Faunas of Humboldt Bay Salt Marshes

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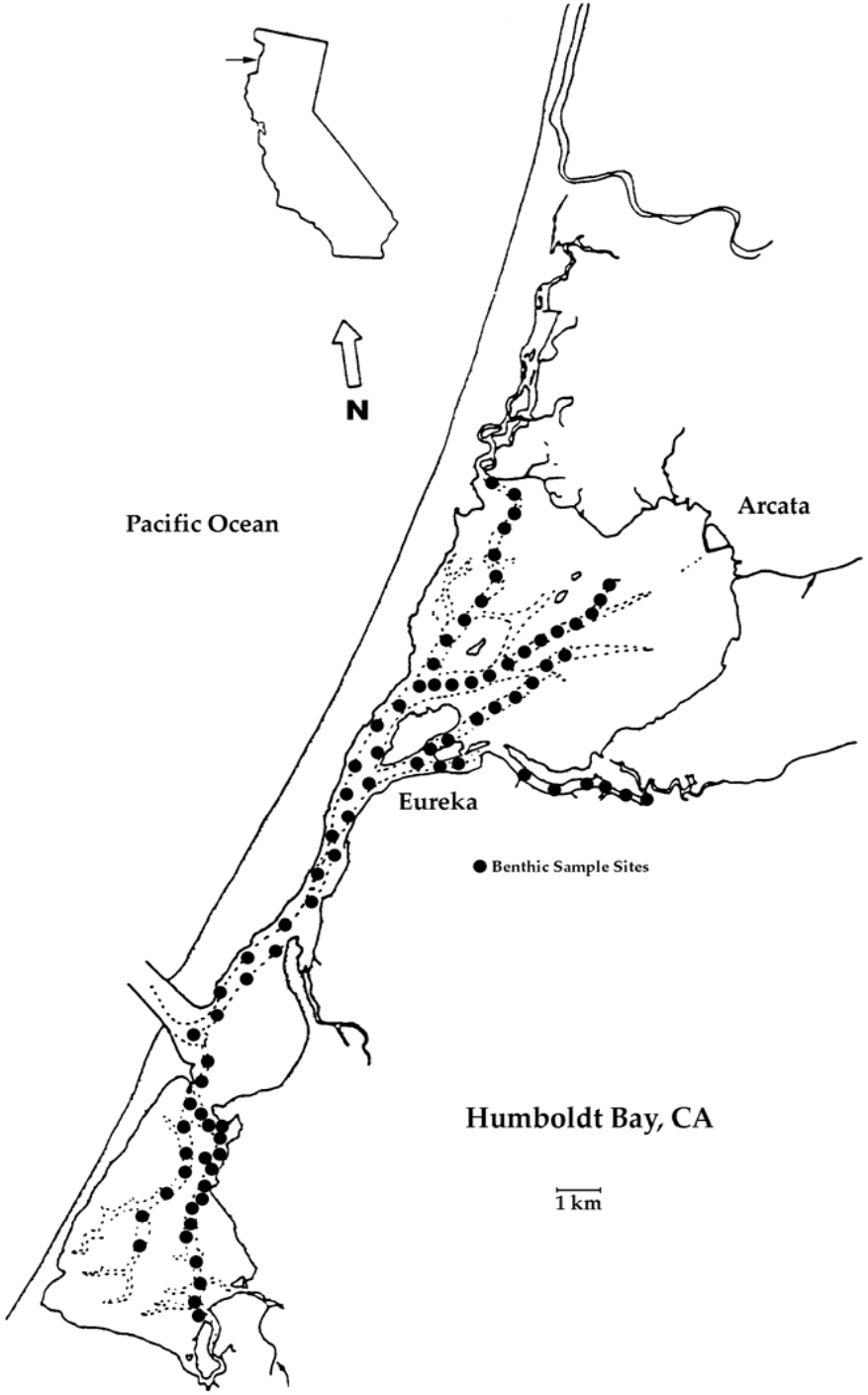
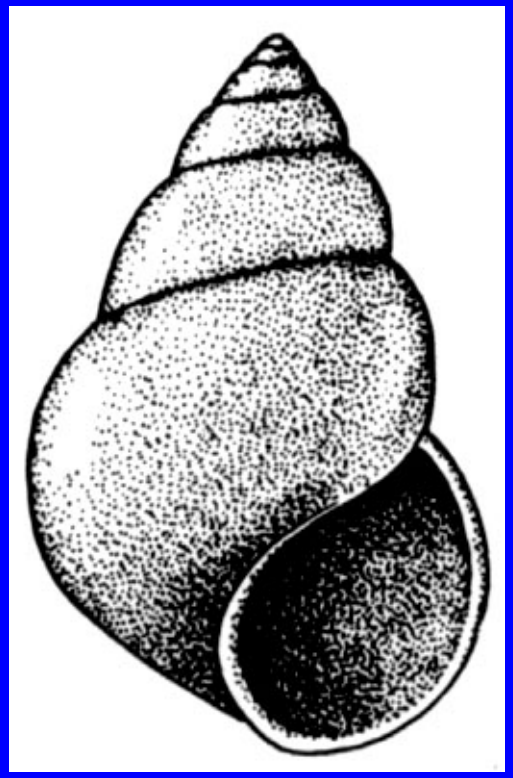
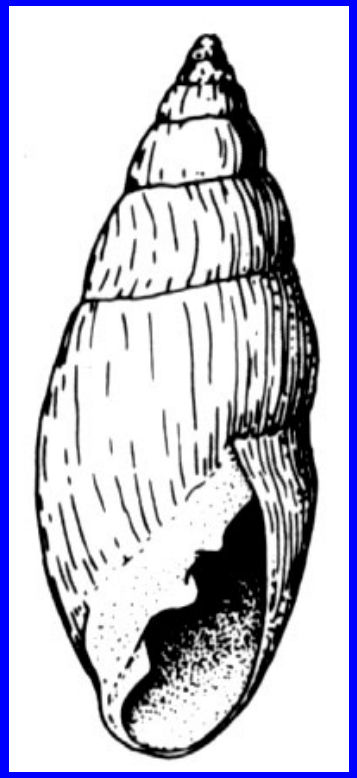

