

- Stiff-footed Sea Cucumber *Eupentacta quinquesemita*
- UROCHORDATES (Phylum Urochordata)**
- SEA SQUIRTS (Class Ascidiacea)**
- Mushroom Tunicate *Distaplia occidentalis*
- Brooding Transparent Tunicate *Corella inflata*
- Shiny Red Tunicate *Cnemidocarpa finmarkiensis*

- Stalked Tunicate *Styela montereyensis*
- Spiny-headed Tunicate *Boltenia villosa*
- Warty Tunicate *Pyura haustor*
- Compound Tunicate Various Species

CHORDATES (Phylum Chordata)
CARTILAGINOUS FISHES (Class Chondrichthyes)

- Big Skate *Raja binoculata*
- Starry Skate *Raja stellulata*

BONY FISHES (Class Osteichthyes)

- Northern Clingfish *Gobiesox maeandricus*
- Tidepool Snailfish *Liparis florae*
- High Cockscomb *Anoplarchus purpure-scens*
- Black Prickleback *Xiphister atropurpureus*
- Crescent Gunnel *Pholis laeta*
- Saddleback Gunnel *Pholis ornata*
- Tidepool Sculpin *Oligocottus maculosus*

CL-MAR_PNW-1999B

CHECKLIST
INTERTIDAL MARINE LIFE - PNW

All species found in:

The Beachcomber's Guide to Seashore Life in the Pacific Northwest

by J. Duane Sept

Harbour Publishing ISBN 1-55017-204-2

Location: _____

Date: _____

Notes: _____

SPONGES (Phylum Porifera)

- Bread Crumb Sponge *Halichondria panicea*
- Red Encrusting Sponge *Ophlitaspongia pennata*
- Purple Encrusting Sponge *Haliclona permollis*

JELLIES, SEA ANEMONES & CORALS (Phylum Cnidaria)

HYDROIDS & ALLIES (Class Hydrozoa)

- Purple Encrusting Hydrocoral *Allopora* sp.
- Wine-glass Hydroid *Obelia* sp.
- Turgid Garland Hydroid *Sertularella turgida*
- Ostrich-Plume Hydroid *Aglaophenia* sp.
- Water Jelly *Aequorea* sp.
- Aggregating Jelly *Eutonina indicans*

JELLIES & STALKED JELLIES (Class Scyphozoa)

- Lion's Mane *Cyanea capillata*
- Moon Jelly *Aurelia labiata*

CUP CORALS & SEA ANEMONES (Class Anthozoa)

- Orange Cup Coral *Balanophyllia elegans*
- Ten-tentacled Anemone *Halcampa decemtentaculata*
- Moonglow Anemone *Anthopleura artemisia*
- Aggregating Anemone *Anthopleura elegantissima*
- Giant Green Anemone *Anthopleura xanthogrammica*
- Brooding Anemone *Epiactis lisbethae*
- Proliferating Anemone *Epiactis prolifera*
- Red-beaded Anemone *Urticina coriacea*
- Painted Anemone *Urticina crassicornis*

- White-spotted Anemone *Urticina lofotensis*
- Giant Plumose Anemone *Metridium giganteum*
- Plumose Anemone *Metridium senile*
- Striped Anemone *Haliplanella luciae*

COMB JELLIES (Phylum Ctenophora)

- Sea Gooseberry *Pleurobrachia bachei*

FLATWORMS (Phylum Platyhelminthes)

- Large Leaf Worm *Kaburakia excelsa*

RIBBON WORMS (Phylum Nemertea)

- Red Ribbon Worm *Tubulanus polymorphus*
- Two-spotted Ribbon Worm *Amphiporus bimaculatus*

SEGMENTED WORMS (Phylum Annelida)

- Proboscis Worm *Glycera* sp.
- Pile Worm *Nereis vexillosa*
- Giant Pile Worm *Nereis brandti*
- Sandworm *Nephtys* sp.
- Eighteen-scaled Worm *Halosydna brevisetosa*
- Fragile Scaleworm *Arctonoe fragilis*
- Red Commensal Scaleworm *Arctonoe pulchra*
- Red-banded Commensal Scaleworm *Arctonoe vittata*
- Pacific Lugworm *Abarenicola pacifica*
- Bloodworm *Euzonus* sp.
- Spaghetti Worm *Thelepus* sp.
- Basket-top Tube Worm *Pista elongata*
- Northern Feather Duster Worm *Eudistylia vancouveri*
- Calcareous Tube Worm *Serpula vermicularis*

- Spiral Tube Worm *Spirorbis* sp.

