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COVER

Female calanoid copepod (*Eucalanus attenuatus*) from the Coral Sea, Australia. This herbivorous planktonic microcrustacean lives in a nutritionally dilute environment. Note the sensor arrays on the outstretched first antennae and the elaborate mouthparts. These animals create feeding currents that help them detect algae. See page 158. [Paul Dixon, Australian Institute of Marine Science, Townsville, Australia]