The California Department of Water Resources (DWR), conducted a one-year study of microhabitat and mesohabitat in Feather River. The goal of this study was to identify relationships between habitat conditions (depth, substrate, velocity, and cover) and where juvenile Chinook salmon and steelhead occur. Snorkel surveys were conducted monthly March through August in 2001across 24 different sites, which were selected at random (12 in Low Flow Channel, and 12 in High Flow Channel). Each sampling section covered 25 meter long by 4 meter wide, running parallel to riverbank.