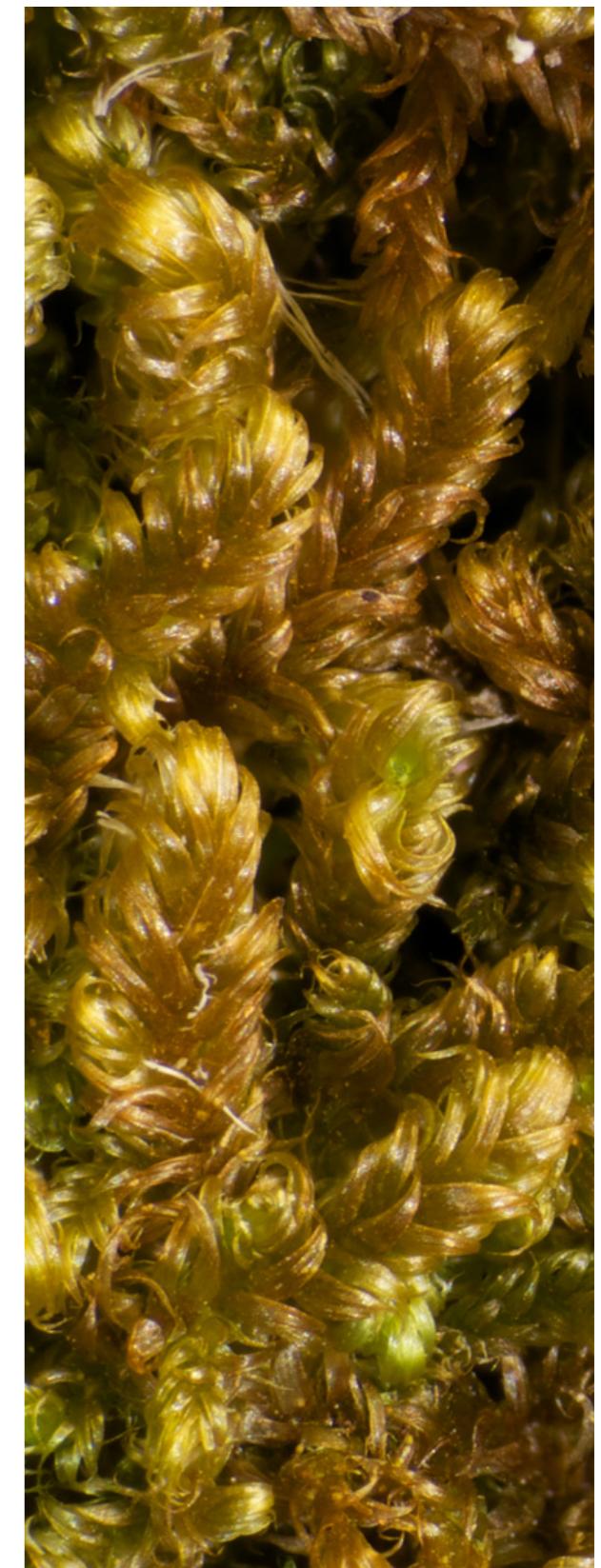


Digitization of Bryophyte Labels at the Missouri Botanical Garden

John C. Brinda

Missouri Botanical Garden,
Saint Louis, MO



Missouri Botanical Garden

Bryophyte Herbarium

- ▶ One of 18 institutions managing the digitization of North American bryophyte and lichen labels
- ▶ Houses the largest total number of specimens of any institution in the project (242,062; all bryophytes)



Individuality of Collections

- ▶ Collectors
- ▶ Time periods
- ▶ Geographical regions
- ▶ Taxonomic groups

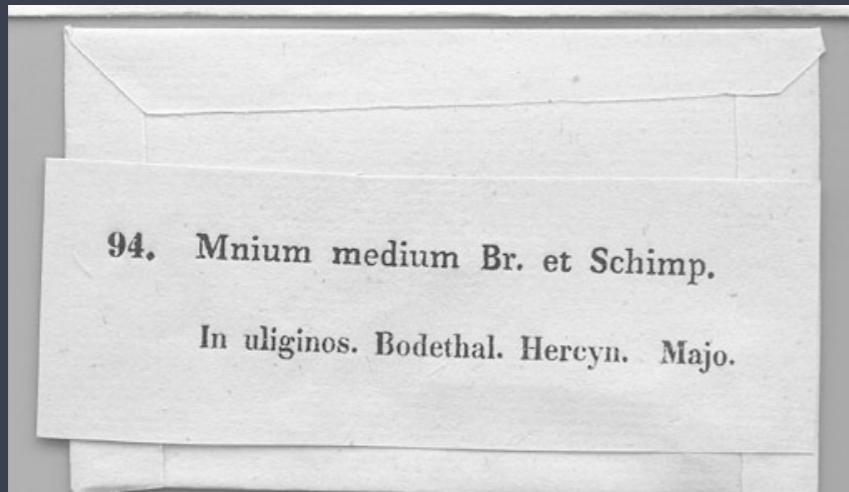


Some Challenges

- ▶ Exsiccatae and other duplicates
- ▶ Recognizing historically important collections
- ▶ Handwritten labels



Exsiccatae



MAINE MOSSES
Edited by Bruce Allen & Ronald A. Pursell

364. *Dichelyma falcatum* (Hedw.) Myr.