PEANUT WORMS (Phylum Sipuncula)

- Agassiz's Peanut Worm *Phascolosoma agassizii*

MOLLUSKS (Phylum Mollusca)

Chitons (Class Polyplacophora)

- Lined Chiton *Tonicella lineata*
- White-lined Chiton *Tonicella insignis*
- Hairy Chiton *Mopalia ciliata*
- Mossy Chiton *Mopalia muscosa*
- Woody Chiton *Mopalia lignosa*
- Swan's Mopalia *Mopalia swanii*
- Red-flecked Mopalia *Mopalia spectabilis*
- Cooper's Chiton *Lepidozona cooperi*
- Merten's Chiton *Lepidozona mertensii*
- Three-rib Chiton *Lepidozona trifida*
- Gould's Baby Chiton *Lepidochiton dentiens*

- ❑ Painted Dendrochiton *Dendrochiton flec-tens*
- ❑ Veiled-chiton *Placiphorella velata*
- ❑ Black Katy Chiton *Katharina tunicata*
- ❑ Giant Pacific Chiton *Cryptochiton stelleri*
- LIMPETS, SNAILS & ALLIES (Class Gastropoda)**
- ❑ Northern Abalone *Haliotis kamtschatkana*
- ❑ Rough Keyhole Limpet *Diodora aspera*
- ❑ Hooded Puncturella *Cranopsis cucullata*
- ❑ Whitecap Limpet *Acmaea mitra*
- ❑ Shield Limpet *Lottia pelta*
- ❑ Plate Limpet *Tectura scutum*
- ❑ Ribbed Limpet *Lottia digitalis*
- ❑ File Limpet *Lottia limatula*
- ❑ Mask Limpet *Tectura persona*
- ❑ Unstable Limpet *Lottia instabilis*
- ❑ Red Turban *Astraea gibberosa*
- ❑ Black Turban *Tegula funebris*
- ❑ Puppet Margarite *Margarites pupillus*
- ❑ Purple-ring Topsnail *Calliostoma annula-tum*
- ❑ Blue Topsnail *Calliostoma ligatum*
- ❑ Sitka Periwinkle *Littorina sitkana*
- ❑ Checkered Periwinkle *Littorina scutulata*
- ❑ Wide Lacuna *Lacuna vincta*
- ❑ Mudflat Snail *Batillaria cumingi*
- ❑ Hooked Slippersnail *Crepidula adunca*
- ❑ Oregon Triton *Fusitriton oregonensis*
- ❑ Lewis's Moonsnail *Polinices lewisii*
- ❑ Boreal Wentletrap *Opalia borealis*
- ❑ Leafy Hornmouth *Ceratostoma foliatum*
- ❑ Frilled Dogwinkle *Nucella lamellosa*
- ❑ Channelled Dogwinkle *Nucella canalicu-lata*
- ❑ Striped Dogwinkle *Nucella emarginata*
- ❑ Dire Whelk *Lirabuccinum dirum*
- ❑ Wrinkled Amphissa *Amphissa columbiana*
- ❑ Giant Western Nassa *Nassarius fossatus*
- ❑ Purple Olive *Olivella biplicata*
- ❑ Baetic Olive *Olivella baetica*
- ❑ White Bubble Shell *Haminoea vesicula*
- NUDIBRANCHS & ALLIES (Subclass Opisthobranchia)**
- ❑ Cryptic Nudibranch *Doridella steinbergae*
- ❑ Barnacle-eating Dorid *Onchidoris bilamel-lata*
- ❑ Rufus Tipped Nudibranch *Acanthodoris nanaimoensis*
- ❑ Orange-spotted Nudibranch *Triopha catali-*

