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**THE BOTANICAL LITERATURE OF MISSISSIPPI:  
A TAXONOMIC, GEOGRAPHIC, AND SUBJECT GUIDE  
1854 through 1984**

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ABSTRACT

An indexed bibliography of the botanical literature of Mississippi is presented. This bibliography is the first attempt to summarize the botanical literature of the state. The 327 botanical references listed and indexed below cover the 130 year period from 1854 through 1984. Botanical publications were included if they met one of the following criteria: were primarily about Mississippi, reported new state records, summarized Mississippi distributional records, or reported original field work conducted within the state. References include information on vascular plants, bryophytes, algae, plant communities, paleobotany, historical records, aquatic plants, endangered species, ferns, fungi, mosses, slime molds, soils, and seagrasses. Special emphasis has been placed on indexing geographic localities and place names.

INTRODUCTION

This bibliography provides the first complete source of references of Mississippi's botanical literature for the period 1854 through 1984. There are comparable bibliographies published on the vegetation of other states (e.g., Florida, Arizona, North Dakota and Tennessee,) which provide access to known source materials. Prior to this, no attempt had been made to summarize and publish a list of Mississippi's botanical literature.

METHODS AND MATERIALS

There are 327 references listed and indexed in this bibliography. Of the 13 decades covered in this project, well over 75 percent of the literature was published between 1954 and 1984. Publications were included if they met one of the following criteria: were primarily about Mississippi, reported new state records, summarized Mississippi distributional records, or reported original field work conducted within the state. References include information on vascular plants, bryophytes, algae, plant communities, aquatic plants, endangered species, ferns, fungi, mosses, slime molds, soils, and seagrasses. Additional efforts were made to include early historical accounts, paleobotany, and various unpublished studies such as theses, dissertations and government reports. No attempt has been made, however, to include environmental impact statements that contain vegetative information on the state.

References on silviculture in Mississippi have for the most part been excluded except for those having historical significance denoting natural vegetation useful for base line studies. The geographic scope of the bibliography covers all of Mississippi including its barrier islands.

References included in the bibliography were selected through manual and electronic literature searches. Pertinent botanical journals were searched manually and cross checked by computer accessing Dissertation Abstracts International and BIOSIS databases. The archives at the libraries of the University of Mississippi and Mississippi State University were searched for theses and dissertations. A collection of the papers presented herein are housed in the library at the Mississippi Museum of Natural Science.

The bibliography is arranged alphabetically by author, followed by three types of indices: taxonomic, author, and subject. The subject indices include: 1) Mississippi Localities Index denoting place names such as parks, streams, islands, forests, counties, physiographic regions, cities and towns, 2) Plant Communities Index, and 3) Subject Index. Special emphasis has been given to geographic locations under the heading Mississippi Localities Index. Place names were derived from the author's title or wording in the text. The taxonomic index lists scientific names and includes common names of selected plants. A county map (Figure 1) and a map of the physiographic regions (Figure 2) of the state have also been included.

This compilation brings together botanical references which are widely scattered and have often been hard to locate. The bibliography is intended to assist botanists, natural resource managers, students, and other scientists by providing access to published information. It also documents localities in the state where previous work has been performed, thus providing a focus for further research.

The bibliography was indexed using the bibliographic software Pro-Cite and formatted using Word Perfect and Glyphix Font Manager on an IBM PC.

#### ACKNOWLEDGEMENTS

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## ADDENDUM

As this bibliography was in the final stages of preparation, two additional references relevant to the botany of Mississippi were discovered. The references are:

MYERS, MERLE WENTWORTH. 1947. Geography of the Mississippi Black Prairie. Ph.D. Thesis. Clark University, Worcester, Massachusetts. 713p.

MONETTE, JOHN WESLEY. [1824-1851]. Papers. Drafts of chapters of a projected six volume work to be called *The Valley of the Mississippi*. Includes chapters relevant to the early vegetation of Mississippi. Original held at the Clements Library, Manuscript Collection, University of Michigan, Ann Arbor. Unpublished manuscript.