FRANKLIN COUNTY: Town of New Sharon. Along Whittier Brook at crossing with Kimball Pond Road.
44° 35' 35" N, 069° 59' 35" W. 246 meters.

On sides of boulders in brook.

Coll: Bruce Allen 28551

June 2007

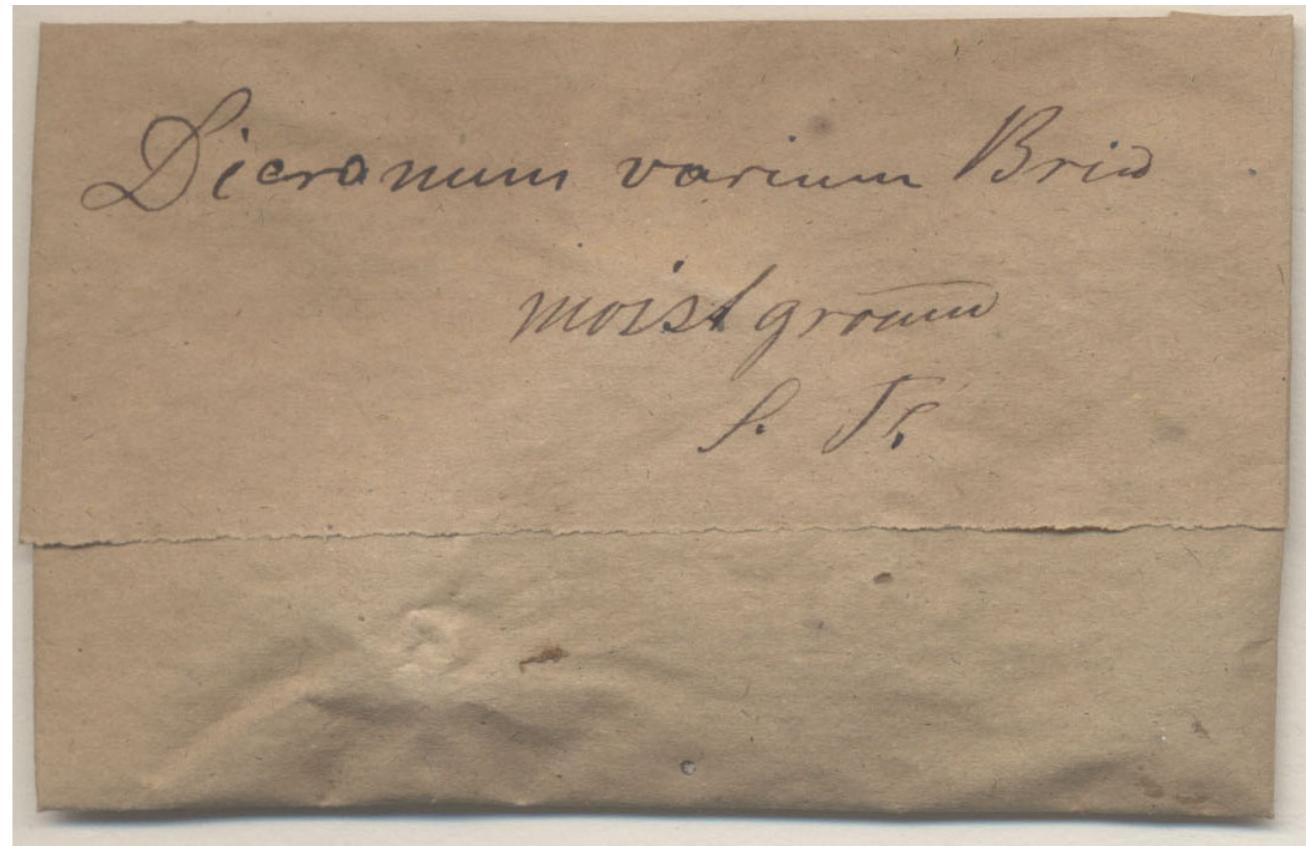
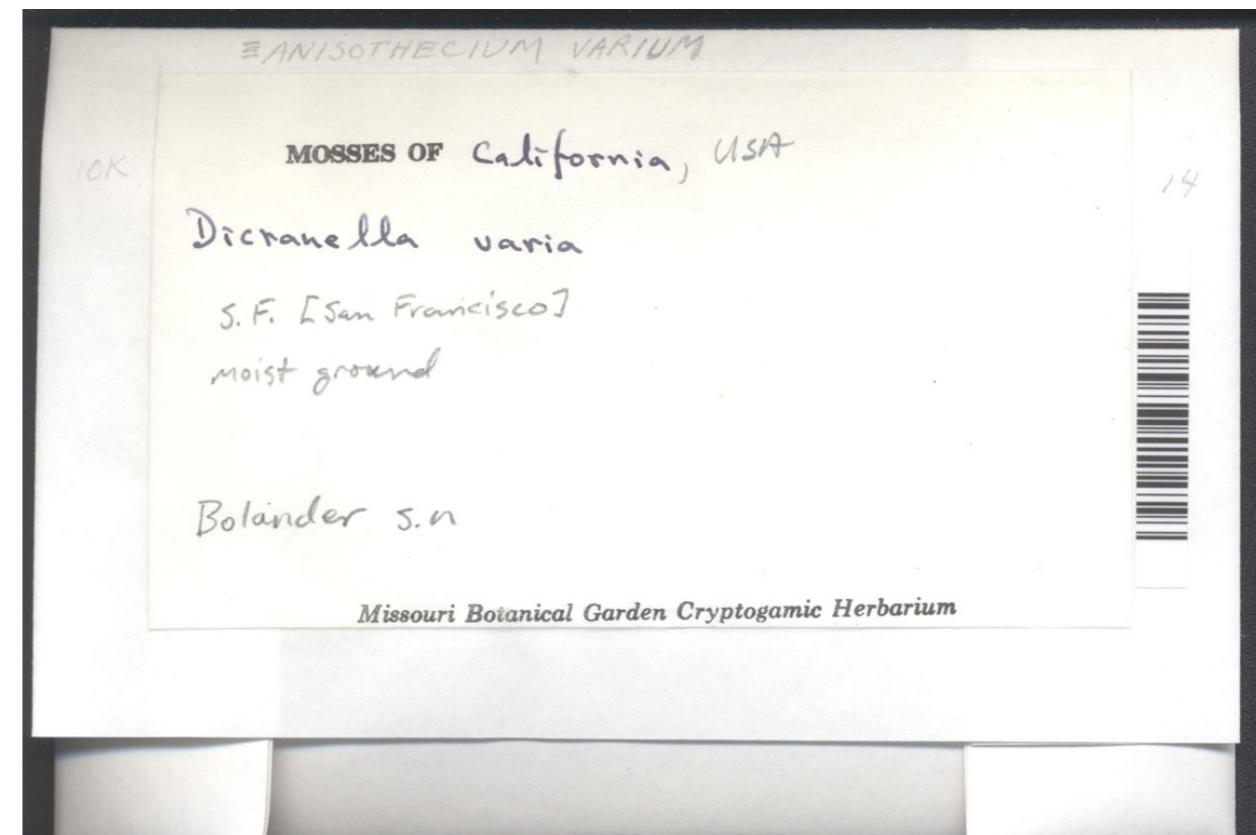
Distributed by
Missouri Botanical Garden

