

INVERT SWATH (COMMON/SCIENTIFIC) PISCO UCSC rev. 6/17

SITE: _____ DATE: _____ HEADING OUT: _____ OBSERVER: _____
 TRANSECT #: 1 | 2
 UP/COAST | DOWN/COAST TARG. DEPTH: S | M | D ACT. DEPTH: _____ BUDDY: _____

All non-star spp. must be ≥ 2.5 cm dia		0-10 m	10-20 m	20-30 m	
Sea Stars	Patiria miniata (bat star)				
	Dermasterias imbricata (leather star)				
	Henricia spp. (elongate rays)				
	Mediaster aequalis (vermillion, red with large marginal plates)				
	Size - measure radius of longest ray	PYCHEL (Pycnopodia)			
		PISGIG (Pisaster giganteus)			
		PIS spp. (juvenile Pisaster)			
write-in					
Disease * = mild ** = severe Record disease as: *(III, 2, I), which indicates 6 mildly diseased. **(2,II, E) indicates 15 severely diseased. WRITE-INS: PISOCH, PISBRE, ORTKOE					
Anemones	Urticina lofotensis white spots in distinct columns				
	Urticina piscivora solid red column, smooth				
	Anthopleura sola radial bands on oral disc				
Cucumbers	Cucumaria miniata bright orange tentacles				
	Apostichopus californicus large, triangular papillae; 'thorn-like'				
	Apostichopus parvimensis black stubble, small papillae				
Crustaceans	"Cancer" spp. classic crab shape				
	Pugettia producta smooth carapace; red, brown, or				
	Pugettia richii/gracilis spiked carapace, striped red-white				
	L. crispatus/ Scyra acutifrons cryptic decorator, tan or gray coloring				
	Pugettia foliata (was Mimulus) Balanus nubilis giant acorn barnacle				
Mollusks	Cryptochiton stelleri Gumboot chiton				
	Crassadoma gigantea Giant Pacific rock scallop				
	Megathura crenulata Giant keyhole limpet				
	Pomaulax gibberosus Red turban snail				
	Kelletia kelletii Kellet's whelk				
	Ceratosstoma foliatum Leafy hornmouth				
	Tethya californiana Orange puffball				
Other	Styela montereyensis Stalked tunicate				
	Stylaster californicus California hydrocoral				

Write-Ins: Other *Urticina*, *Anthopleura xanthogrammica* (Large Green Anemone), *Metridium* spp. (all white, long column), *Lytechinus pictus* (White Sea Urchin), *Aplysia californica* and *A. vaccaria* (Sea Hares), *Megastraea undosa* (wavy turban snail), *Loxorhynchus grandis* (sheep crab), *Neobernaya spadicea* (chestnut cowry)