

Game fisheries are the responsibility of the Department of Industry and Natural Resources. The streams of the province, mostly spring-fed and fairly constant in flow, provide very favourable conditions for the reproduction of game fish, of which speckled trout is the most important variety. Investigations concerning the production of trout of a size attractive to anglers are being conducted by the Fisheries Research Board of Canada at sites provided by the provincial Department. Unfortunately many of the formerly fertile and highly productive ponds of the province have disappeared, and the provincial Department is actively concerned with damming and restoring these for the enjoyment of the public.

Nova Scotia.—Although both the marine and inland fisheries of Nova Scotia are completely under the control of the Federal Government, the Nova Scotia Government recognizes that several fields exist in which provincial initiative is necessary and appropriate, having regard for the importance of the fishery resources in terms of employment, industry, trade and recreation.

Provincial interests in the commercial fisheries are the concern of the Fisheries Division of the Department of Trade and Industry. The Fishermen's Loan Board and the Industrial Loan Board are administered within this Department; the first makes loans to fishermen for the purchase of new and improved boats and engines, and the second makes loans for the construction or improvement of fish processing plants. Technical advice is provided to applicants for loans and inspection and survey services are available to the Loan Boards. The engineering staff gives similar services to others in the fish industry who may not require financial assistance, and to dependent or collateral businesses such as the boat-building industry. A staff of instructors conduct training courses in the care and maintenance of marine engines, in basic navigation, and in the design, construction and maintenance of nets and other fishing gear. This program receives substantial assistance from the Vocational Training Branch of the federal Department of Labour. The actual on-course instruction is supplemented frequently by assistance to individuals or small groups coping with particular problems and by actual demonstration or loans of untried types or designs of fishing gear.

The Fisheries Division administers, in co-operation with the federal Departments of Fisheries and National Health and Welfare, the Nova Scotia Fisheries Act, which requires fish processors and wholesale buyers of fish from fishermen to obtain licences. The purpose of the Act is to improve the standards of sanitation, plant construction and operation in the local fish industry and trade. The Division also performs a variety of liaison services between individuals or local groups and the several departments of the provincial and federal governments to which any problem or proposal may have to be referred.

The provincial activities in connection with the inland fisheries are related almost wholly to salmon and trout. The Department of Lands and Forests is managing a project for the rearing in captivity of young salmon to the smolt stage, i.e., to the age when they are about ready to leave the rivers to grow to full maturity in salt water and are likely to have a higher survival rate than the younger fish usually distributed by hatcheries. Other work in these fields is carried on by the Nova Scotia Research Foundation, which has collaborated with the Fisheries Research Board of Canada in a program of research into the Atlantic salmon populations by providing some scientific personnel and by conducting certain investigations on the La Have and Margaree Rivers. Experiments in the fertilization of lakes have been undertaken to increase trout productivity and in partial poisoning to reduce the numbers of coarse fish competing with trout for the available food supply. Fundamental investigations into the fish-supporting capacities of lakes are currently active and include studies of the source and regeneration of such nutrients as phosphorous and nitrogen.

New Brunswick.—The commercial fisheries of New Brunswick, both tidal and inland, are under the jurisdiction of the federal Department of Fisheries; angling is also under the same jurisdiction but angling licences are being issued by the provincial Department of Lands and Mines. To supplement the activities of the federal Department of Fisheries,