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Under the cover of darkness hatching green turtles (Chelonia mydas) emerge from their nests, orient, and scurry toward the ocean along the beach at Tortuguero, Costa Rica. Their sex has been determined by the temperature of their eggs during incubation. Nest temperatures above 29.5°C produced predominantly females, while temperatures below 28°C resulted in male turtles. See page 1245. [Edward A. Standora. State University College at Buffalo, Buffalo, New York 14222]