



**Cover:** The vocal system of American alligators consists of a combination of features that are also found in the extremely vocal birds and mammals. Riede, Tokuda and Farmer (pp. 3082–3095) investigated how juvenile alligators modulate fundamental frequency of their calls. Physiological measurements and a vocal fold computer model indicate that the fine-tuned interplay between lung pressure and glottal adduction is responsible for frequency modulations. This suggests that the alligator larynx represents a sound source with only two active control parameters in contrast to the mammalian larynx in which three parameters can be altered to modulate frequency. Photo credit: T. Riede.

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