

# **Abundance and Run Timing of Adult Pacific Salmon in the East Fork Andreafsky River, Yukon Delta National Wildlife Refuge, Alaska, 2008**

## **Abstract**

A resistance board weir was used to collect abundance, run timing, and biological data from salmon returning to the East Fork Andreafsky River, a tributary to the lower Yukon River, between June 21 and July 30, 2008. An estimated 4,242 Chinook salmon *Oncorhynchus tshawytscha* migrated through the weir. Six age groups were identified from 536 Chinook salmon sampled, with age 1.3 (74%) dominating. The sex composition was 37% female. An estimated 57,259 summer chum salmon *O. keta* migrated through the weir. Three age groups were identified from 887 summer chum salmon sampled, with age 0.4 (81%) dominating. The sex composition was 46% female. An estimated 189,908 pink salmon *O. gorbuscha*, 272 sockeye salmon *O. nerka*, and two coho salmon *O. kisutch* were counted through the weir. Other species counted through the weir during 2008 included 1,426 whitefish (Coregoninae), four Arctic grayling *Thymallus arcticus*, and 41 northern pike *Esox lucius*.