

Electronic Supplementary Material 2 (Figures S1-S5) for

Community Patterns and Environmental Associations for the Early Life Stages of Fishes in a Highly Transformed Estuary

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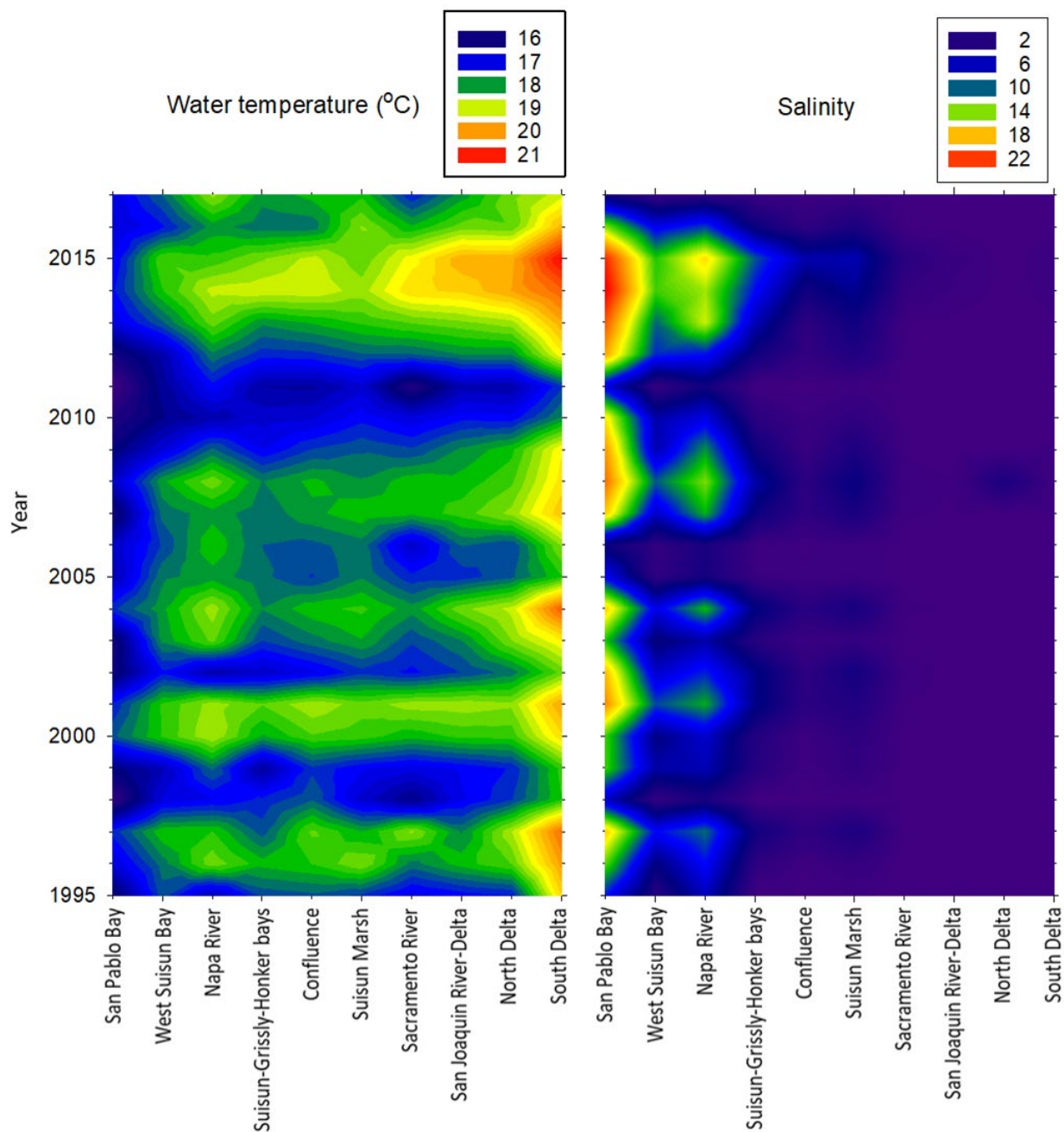


