Spatial and Temporal Distribution Patterns of Pacific and River Lamprey in the Sacramento and San Joaquin Rivers and Delta

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Introduction / Methods

Relatively little information is published concerning basic life history attributes of Pacific (L. oregoni) and River (L. ayresi) lamprey populations. Studies utilizing both field and laboratory techniques have been conducted in the Pacific Northwest, involving Pacific lamprey populations, to assess the spatial-temporal patterns of lamprey movement and abundance. A variety of government agencies have long-term fish assemblage data compiled for this poster are listed with each graph.

Results

The majority of adult (>300mm total length) PL in Suisun Bay were captured between April and July. The majority of adult RL data are sparse. The majority of adult RL have been documented from March through June of 2001. Adults have been captured in the Yuba River from January to November. Few RL have been documented from February - June on the mainstem of the San Joaquin River and within the Mokelumne River. Few species have been documented from February - June on the Feather River. Adult PL have been documented from March through May.

Discussion / Recommendations

Few lamprey migration patterns are similar to patterns reported for these species from drainages in Washington and Oregon (Moyle 2002). The patterns reported for these species from drainages in Washington and Oregon (Moyle 2002). The patterns reported for these species from drainages in Washington and Oregon (Moyle 2002). The patterns reported for these species from drainages in Washington and Oregon (Moyle 2002). The patterns reported for these species from drainages in Washington and Oregon (Moyle 2002). The patterns reported for these species from drainages in Washington and Oregon (Moyle 2002).