## **TECHNICAL NOTES AND RESEARCH BRIEFS**

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Functional interaural distance and high-frequency hearing in the elephant [43.80Lb, 43.66.Gf]

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Henry Heffner and Rickye Heffner

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two-choice procedure in which the elephant indicated the presence or absence of a tone by making one response when a tone was perceived and a different response when it was not perceived (see Heffner and Heffner<sup>2</sup> for details). Briefly, a response panel with three response buttons mounted in a horizontal row and a

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binaural cues for sound localization, the difference in time of arrival of a sound at the two ears  $(\Delta t)$  and the difference in frequency-intensity spectra of a sound reaching the two ears  $(\Delta fi)$ , depend on the functional distance between the two ears and the

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