Abstract

Since 1999, DWR has conducted juvenile monitoring snorkel surveys annually on the Feather River. Crews survey units within 20 sampling sections on the high flow and low flow channel in May through August each year and collect information on species, fish size, substrate, cover, and habitat type. Snorkel data is collected to determine the relative abundance and distribution of rearing juvenile Chinook salmon and steelhead. A secondary objective of this data is to collect baseline data for future monitoring programs associated with habitat restoration projects. The Voluntary Agreement project plans to utilize this long period of record of data to identify habitat conditions (depth, substrate, velocity, and cover) where juvenile Chinook salmon and steelhead occur and analyze how these conditions have changed throughout time.