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The *Mining History Journal* is provided to all members of the Association. Membership is open to anyone interested in the history of mining and metallurgy. Information or applications for membership may be obtained from Diane Dudley, Mining History Association, P.O. Box 552, Sedalia, CO, 80135; or at [www.mininghistoryassociation.org](http://www.mininghistoryassociation.org). Annual dues are \$25 per calendar year. Members receive quarterly newsletters and the journal.

The journal welcomes manuscripts on any subject in mining and metallurgical history in any era or region. Manuscripts, books for review, announcements, inquiries regarding advertising or the purchase of back issues of the journal, and other correspondence related to the journal should be sent to: Mining History Journal, Department of History, MS2960, Southeast Missouri State University, Cape Girardeau, MO 63701, or [eclements@semo.edu](mailto:eclements@semo.edu).

Manuscripts should be submitted typed, double-spaced, and with endnotes. The journal only accepts manuscripts via e-mail or on PC compatible computer disks, with Microsoft WORD or WordPerfect formats required. A clean paper copy of the manuscript is requested along with the disk. All articles are required to follow the style formats specified in the *Chicago Manual of Style*, 15th edition.

Illustrations should not be embedded in the article and captions should be provided. Submit photos as originals or as separate files scanned as TIFF or jpeg at a minimum of 5 by 7 inches and 600dpi. Photos copied from websites will not be used. Authors are responsible for obtaining copyright use permissions for all illustrations and for paying any associated fees.

The Editorial Board of the *Mining History Journal* presents the annual John M. Townley Award to the author of the best article in that year's journal. Criteria for the Townley award include: the significance of the topic to mining history; the originality, quality, and depth of research; literary quality; and the quality of accompanying illustrations.

Articles appearing in this journal are abstracted and indexed in HISTORICAL ABSTRACTS and AMERICA: HISTORY AND LIFE.

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**Front Cover:** The Dubuque shot tower was built in 1856 to manufacture shot from lead mined in the Dubuque, Iowa, region. The tower is a tapered hollow-column masonry structure standing 120 feet, 5 inches tall, the lower portion of Galena dolomite and the upper of red brick. The walls are three feet thick at the base and one at the top. In the shot-dropping process, invented in the 1760s, molten lead was poured into a perforated copper pan at the top of the tower. The perforations sized the shot, which then fell to the bottom of the tower. The fall cooled the shot and shaped it into perfect spheres, which landed in a tank of cold water to finish cooling. In 1881 the structure became a fire watch tower for a lumber company, then survived as a local landmark. The Dubuque shot tower was restored in 1961 and again in 2010 and is the last extant west of the Mississippi River. (Editor's photo.)

**Back Cover:** The British Hollow lead smelter, Potosi, Wisconsin. A lead smelter operated on the site by 1839, and the present one was constructed by 1850. It operated continuously, though perhaps seasonally, through the Civil War, and then fitfully until 1886. The five-room smelter building was built from stone quarried on site and imported brick, and the smelter features a buried chimney that exhausts near the top of the hill. After it closed, portions of the stone structure were salvaged for reuse. (Editor's photo.)