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Cover

Juvenile Alligator mississippiensis, order Crocodilia, the last living reptiles  
in the subclass Archosauria to which dinosaurs belong. Alligators naturally  
lack pineal bodies but do have the putative pineal hormone melatonin. The  
implications of pineal loss but melatonin retention may provide certain clues to  
pineal function in living and fossil reptiles. See page 548. [Lesley A. Marvel,  
Science]