Survey Locations

* 20 sampling sites along the Feather River (12 in the Low Flow Channel and 8 in the High Flow Channel).
* Three to six divers are distributed along three transects: left side of river, right side of river, center of river.
* The center transect is typically conducted in the downstream direction due to strong currents, while the other transects along the riverbanks are conducted in the upstream direction.
* Divers use plastic slates to mark observations of fish. Groups of similar sized fish that are observed in a 1 m2 or smaller area are treated as a single observation. Effort at each site is recorded in terms of time sampled, area covered, and number of divers.

Monitoring Schedule

* Typically conducted each year between May and August.

Fish Measurements

* Fish run: The accuracy of size estimates is enhanced by comparing observed fish to nearby objects. These objects are then measured using the scale mounted on plastic writing slates.
* Fork length: Fish identification and size estimation are calibrated by training divers with tethered fishing lures in a controlled setting.

Fish Counts

* Groups of similar sized fish that were observed in a 1 m2 or less area were treated as a single observation.