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Cover
Isolated tentacular lamella, including half of central axial support, of Riftia pachyptila Jones (dorsal to right). Each tentacle contains paired blood vessels with connecting intraepidermal capillary loops throughout their length. Up to 335 pairs of lamellae comprise the plume that protrudes from the vestimentiferan worm’s tube and forms an efficient exchange organ (Mallory’s Triple Stain; × 8.6). See page 333. [M. L. Jones, National Museum of Natural History, Smithsonian Institution, Washington, D.C.]