- nae*
- ❑ Yellow-edged Nudibranch *Cadlina luteo-marginata*
- ❑ Red Nudibranch *Rostanga pulchra*
- ❑ Monterey Dorid *Archidoris montereyensis*
- ❑ Sea Lemon *Anisodoris nobilis*
- ❑ Ringed Nudibranch *Diaulula sandiegensis*
- ❑ Frosted Nudibranch *Dirona albolineata*
- ❑ Opalescent Nudibranch *Hermisenda crassicornis*
- ❑ Shaggy Mouse Nudibranch *Aeolidia papil-losa*
- ❑ Leather Limpet *Onchidella borealis*
- CLAMS & ALLIES (Class Bivalvia)**
- ❑ California Mussel *Mytilus californianus*
- ❑ Pacific Blue Mussel *Mytilus trossulus*
- ❑ Northern Horsemussel *Modiolus modiolus*
- ❑ California Datemussel *Adula californiensis*
- ❑ Olympia Oyster *Ostrea conchaphila*
- ❑ Pacific Oyster *Crassostrea gigas*
- ❑ Green False-jingle *Pododesmus macros-chisma*
- ❑ Smooth Pink Scallop *Chlamys rubida*
- ❑ Spiny Pink Scallop *Chlamys hastata*
- ❑ Giant Rock Scallop *Crassadoma gigantea*
- ❑ Weathervane Scallop *Patinopecten caurinus*
- ❑ Nuttall's Cockle *Clinocardium nuttallii*
- ❑ Fat Gaper *Tresus capax*
- ❑ Pacific Gaper *Tresus nuttallii*
- ❑ Hooked Surfclam *Simomactra falcata*
- ❑ Pacific Razor-clam *Siliqua patula*
- ❑ Bodega Tellin *Tellina bodegensis*
- ❑ Baltic Macoma *Macoma balthica*
- ❑ Expanded Macoma *Macoma expansa*
- ❑ Bent-nose Macoma *Macoma nasuta*
- ❑ Dark Mahogany-clam *Nuttallia obscurata*
- ❑ Butter Clam *Saxidomus gigantea*
- ❑ Pacific Littleneck *Protothaca staminea*
- ❑ Japanese Littleneck *Venerupis philippina-rum*
- ❑ California Softshell-clam *Cryptomya californica*
- ❑ Softshell-clam *Mya arenaria*
- ❑ Boring Softshell-clam *Platyodon cancel-latus*
- ❑ Pacific Geoduck *Panope abrupta*
- ❑ Arctic Hiatella *Hiatella arctica*
- ❑ Rough Piddock *Zirphaea pilsbryi*
- ❑ Flat-tip Piddock *Penitella penita*
- ❑ Shipworm *Bankia setacea*

