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Communications and National Security: M. Tanenbaum; W. J. Broad; Sulfur Dioxide Emissions: D. W. Schindler; Germplasm Conservation: E. S. Russell; Documenting Science and Technology: J. N. Warnow; Pleistocene Climate: M. Briskin

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Risk and Benefit in Environmental Law: P. F. Ricci and L. S. Molton

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The Threat to One Million Species

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COVER

Hatching of Alligator mississippiensis. Prior to and during hatching the eggshell becomes extensively cracked and peels away from the underlying eggshell membrane. The weakening and cleavage of the eggshell greatly facilitate hatching, as the alligator has only to slit the eggshell membrane with the egg caruncle at the tip of it snout and then to emerge from the egg, head first. Eggs incubated without nesting media never hatch due to an abnormally tough shell. Length of the egg is 70 millimeters; length of the embryo is 230 millimeters. Hatching time (from the first to last photograph) is 1.2 minutes. See page 1135. [Mark W. J. Ferguson, Queen's University of Belfast, Northern Ireland]