100. *Mucor Erysiphe* Linn.

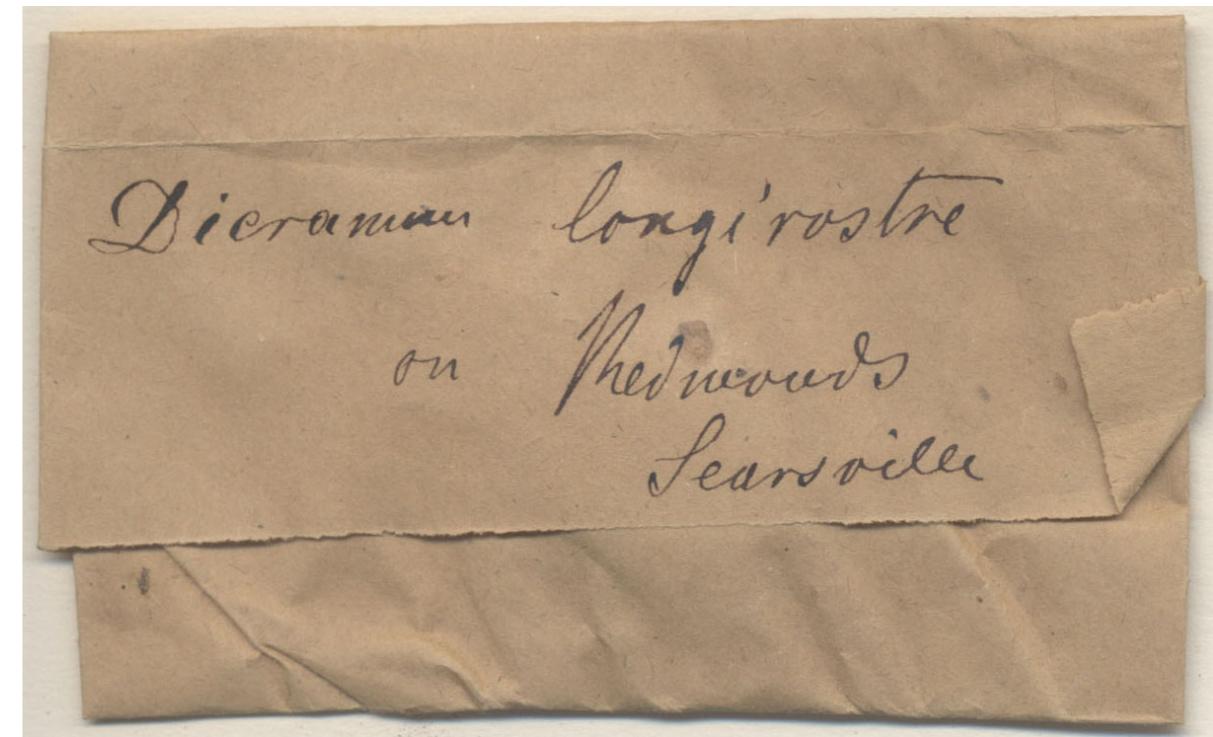
