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COVER

Fluorescent micrograph of a red-sensitive single cone containing a red oil droplet in the retina of the red-eared turtle (Pseudemys scripta elegans). The spectral sensitivity of each photoreceptor was recorded in the eyecup preparation, and then Lucifer yellow was ionophoretically injected. The yellow fluorescent ring around the red oil droplet is seen as a corona. The color of the oil droplet could be correlated with the three chromatic types of cones. See page 874 [Teruya Ohtsuka, Department of Information Physiology, National Institute for Physiological Sciences, Okazaki, Japan]