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Polymer Society of Korea Home page, <http://www.polymer.or.kr> (retrieved July 14, 2003).
Dove, R., Lady Freedom among Us, *The Electronic Text Center*, <http://etext.lib.virginia.edu/subjects/afam.html> (retrieved June 19, 1998).
University of Georgia, Points of Pride, *University of Georgia*, <http://www.uga.edu/profile/pride.html> (retrieved October 21, 2009).
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