



COMMERCIAL FISHERIES REVIEW



A review of developments and news of the fishery industries
prepared in the BUREAU OF COMMERCIAL FISHERIES.

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Mailed free to members of the fishery and allied industries. Address correspondence and requests to the: Chief, Branch of Market News, Bureau of Commercial Fisheries, U. S. Department of the Interior, Washington 25, D. C.

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Use of funds for printing this publication has been approved by the Director of the Bureau of the Budget, May 10, 1960.

5/31/63

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COVER: The first--and oldest--Woods Hole marine research laboratory has been replaced by a modern three-story brick and glass building. It has ichthyological, biological, physiological, microbiological, shellfishery, chemical, and electronic laboratories, as well as a large number of tanks and tables supplied with tempered sea water, drafting shop rooms equipped for mathematical computations, library, conference hall, and offices. A vital part of the new laboratory will be the aquarium, with auxiliary facilities and shops, which is now under construction. This is one of several biological laboratories of the U. S. Bureau of Commercial Fisheries.

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TECHNIQUE FOR MASS-MARKING FISH BY MEANS OF COMPRESSED AIR

A promising new method for mass-marking fish has been developed. It obviates time-consuming individual handling. A luminous polystyrene ("Derbylite") is applied with sandblast and paint spray guns (using a pressure of 80 to 100 p.s.i.) to fish held in dip nets. The fluorescent fish are detectable under a vapor lamp. The lasting quality of the polystyrene is unknown, but according to the author all indications are that it is permanent. (A Technique for Mass-Marking by Means of Compressed Air, by C. F. Jackson, Technical Circular No. 17, New Hampshire Fish and Game Dept.)

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