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Recruitment in a Sea Anemone Population: Juvenile Substrate Becomes Adult Prey: K. P. Sebens

Intracellular Recordings from Thermosensitive Preoptic Neurons: D. O. Nelson and C. L. Prosser


Ultraviolet Absorbance Monitor; Thermometer; Laboratory Personal Computer; Rotary Microtome; Line Printer; Data Terminal for Particle Size Analyzer; Apnea Detector; Literature.

Sea anemone (Anthopleura xanthogrammica) in a tide pool beneath mussel beds, Torch Bay, Alaska. Sea anemones capture mussels released by wave action and by sea star foraging. Mussel beds also serve as “nurseries” for juvenile anemones which grow and then move downward into pools and crevices. Larval selection or differential survival in mussel beds provides a convenient mechanism for anemones to home in on what will be the most common adult prey. See page 785. [K. P. Sebens, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts 02138]