- ❑ Rock Entodesma *Entodesma navicula*
- OCTOPODS & SQUIDS (Class Cephalopoda)**
- ❑ Giant Pacific Octopus *Octopus dofleini*
- ARTHROPODS (Phylum Arthropoda)**
- BARNACLES (Class Cirripedia)**
- ❑ Thatched Barnacle *Semibalanus cariosus*
- ❑ Giant Barnacle *Balanus nubilis*
- ❑ Acorn Barnacle *Balanus glandula*
- ❑ Little Brown Barnacle *Chthamalus dalli*
- ❑ Shell Barnacle *Solidobalanus hesperius*
- ❑ Goose Barnacle *Pollicipes polymerus*
- ❑ Pelagic Goose Barnacle *Lepas anatifera*
- SHRIMPS, CRABS & ALLIES (Class Malacostraca)**
- ❑ Vosnesensky's Isopod *Idotea vosnesenskii*
- ❑ California Beach Hopper *Megalorchestia californiana*
- ❑ Skeleton Shrimp *Caprella* sp.
- ❑ Smooth Bay Shrimp *Crangon stylirostris*
- ❑ Stout Shrimp *Heptacarpus brevisrostris*
- ❑ Sitka Shrimp *Heptacarpus sitchensis*
- ❑ Blue Mud Shrimp *Upogebia pugettensis*
- ❑ Bay Ghost Shrimp *Neotrypaea californien-sis*
- ❑ Umbrella Crab *Cryptolithodes sitchensis*
- ❑ Hairy Crab *Hapalogaster mertensii*
- ❑ Granular Claw Crab *Oedignathus inermis*
- ❑ Flattop Crab *Petrolisthes eriomerus*
- ❑ Flat Porcelain Crab *Petrolisthes cinctipes*
- ❑ Thick-clawed Porcelain Crab *Pachycheles rudis*
- ❑ Bering Hermit *Pagurus beringanus*
- ❑ Greenmark Hermit *Pagurus caurinus*
- ❑ Grainyhand Hermit *Pagurus granosimanus*
- ❑ Hairy Hermit *Pagurus hirsutiusculus*
- ❑ Blueband Hermit *Pagurus samuelis*
- ❑ Pacific Mole Crab *Emerita analoga*
- ❑ Graceful Decorator Crab *Oregonia gracilis*
- ❑ Shield-backed Kelp Crab *Pugettia producta*
- ❑ Graceful Kelp Crab *Pugettia gracilis*
- ❑ Helmet Crab *Telmessus cheiragonus*
- ❑ Red Rock Crab *Cancer productus*
- ❑ Pygmy Rock Crab *Cancer oregonensis*
- ❑ Dungeness Crab *Cancer magister*
- ❑ Black-clawed Crab *Lophopanopeus bellus*
- ❑ Striped Shore Crab *Pachygrapsus crassipes*
- ❑ Yellow Shore Crab *Hemigrapsus orego-nensis*
- ❑ Purple Shore Crab *Hemigrapsus nudus*

- ❑ Gaper Pea Crab *Pinnixa littoralis*
- ARACHNIDS (Class Arachnida)**
- ❑ Red Velvet Mite *Neomolgus littoralis*
- BRACHIOPODS (Phylum Brachiopoda)**
- ❑ Common Lampshell *Terebratalia trans-versa*
- MOSS ANIMALS (Phylum Bryozoa)**
- ❑ Fluted Bryozoan *Hippodiplosia insculpta*
- ❑ Sea-lichen Bryozoan *Dendrobeania lichen-oides*
- ❑ Kelp Encrusting Bryozoan *Membranipora membranacea*
- ❑ Rosy Bryozoan *Eurystomella bilabiata*
- ❑ Branched-spine Bryozoan *Flustrellidra corniculata*
- SPINY-SKINNED ANIMALS (Phylum Echinodermata)**
- SEA STARS (Class Asteroidea)**
- ❑ Bat Star *Asterina miniata*
- ❑ Leather Star *Dermasterias imbricata*
- ❑ Morning Sun Star *Solaster dawsoni*
- ❑ Striped Sun Star *Solaster stimpsoni*
- ❑ Pacific Blood Star *Henricia leviuscula*
- ❑ Mottled Star *Evasterias troschelii*
- ❑ Six-rayed Star *Leptasterias hexactis*
- ❑ Painted Sea Star *Orthasterias koehleri*
- ❑ Giant Pink Star *Pisaster brevispinus*
- ❑ Purple Star *Pisaster ochraceus*
- ❑ Sunflower Star *Pycnopodia helianthoides*
- BRITTLE STARS (Class Ophiuroidea)**
- ❑ Daisy Brittle Star *Ophiopholis aculeata*
- ❑ Dwarf Brittle Star *Amphipholis squamata*
- ❑ Black and White Brittle Star *Amphipholis pugetana*
- URCHINS & SAND DOLLARS (Class Echinoidea)**
- ❑ Green Sea Urchin *Strongylocentrotus droe-bachiensis*
- ❑ Purple Sea Urchin *Strongylocentrotus purpuratus*
- ❑ Red Sea Urchin *Strongylocentrotus francis-canus*
- ❑ Eccentric Sand Dollar *Dendraster excentri-cus*
- SEA CUCUMBERS (Class Holothuroidea)**
- ❑ Creeping Pedal Sea Cucumber *Psolus chitonoides*
- ❑ California Sea Cucumber *Parastichopus californicus*
- ❑ Orange Sea Cucumber *Cucumaria miniata*