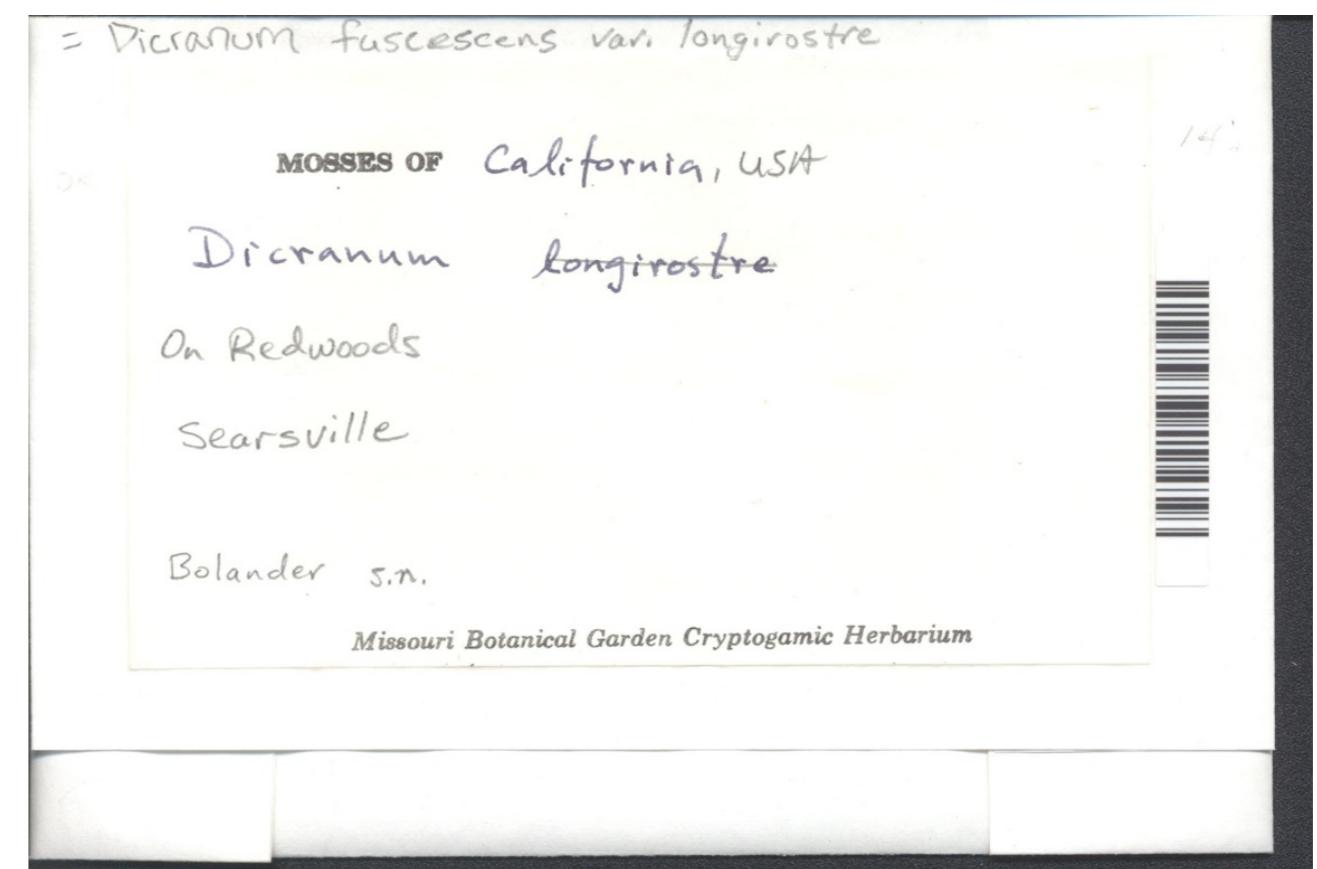
Hannoveræ. Chrt. m. exs;

