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COVER

The wood-boring marine isopod, Limnoria tripunctata, seen emerging from a burrow, maintains a digestive tract free of microorganisms. This phenomenon occurs also in a marine amphipod and a terrestrial isopod. The distance between the eyes is 380 micrometers. Part of another burrow is at the lower right. See page 1157. [P. Boyle, Division of Applied Sciences, Harvard University, and E. Seling, Scanning Electron Microscope Laboratory, Museum of Comparative Zoology]