N
Pacific Ocean
Arcata
Eureka
Benthic Sample Sites
Humboldt Bay, CA
1 km

Invertebrates of Humboldt Bay Salt Marshes - Gastropods

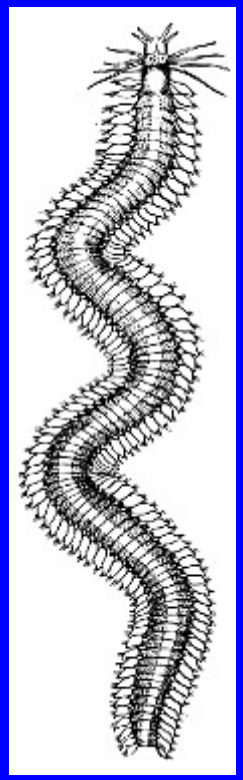


Assiminea californica

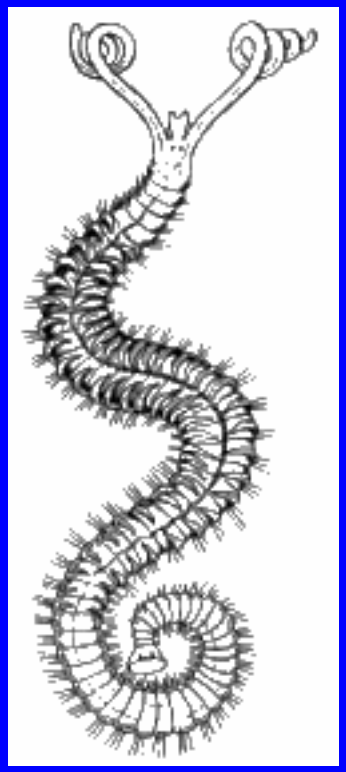


Ovatella myosotis

Invertebrates of Humboldt Bay Salt Marshes - Polychaetes

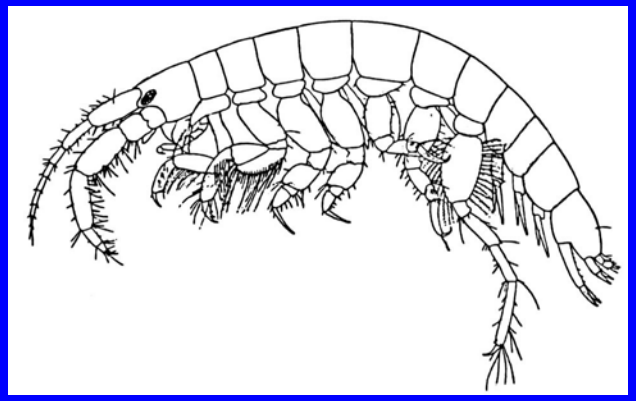


Phyllodocid



Spionid

Invertebrates of Humboldt Bay Salt Marshes - Crustaceans



Corophium sp.

