

trapped in the tide pools of Cape Arago, Oreg. It was suspected they were spawning near shore (Jopson, 1958).

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### UNUSUAL OCCURRENCE OF AN EASTERN BANDED KILLIFISH IN THE LOWER COLUMBIA RIVER

The recorded geographic range for the eastern banded killifish, *Fundulus diaphanus diaphanus*, is in the waters of the Atlantic coastal states from South Carolina north to Newfoundland. They occur in lakes, quiet rivers, and Atlantic coast estuaries (Hubbs and Lagler, 1958).

On 19 August 1971, an eastern banded killifish was collected by the National Marine Fisheries

Service on the Oregon side of the Columbia River about 75 km upstream from Astoria. The fish, shown in Figure 1, was taken in shallow water with a 100-m long beach seine. River temperature

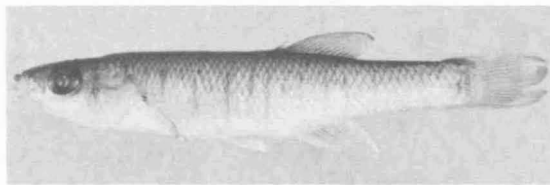


FIGURE 1.—Eastern banded killifish, *Fundulus diaphanus diaphanus*, captured in the lower Columbia River.

on the date of capture was 19°C. The specimen was 59 mm in standard length, and coloration was similar to that described by Trautman (1957) for the species, olivaceous on the dorsal surface with a light yellow ventral surface. This specimen also possessed an iridescent blue-green stripe horizontally along each side, which faded rapidly after capture. It is now in the collection of the National Marine Fisheries Service Biological Field Station at Hammond, Oreg. Additional specimens have not been taken in the area, and the authors conclude that the presence of the fish was probably due to an unauthorized release.

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