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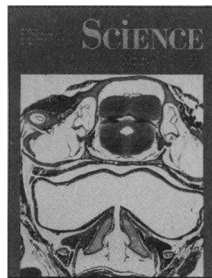
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COVER A section through the head of a cricket frog shows the eighth cranial nerve piercing the skull between the inner ear and brain case. The amphibian papilla, an auditory organ, lies in the chamber above the nerve. Below, the larynx opens into the mouth. The auditory and vocal systems coevolve to match call frequency with tuning of the ear. See page 1786. [Histology and photograph by Blinda McClelland and Walter Wilczynski, Department of Psychology, University of Texas, Austin 78712]

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Science

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Science **240** (4860), 1711-1806.

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