Gnorimosphaeroma sp.

Invertebrates of Humboldt Bay Salt Marshes - Crustaceans

Hemigrapsus oregonensis

Faunas of Humboldt Bay Salt Marshes - Fish

Three species groups comprise 90% of salt marsh fish

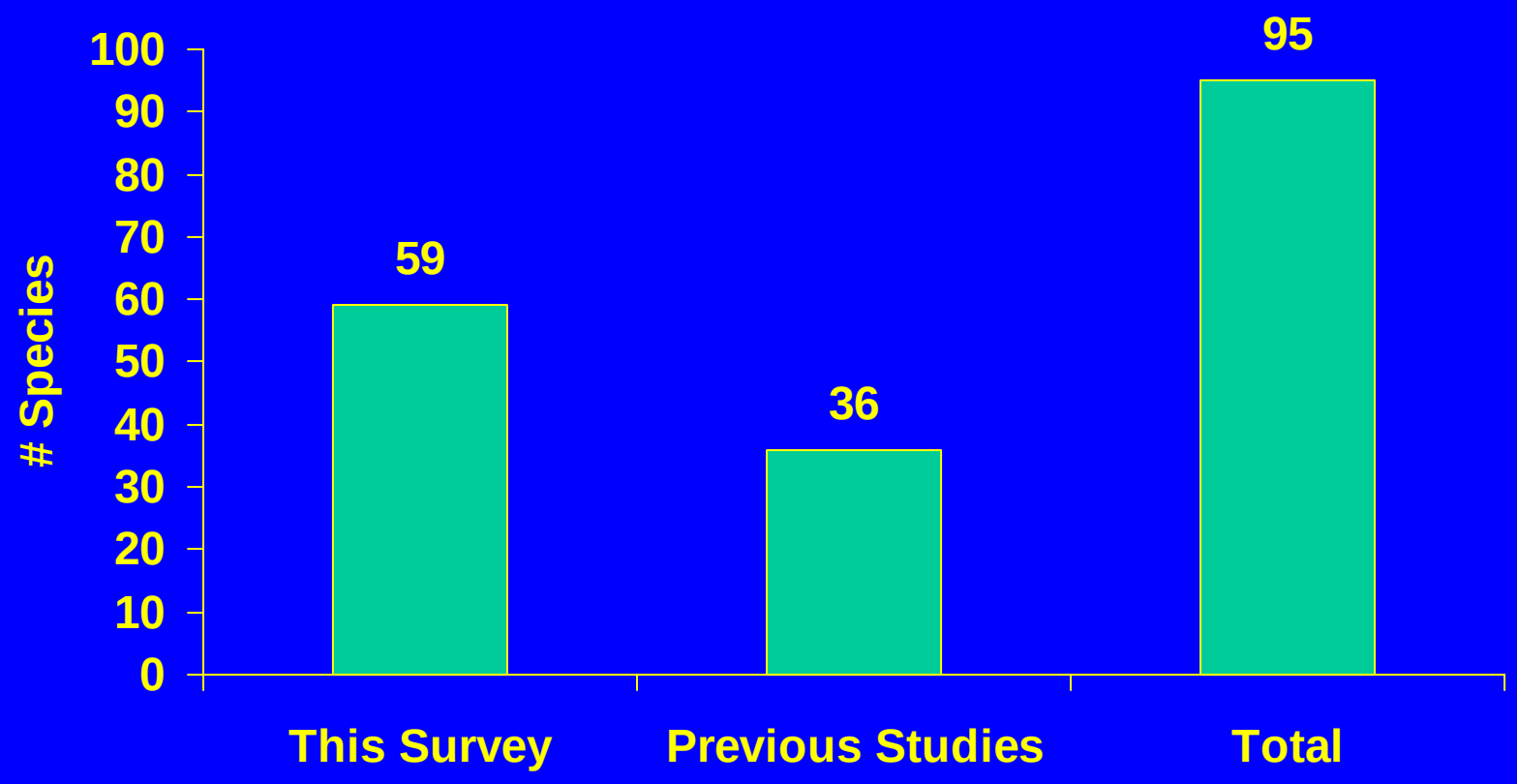
- Three spine sticklebacks
- Gobies
- Sculpins

