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Cover  Sagittal section of the walking surface of the starfish (Asterias forbesi) tube foot. The electron micrograph shows dozens of elliptical “secretory packets” migrating toward the walking surface prior to being secreted, possibly to be used as an adhesive (× 30,000). [A. B. Chaet, American University and the Marine Biological Laboratory, Woods Hole, Mass.; and D. E. Philpott, Boston University and the Marine Biological Laboratory]