Fig. S1 Surface water temperature and salinity in the Upper San Francisco Estuary with each panel denoting the 10 studied areas from downstream (left) to upstream (right) (Fig. 1) during 1995 to 2017

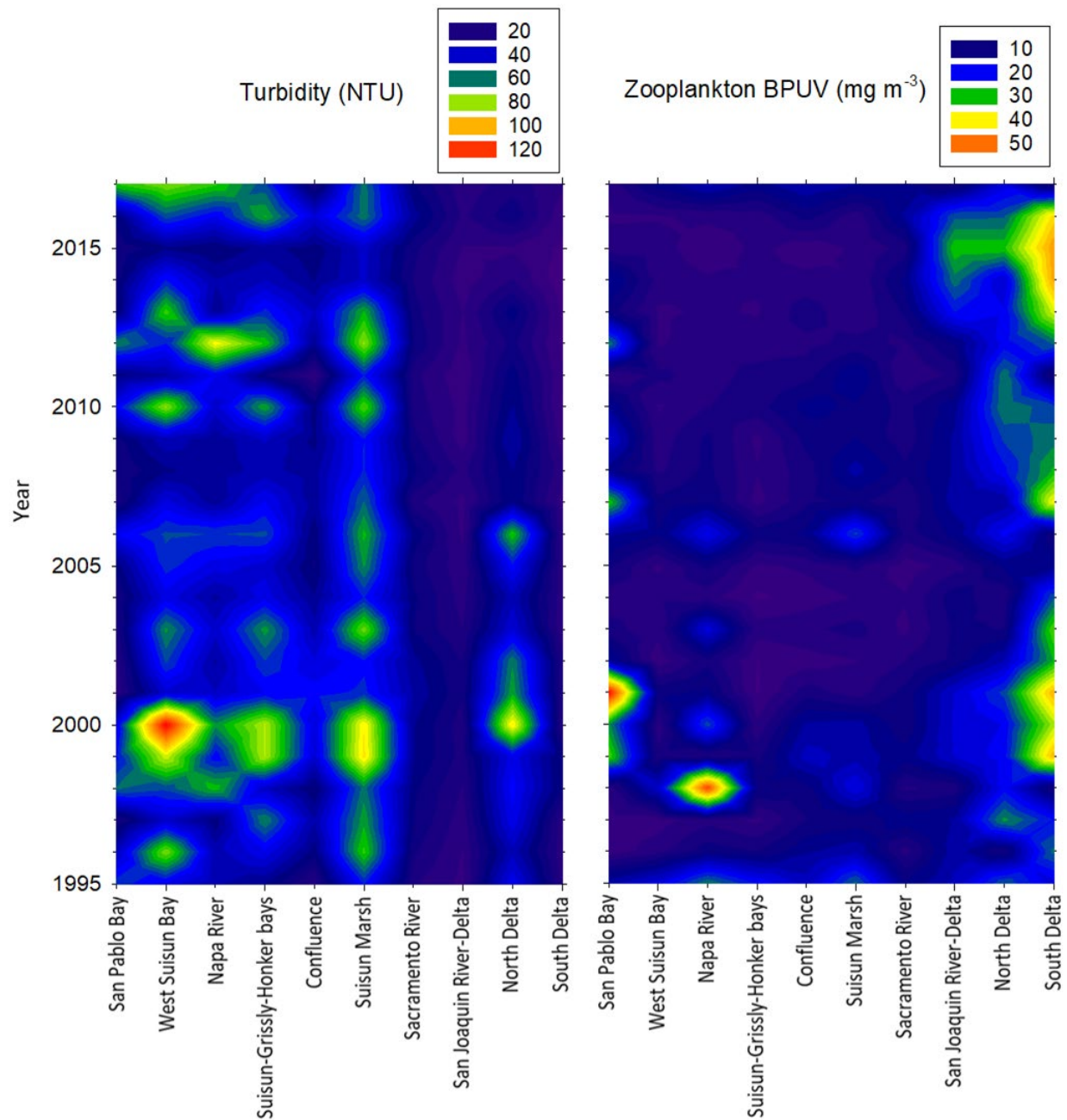


Fig. S2 Turbidity and zooplankton biomass per unit volume (BPUV) in the Upper San Francisco Estuary. Each panel denotes the 10 studied areas from downstream (left) to upstream (right) (Fig. 1) during 1995 to 2017