HUMBOLDT BAY SALT MARSH VEGETATION

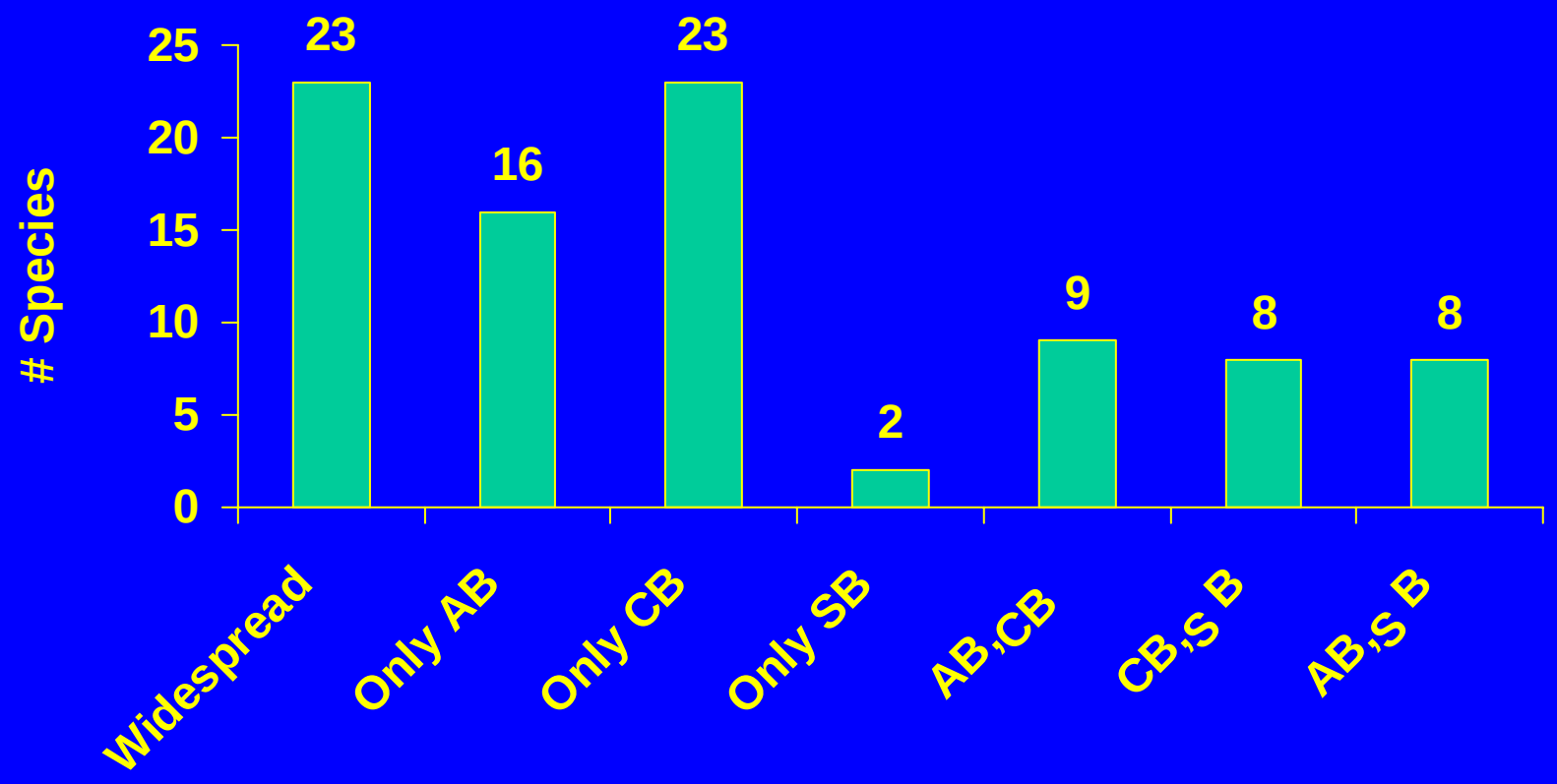
NET PRIMARY PRODUCTIVITY

Plant Species	Net 1° production (g m-2 yr-1)	Location
Spartina foliosa "Pacific Cordgrass"		
	800	San Diego Bay, CA
	1800	San Francisco Bay, CA
Spartina densiflora "Humboldt Bay Cordgrass"	2348	Humboldt Bay, CA
	724	HB (drought year)
