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The Journal of Laryngology and Otology

EDITED BY G. H. BATEMAN

> ASSISTANT EDITOR LJONEL TAYLOR

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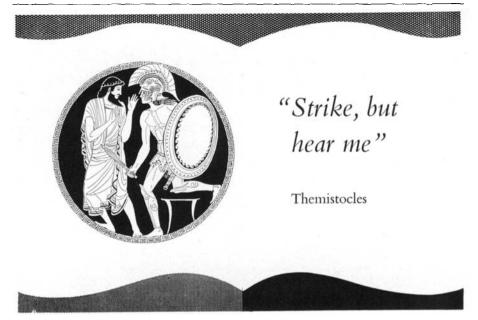
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J. Laryng., 1960, LXXIV, 628.

Ibid., 1960, LXXIV, 730.

Ibid., 1961, LXXV, 345.

Ibid., 1962, LXXVI, 299.

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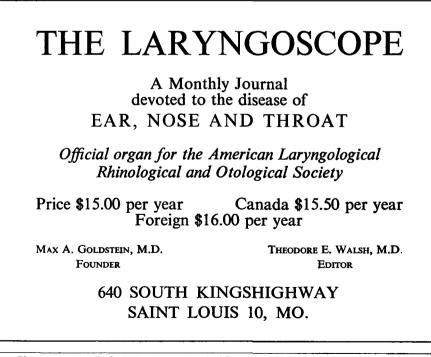
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