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**Cover**

*Hastigerina pelagica* (d'Orbigny), a planktonic foraminifer with spines 7 
millimeters in length and a bubble with a diameter of 2 millimeters, which serves 
as a flotation device and housing for numerous dinoflagellate symbionts. 
Several species of planktonic Foraminifera are hand-collected by scuba 
diving in the Sargasso Sea and cultured at the Bermuda Biological Station. 
Gametogenesis was recently observed for the first time in these marine protozoans. 
See page 890. [Allan W. H. Bé, Lamont-Doherty Geological Observa-
tory, Palisades, New York]