Salicornia virginica "Pickleweed"	1500-2500	San Diego Bay,CA
	690-2270	Morro Bay, CA
	1000-1200	San Francisco Bay, CA
	870	Humboldt Bay, CA
	278	Gray's Harbor,WA
Distichlis spicata "Salt grass"	990	San Francisco Bay, CA
	490	Humboldt Bay, CA
	486	Gray's Harbor, WA

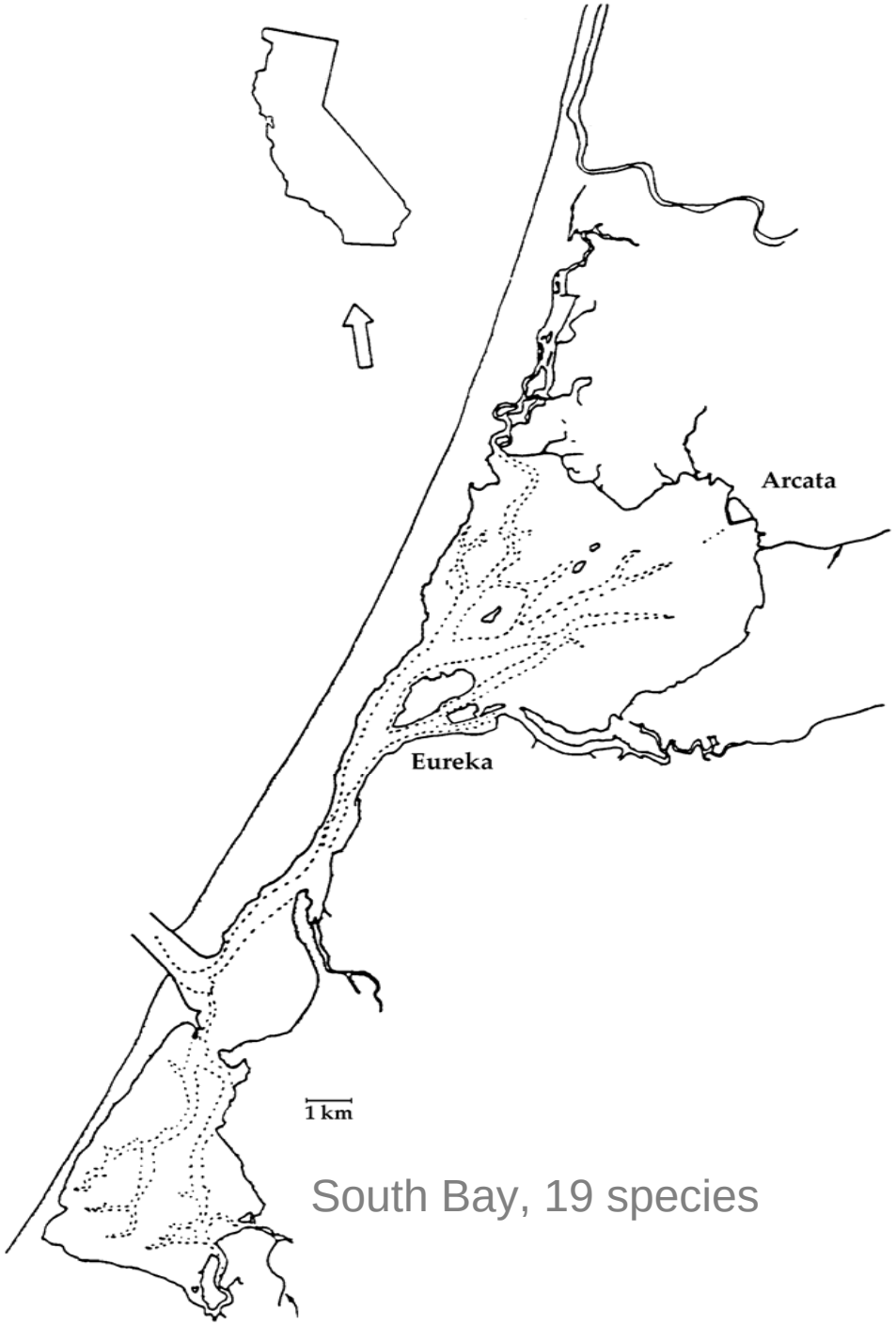
Introduced Species in Humboldt Bay, California 2002



