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CANADIAN FIELD RESEARCH STUDIES FOR 1986
IN THE NORTHEAST PACIFIC

by

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Canadian field research studies for 1986 in the northeast Pacific

Field research was directed primarily at projects involving rockfishes, sablefish, Pacific hake, lingcod, Pacific cod, and dogfish. Field studies were continued to examine the impact of groundfish species on the abundance of herring in the Vancouver area. Species assemblage surveys of groundfish were also continued in Hecate Strait in the Charlotte area.

(a) Rockfishes

Trawl surveys were conducted to monitor biological characteristics of offshore rockfish stocks in the Vancouver area. Hook and line and SCUBA surveys of nearshore reef assemblages of nearshore rockfish were continued in the Vancouver area (Strait of Georgia).

(b) Sablefish

On-board monitoring of commercial catches and collection of biological samples were continued. The larval survey to investigate factors controlling year-class strength of sablefish was continued in the Vancouver area. Tagging of juveniles was also continued in the Vancouver and Charlotte areas.

(c) Pacific hake

Trawl surveys were conducted to monitor the offshore Pacific hake stock in the Vancouver area.

(d) Lingcod

The hook and line survey of lingcod relative abundance in the Vancouver area (Strait of Georgia) was continued.

(e) Pacific cod

Tagging of juveniles to validate ageing techniques was conducted in the Charlotte area.

(f) Dogfish

A triennial longline survey of dogfish relative abundance in the Vancouver area (Strait of Georgia) was initiated.