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TITLE: Accelerating Invasion Rate in a Highly Invaded Estuary

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ABSTRACT:

Biological invasions are a major global environmental and economic problem. Analysis of the San Francisco Bay and Delta ecosystem revealed a large number of exotic species that dominate many habitats in terms of number of species, number of individuals and biomass, and a high and accelerating rate of invasion. These factors suggest that this may be the most invaded estuary in the world. Possible causes include a large number and variety of transport vectors, a depauperate native biota, and extensive natural and anthropogenic disturbance.

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CONCEPTS: ['Estuary', 'Biota', 'Introduced species', 'Habitat', 'Ecology', 'Ecosystem', 'Bay', 'Invasive species', 'Biomass (ecology)', 'Disturbance (geology)', 'Environmental science', 'Biology', 'Geography', 'Oceanography', 'Geology', 'Paleontology']