Location and Occurrence of Species

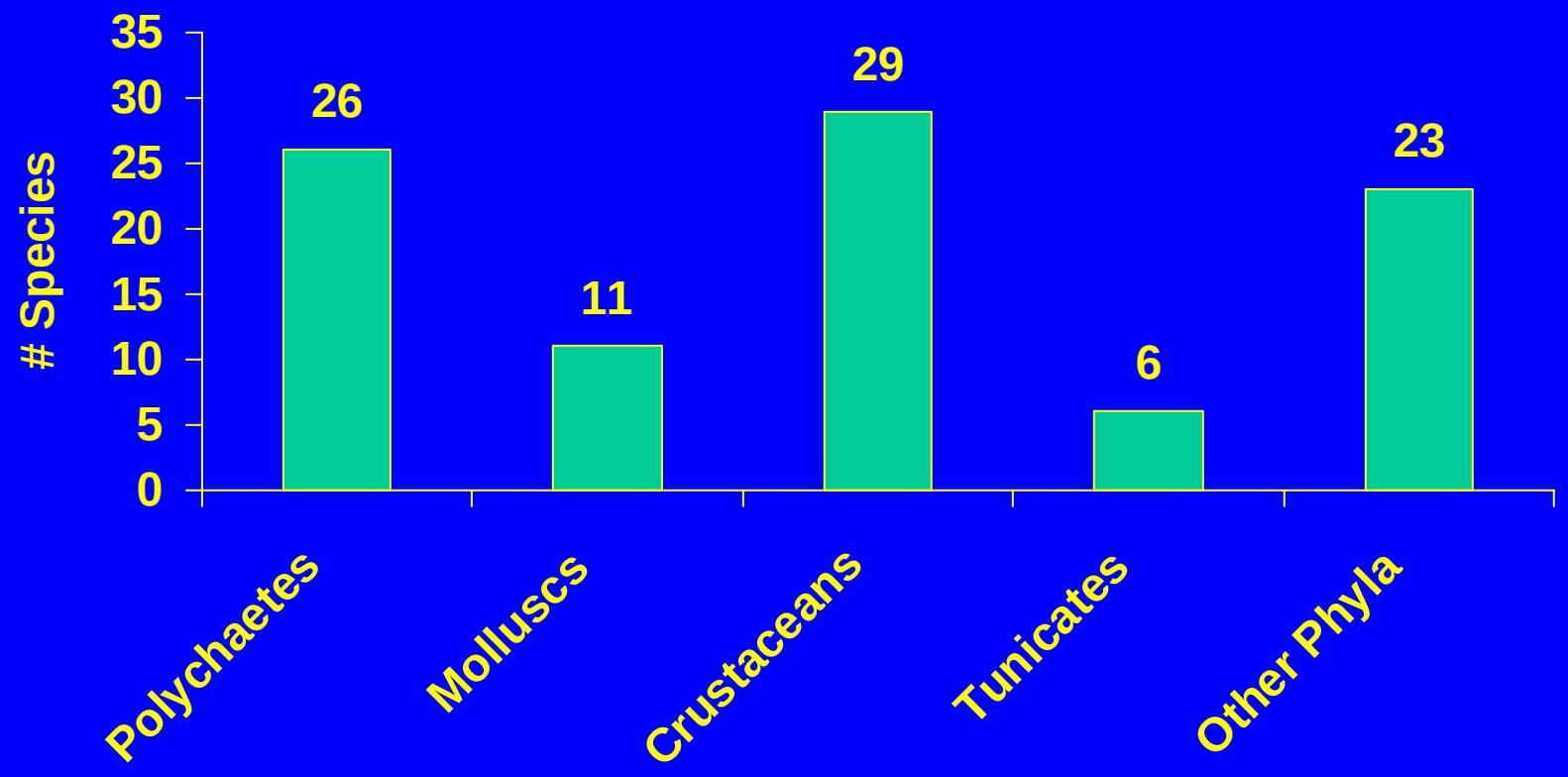
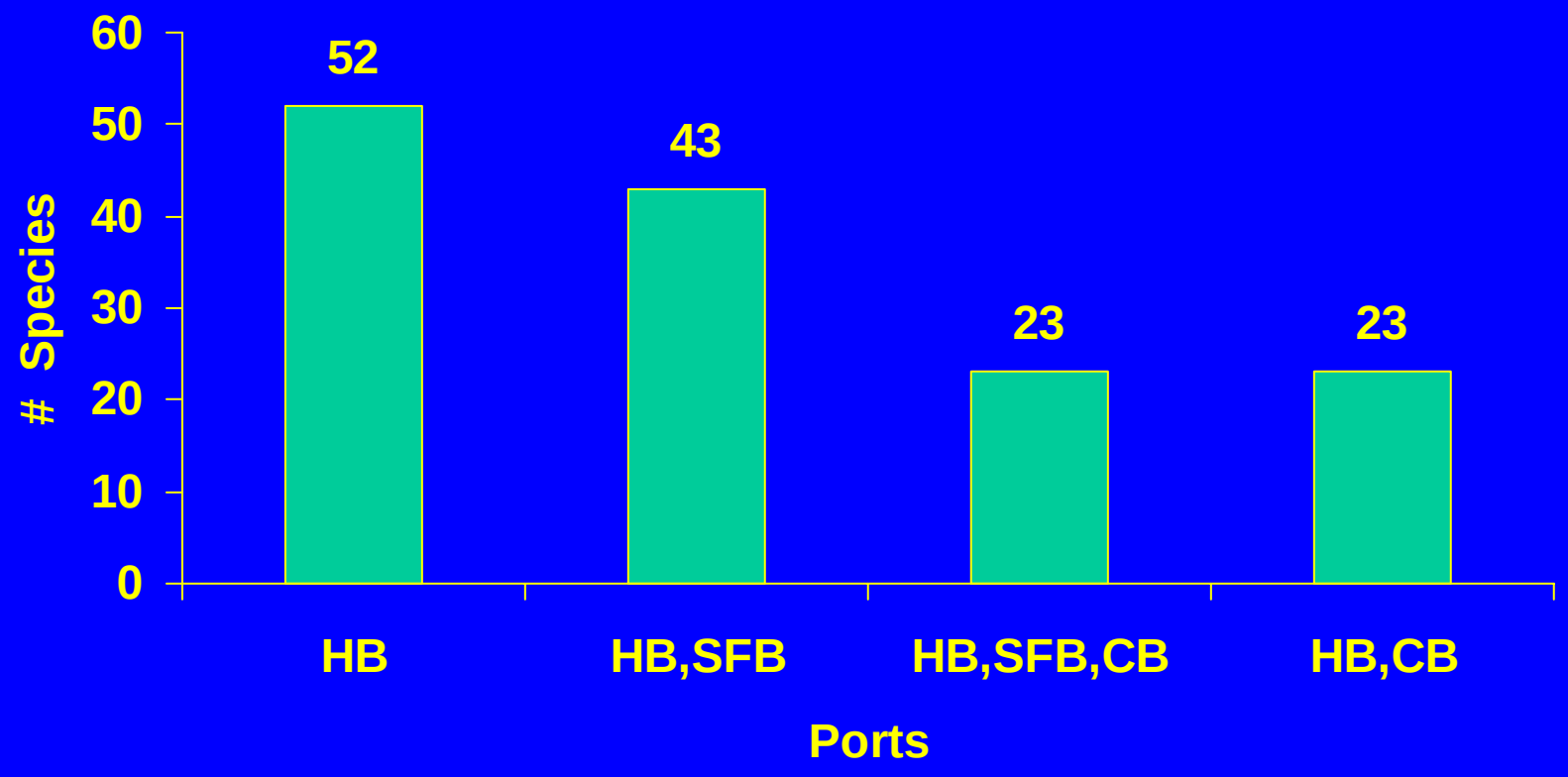


Locations of NIS at Humboldt Bay, CA



South Bay, 19 species

Major Phyla of Introduced Marine Invertebrates



Shared Species, CA - OR Ports