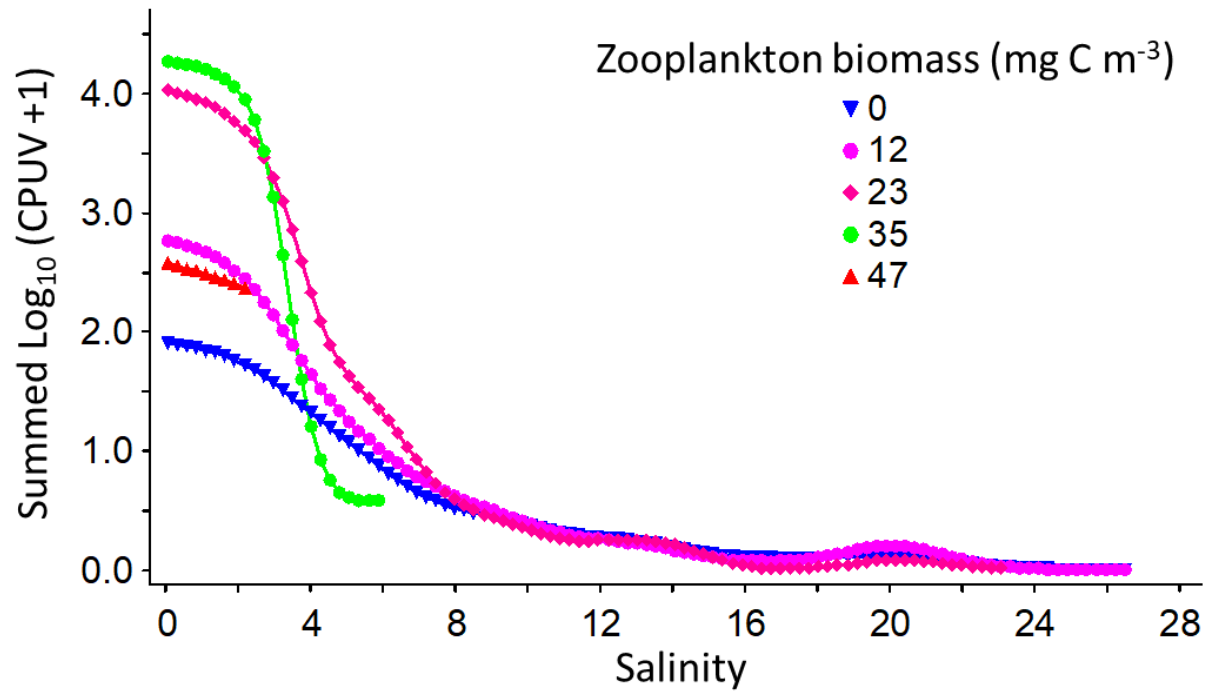


Fig. S3 Relative abundance, summed log-transformed ($n \text{ per } 10^4 \text{ m}^3 + 1$) for the introduced pelagic fish group as a function of salinity at different levels of zooplankton biomass in the Upper San Francisco Estuary. Based on selected habitat models (Table 3)

