

B. NEARSHORE CLASSIFICATION SYSTEMS

| SYSTEM | SUBSTRATE | WAVE ENERGY | DEPTH | PLANTS |
|----------------------|---------------------------------|--|--------------------|---|
| Marine-intertidal | rock | exposed, partially exposed, semi-protected | eulittoral | rockweed, algae, kelps, surfgrass |
| | rock | all exposures | backshore | algae |
| | cobble | partially exposed | | algae |
| | mixed-coarse | semi-protected exposed | | seasonal drift algae |
| | gravel | partially exposed | | none |
| | gravel | semi-protected | | algae |
| | sand | exposed, partially exposed | | none |
| | sand | semi-protected, protected | | eelgrass, algae |
| | mixed-fines | semi-protected, protected | | eelgrass, algae |
| | mud | protected | | eelgrass, algae |
| Marine-subtidal | mixed-coarse | mod to low energy | shallow | surfgrass, eelgrass, algae |
| | gravel | high energy | shallow | |
| | mixed-fines | moderate to high energy | shallow | algae |
| | mud, mixed-fines | low energy | shallow | algae |
| Estuarine-intertidal | rock, hardpan | open | | algae |
| | mixed-coarse | open | eulittoral | algae; often eelgrass beds lie just subtidally of these beaches |
| | gravel | partly enclosed | eulittoral (marsh) | pickleweed, saltwort, rockweed |
| | sand | open | open | eelgrass, gracilaria |
| | sand, mixed fines, mud | partly enclosed lagoon | eulittoral (marsh) | vascular plants, bulrush, sedge, pickleweed (depending on salinity) |
| | mud | partly enclosed, enclosed | | eelgrass |
| | organic, sand, mixed-fines, mud | partly closed, partly enclosed | backshore (marsh) | sedge, grasses, vascular plant (species depending on salinity), high marsh plants |
| | mixed-fines, mud | channel/slough | | eelgrass, lined with marsh plants |
| Estuarine-subtidal | rock, cobble | open | shallow | algae |
| | sand | open | shallow | eelgrass |
| | mixed-fines | open | shallow | eelgrass, algae, kelp |
| | mud | open | shallow | eelgrass, algae |
| | mud | partly enclosed | shallow | |
| | sand, mud | channels | | |