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ANNUAL MEETING - JUNE 1968

Scottish Research Program for Greenland Investigations, 1968

by

DAFS, Pitlochry and Aberdeen

(a) Investigations in Home Waters

- W.R.Munro
A.B.Shackley
W.H.Shearer
G.Struthers
(Pitlochry)
1. Smolts will again be tagged in some of the major east coast river systems during the spring migration. The river systems represented will be the Tay (probably at two sites), the North Esk, the Aberdeenshire Dee and the Conon. In addition, a smaller number (approximately 5000) of smolts reared at Inversarry hatchery (Inverness-shire) will be tagged and released in the lower reaches of the North Esk.
- W.R.Munro
W.H.Shearer
I.J.R.Hynd
(Pitlochry)
2. Observations will be continued through the netting season on the commercial catches of the River North Esk and sampling of the commercial catch, on a less intensive basis, will be extended this season to two other major salmon rivers on the east coast, the Tweed and the Tay. A number of netmen on the east coast have agreed to provide daily records of their catches and fishing effort. These additional details should improve the catch-per-unit effort data significantly.
- J.W.Smith
(Aberdeen)
3. Further observations will be made on the parasite fauna of salmon smolts and of adult fish. Smolts will be sampled from five river systems on the east coast (the Tweed, Tay, North Esk, Aberdeenshire Dee and Conon) and one (the Polly) on the west coast. Samples of smolts from these rivers will also be sent to Canada. Samples of adult salmon will be examined from the Rivers Tay, Tweed, North Esk and the Conon.
- N.P.Wilkins
G.I.Sangster
(Aberdeen)
4. The investigations of the blood and other biochemical characters (e.g., liver esterases) of Scottish salmon will be continued using samples of smolts (from the Tweed, North Esk, Dee and Conon) and adult fish (from the Tweed, North Esk and Dee).

(b) Investigations in Greenland

- W.R.Munro
(Pitlochry)
1. Investigators from the Marine Laboratory, Aberdeen and the Freshwater Fisheries Laboratory, Pitlochry will again collaborate with Danish investigators and with investigators from the Salmon and Freshwater Fisheries Laboratory of the Ministry of Agriculture, Fisheries and Food, London in studies of the inshore and offshore salmon fisheries on the west coast of Greenland. Collaboration with investigators from the laboratory of the Fisheries Research Board of Canada at St. John's, Newfoundland, is also being arranged.
- W.R.Munro
(Pitlochry)
2. The inshore tagging programme will be resumed, on a collaborative basis, but only fish caught in Northumberland T-nets will be tagged this year. It is hoped that it will be possible to begin netting in late August or early September and netting operations will be continued as long as necessary or as practicable. It is hoped that it will be possible to locate more suitable sites for T-net fishing, perhaps well to the south of Godthab. Gill nets will be used, but only to check the efficiency of the T-nets and to provide material for the investigations mentioned in 4 and 5 below.
- G.Struthers
and/or
A.F.Walker
(Pitlochry)
3. Plans for placing observers on the commercial vessels taking part in the offshore fishery are not yet definite and, in particular, it is not yet certain how many vessels will be able to accommodate observers. If necessary, however, one or two members of the Scottish freshwater staff would be available to join staff from Canada and from M.A.F.F., London, in detailed observations on the catches, catching rates, catch composition and other characteristics of the offshore fishery.
- J.W.Smith
(Aberdeen)
4. Further observations will be made on the parasite fauna of salmon caught in Greenland waters. Limited observations will also be made on the parasite fauna of certain other fish species and invertebrates, mainly those which may have parasites in common with salmon and/or compose the food of salmon.

- H.F. Wilkins
C.I. Sangster
(Aberdeen)
5. Investigations of the biochemical characteristics of blood and other tissues of salmon caught in Greenland waters will also be continued.
 6. At the date of drafting, this programme for work in Greenland is tentative in several respects. Final details will be settled in collaboration with the Danish investigators and co-ordinated with other proposals for investigations in Greenland this autumn.