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CANADIAN FIELD RESEARCH STUDIES FOR 1987
IN THE NORTHEAST PACIFIC

by

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Canadian field research studies for 1987 in the northeast Pacific

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

(a) Rockfishes

On board monitoring of commercial catches and collection of parasite samples for stock identification of Pacific ocean perch were conducted in the Charlotte-Vancouver Region. Hook and line surveys of inshore 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 (La Pérouse Bank project).

(c) Pacific hake

Trawl surveys were conducted to monitor the offshore Pacific hake stock in the Vancouver Area (La Pérouse Bank project).

(d) Lingcod

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

(e) Pacific cod, English sole

Ovaries were collected in the Charlotte Area for fecundity estimation and histological studies.

(f) Dogfish

Tagging was continued in the Vancouver Area for stock delineation studies.