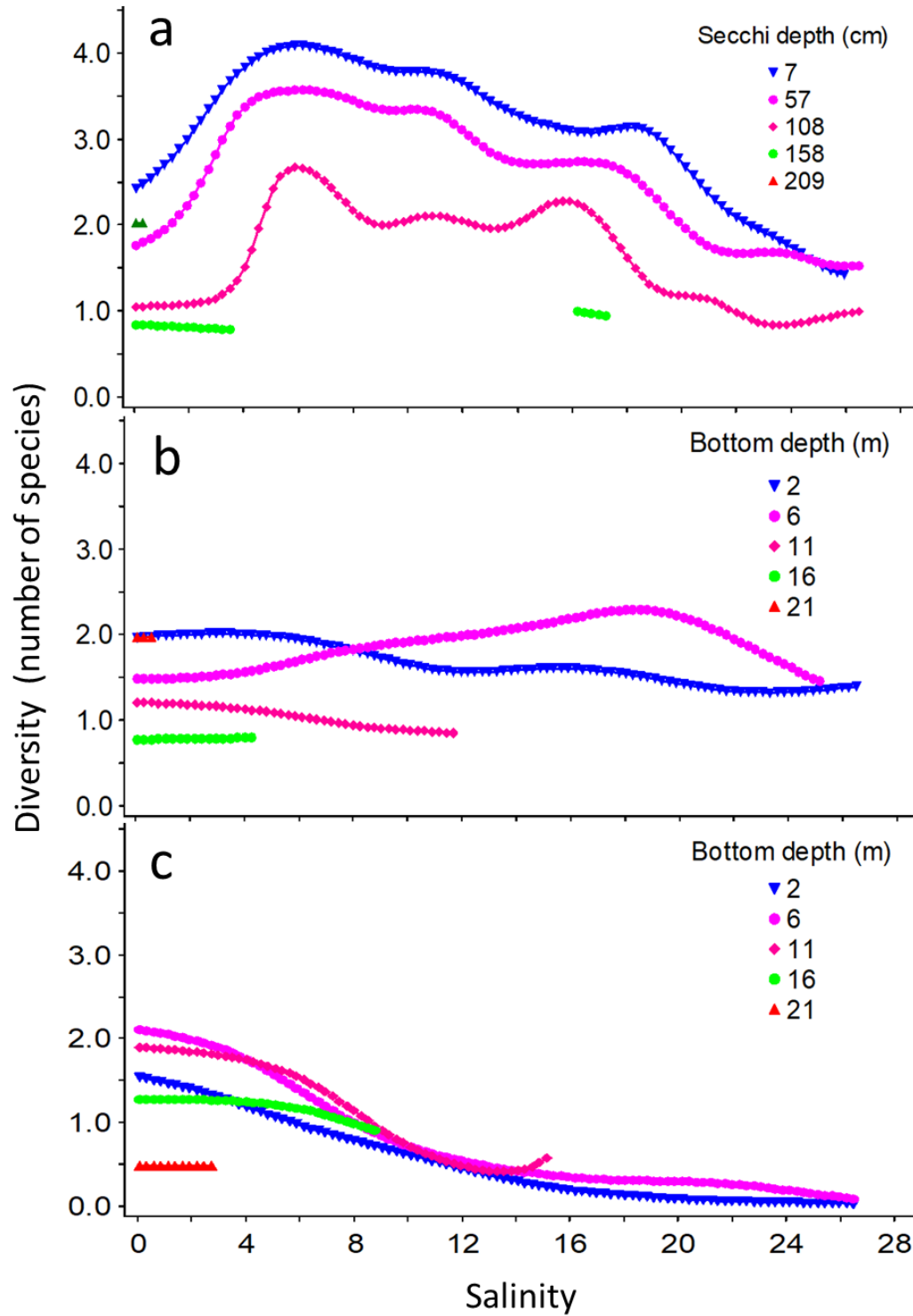


Fig. S4 Diversity for native pelagic (a), native demersal (b) and introduced pelagic fish groups (c) as a function of salinity at several levels of Secchi depth or bottom depth in the Upper San Francisco Estuary. Based on selected habitat models (Table 3)

