

INSTITUTE FOR FISHERIES RESEARCH
UNIVERSITY MUSEUMS
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Report No. 42

REPORT BY W. H. KRULL ON CONDITION OF SMALL BROOK TROUT USED IN
HOOKING EXPERIMENTS AT STATE FISH HATCHERY, HARRIETTA, MICHIGAN.

Fish received and examined on November 20, 1930.

Results of examination as follows:

Fish "caught with fly".

Length of fish	Findings
5 1/2"	Left premaxillary mostly naked-not healed-possibly a slight infection.
5 1/2"	Wound scar visible in membrane of lower jaw.
6"	No mark of any kind.
6"	Wound scar at angle of jaw left side. (Right premaxillary almost completely severed from the head-wound fresh-apparently done in labeling).

Fish "caught with Barb Hook".

Length of fish	Findings
5 1/2"	No mark of any kind.
5 3/4"	Wound scar visible in upper jaw.
5 1/2"	Left nostril abnormal-possibly a hook mark since there is a soft spot in the bony region on the inside of the mouth opposite the nostril.
6"	Scar and slight abnormality in right upper jaw.

Fish "caught with Barb off Hook".

Length of fish	Findings
6 1/2"	No marks

Length of fish

Findings

5 3/4 "

No marks.

5 1/2 "

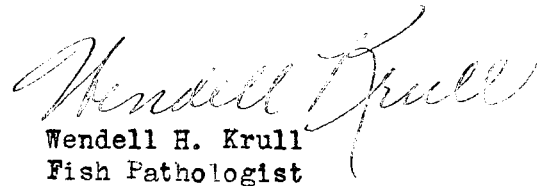
Left premaxillary torn from head except at anterior end. Wound healed.

5 3/4 "

Normal.

Conclusion.—Fish in splendid condition. Possibilities of further infection as a result of hooking removed except in one fish. Number of fish not large enough to warrant a comparison of degree of injury by methods of catching.

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