Asplenium viride Hudson.
in fissuris rupium montis Untersberg. Hoppe et H

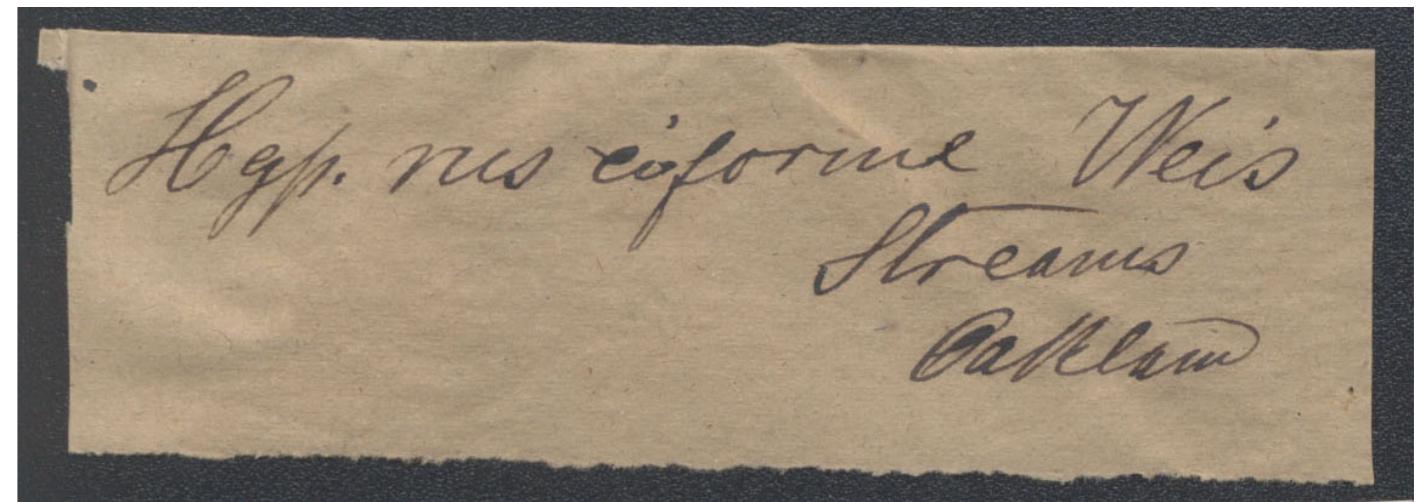
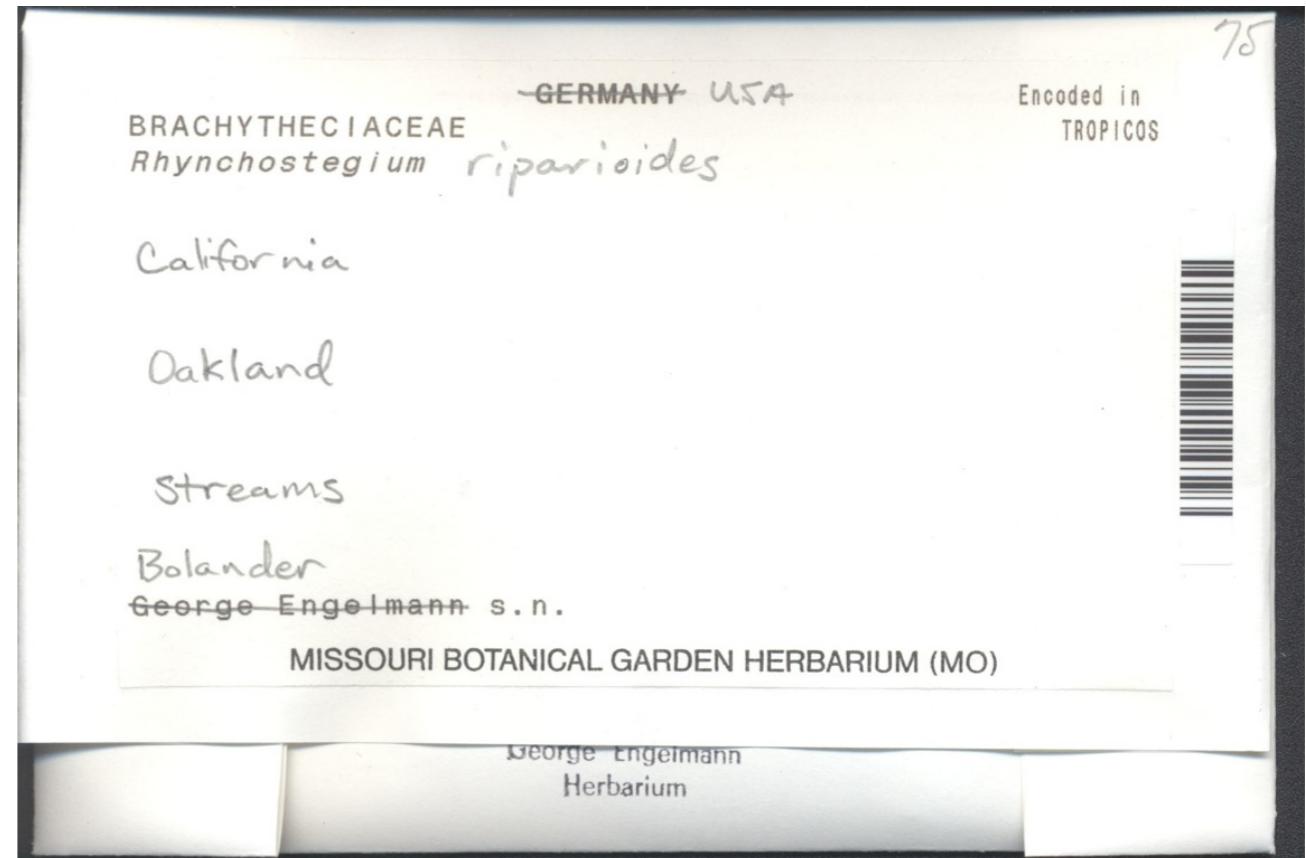
Historically Important Records