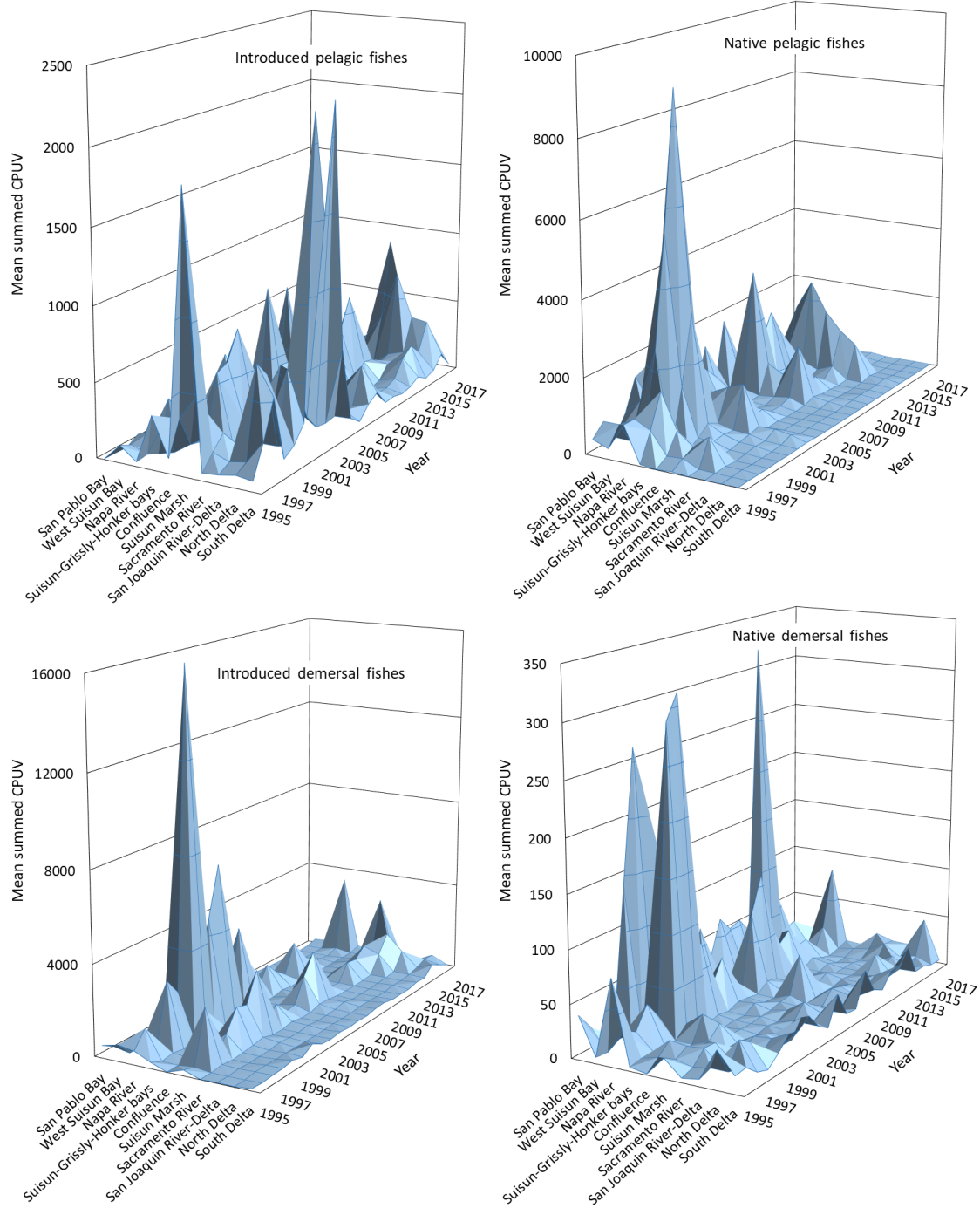


Fig. S5 Relative abundance, mean summed CPUV ($n \text{ per } 10^4 \text{ m}^3$) for four fish groups across 10 areas from downstream (left) to upstream (right) in the upper San Francisco Estuary (Fig. 1) during 1995 to 2017