scombrus provenant du Golfe du Lion d'une part, du Rio de Oro et de la Mauritanie d'autre part, est en cours. La composition sérique du sang de ces espèces a été étudiée par la méthode de l'électrophorèse sur papier.

Irlande

(F.A. Gibson)

An investigation of the composition of the mackerel stocks off the south coast of Ireland was initiated in 1962. Biological characteristics of line-caught samples were examined.

Pays-Bas

(K.H. Postuma)

Statistical data of the commercial landings were collected as usual. Market measuring and market sampling was carried on as a routine programme.

A special study was made of the age determination of otoliths of the mackerel.

Suède
(L. Hannerz)

No research work concerning scombriform fishes has been carried out in Sweden during 1962.

THONIDES

Allemagne
(P.F. Meyer-Waarden)

Investigations on the stock composition of North Sea bluefin tuna were continued at the Institut für Küsten- und Binnenfischerei. The length, weight and fishing grounds for 721 tuna were determined, that is for approximately 98% of the total German tuna landings.

The data on the composition of German tuna catches collected since 1951 and amounting to 22,521 records each on the length and weight of individual bluefin tuna have been used to calculate the feeding coefficient for individual fish. It shall be investigated if these data can be used to estimate the degree of trans-Atlantic exchange of the bluefin tuna stock.

The investigations of the fluctuations in the stock of mackerel in the North Sea shall be continued by R. Kändler (Institut für Meereskunde Kiel).

Danemark
(O. Bagge)

In 1962 a report concerning the weekly catches of tuna in Danish waters has been made and forwarded to the working group.

Espagne
(J.M. Navaz)

Institut espagnol d'océanographie

L'étude d'échogrammes obtenues dans des expériences de détection verticale et horizontale de thons dans le Détroit de Gibraltar, s'est poursuivie.

Il en est de même pour la récapitulation des rapports statistiques sur les différentes espèces de thons et sur les observations de leur pêche sur le littoral espagnol.

Institut de recherches des Pêches

On a poursuivi les travaux sur les thons et espèces affines qui s'effectuent dans la région Sud-Atlantique andalouse ayant pour base principale la madrague de Barbate (Cadix), en étudiant d'une façon spéciale la biologie, biométrie et les migrations des thons, en s'occupant en même temps de l'obtention de données de température, salinité, phosphates, transparence et plancton des eaux de cette zone maritime.

Ces travaux furent accompagnés d'expériences de marquage de thons. Furent marqués 51 exemplaires, dont deux ont été recapturés.

Norvège
(J. Hamre)

The weight distribution. 36,915 bluefin tuna landed by Norwegian seiners were examined for weight distribution, in order to determine the relative strength of the year-classes.

Condition factor. Length/weight measurements of 430 tuna were taken for calculating the condition factor of the fish.

Food conditions - hydrographical observations. Observations concerning the food organisms and the hydrographical conditions on the main tuna fishing localities have been carried out during the tuna season.

Tagging experiments. Thirteen tuna were tagged and released in Norwegian waters. In 1962 three Norwegian tagged tuna have been reported.

Portugal
(H. Vilela)

Des observations de routine ont été faites sur la biologie et la pêche du thon rouge, Thunnus thynnus :

a) taille, poids, sexe d'individus capturés dans les madragues de la côte sud du pays ;

b) la récolte des mêmes éléments aux îles des Açores concernant le Patudo, Parathunnus obesus, pêchés à l'appât vivant, a commencé ;

c) les opérations de marquage des petits thons, prévues pour la côte ouest, au large de Sesimbra, n'ont pas été effectuées parce que ces thons y ont été absents.

USSR
(V.A. Borodatov)

Investigations on mackerel, tuna and sardine were conducted by three Research Institutes (All-Union Research Institute of Marine Fisheries and Oceanography; Azov-Chernomorsk Research Institute of Marine Fisheries and Oceanography, and Atlantic Research Institute of Marine Fisheries and Oceanography) in the eastern part of the Atlantic in 1962.

Eight expeditions were carried out in 1962: six on board research vessels and two on board commercial ships. Migrations, distribution and behaviour of mackerel, sardine and tuna as well as conditions of the formation of their commercial concentrations were studied during these expeditions. Materials on fish biology, phyto- and zooplankton, hydrochemistry and hydrology were collected. Research work was carried out on the development of fishing gears and observations were made on the reaction of fish to electric light.

According to the programme of research works for 1963 nine expeditions are to be made. The main object of these expeditions is the study of biology, distribution, migrations and behaviour of mackerel, sardine and tuna in waters of the eastern Atlantic.

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