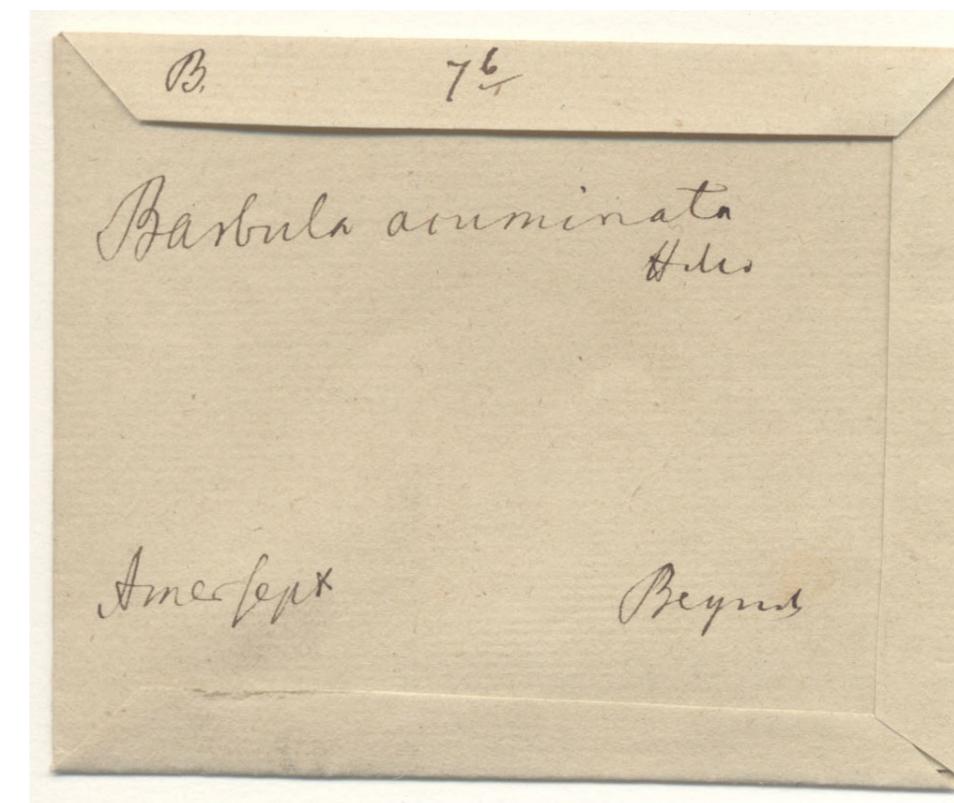
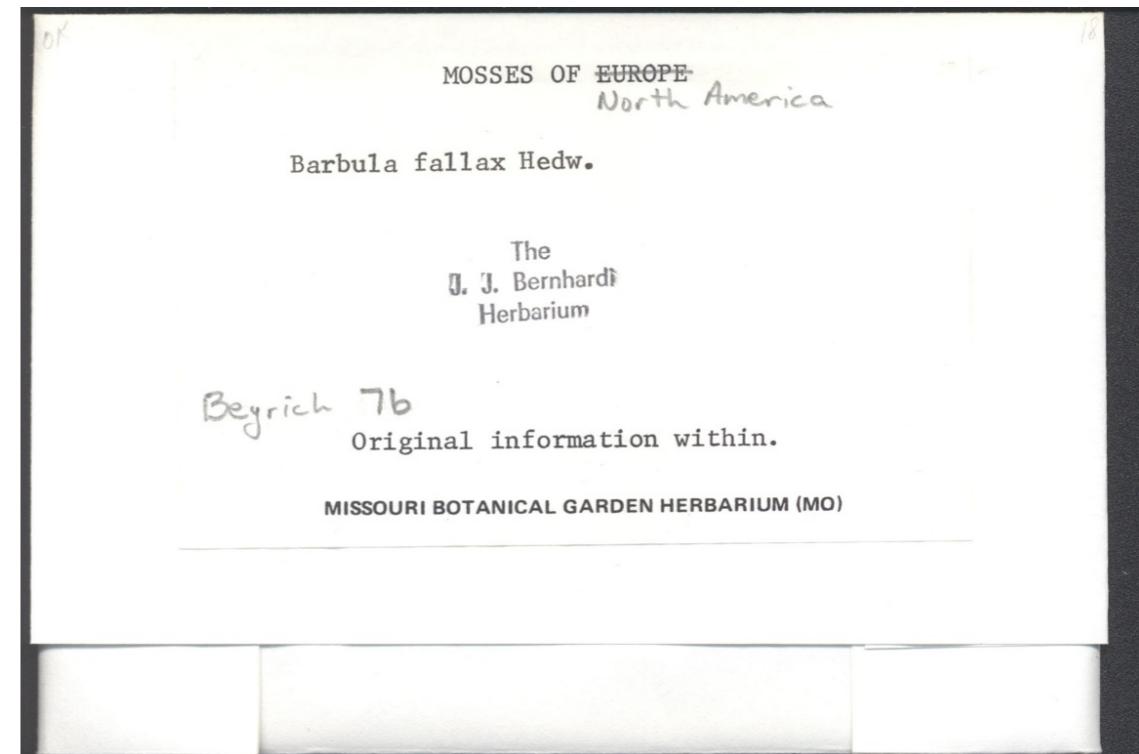
Historically Important Records



