

# Species at Risk: Banded Killifish and American Eel - 2022

Aboriginal Fund for Species at Risk (AFSAR)  
Environment and Natural Resources, Qalipu First Nation

## American Eel

Listed as threatened by COSEWIC. Research efforts from this year determined the average size of American eels from Muddy Hole, Flat Bay, NL to be 52.5 cm and 264 g, based on a sample size of 200 adult eels. Elver populations this year were two times higher than in 2021 and glass eel was seven times higher, based on catch per unit effort (CPUE). All data provided to DFO to be considered in management decisions regarding eel fisheries.



Micromesh Fyke Net, elver/glass eel sampling



Adult American Eel



Elver and Glass Eel

## Banded Killifish

Listed as special concern by SARA. Research efforts this year found a lack of killifish in locations where they were previously present. Reason unknown, but does not indicate absence of the species. 1 collected in York Harbour, NL and 14 in St. Georges Estuary where they were previously present.



Banded Killifish (average 5.6 cm, QERN 2021)

Minnnow traps baited with Ritz crackers used to sample Banded Killifish

