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Chinook salmon swimming in the Rogue River, Oregon. Genome sequencing and analysis of tribal fishery catch in the Klamath River, California, show that salmon ecotypes in diverse populations result from a simple Mendelian polymorphism that affects seasonality of spawning migration. Physiological and reproductive differences thought to distinguish ecotypes appear as a result of environmental effects from summer residence in different ecosystems. See pages 526 and 609. Photo: Mark Conlin/Alamy Stock Photo

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