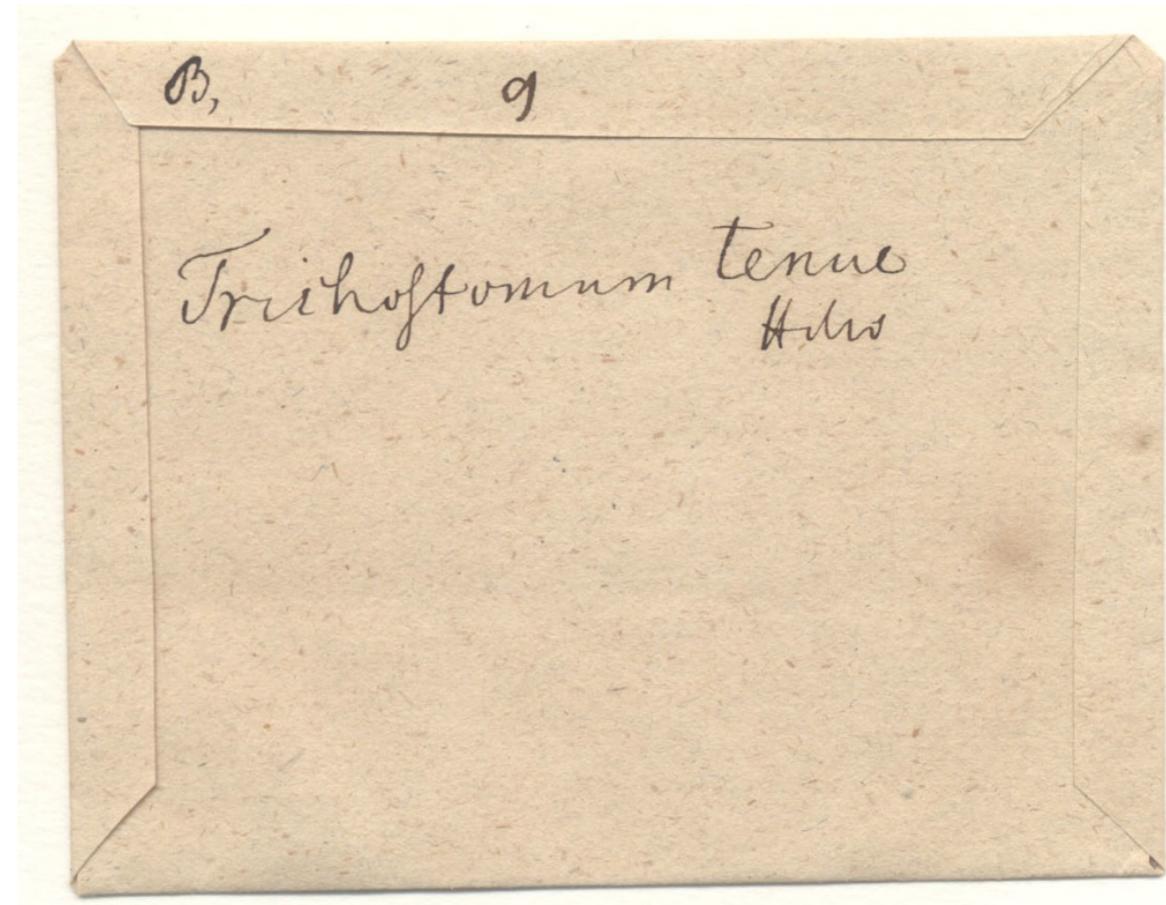
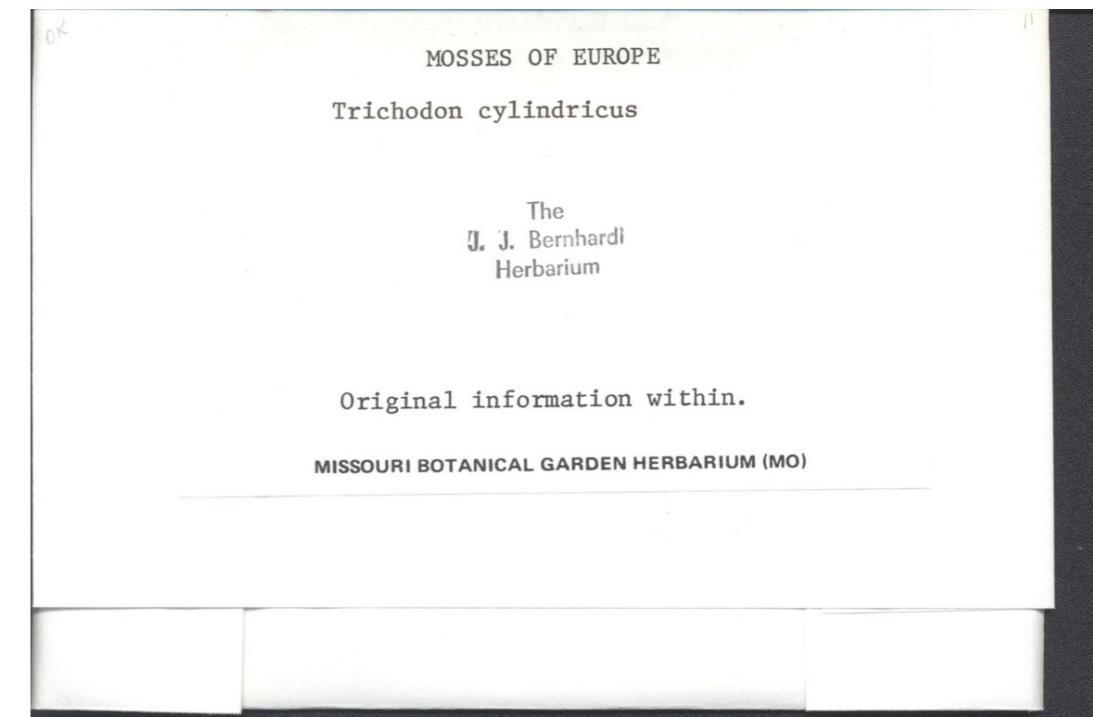
Historically Important Records



Historically Important Records



Historically Important Records



Importance of Older Records

- ▶ Our only solid evidence of past distributions
- ▶ Critical to our understanding of responses to global change



Wisdom of the Crowd

- ▶ Handwriting analysis
- ▶ Language translation
- ▶ Georeferencing
- ▶ Nomenclature