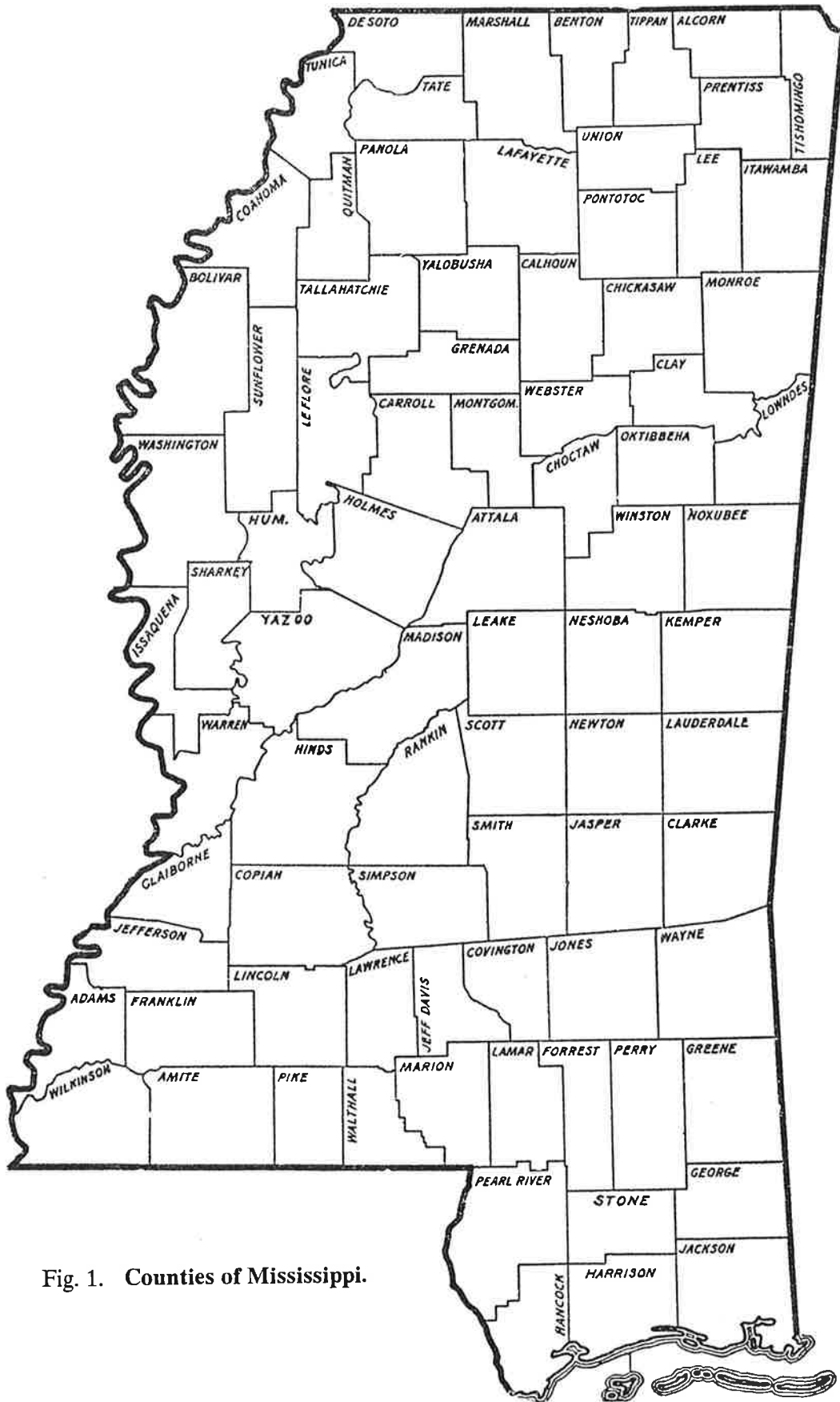


Fig. 1. Counties of Mississippi.

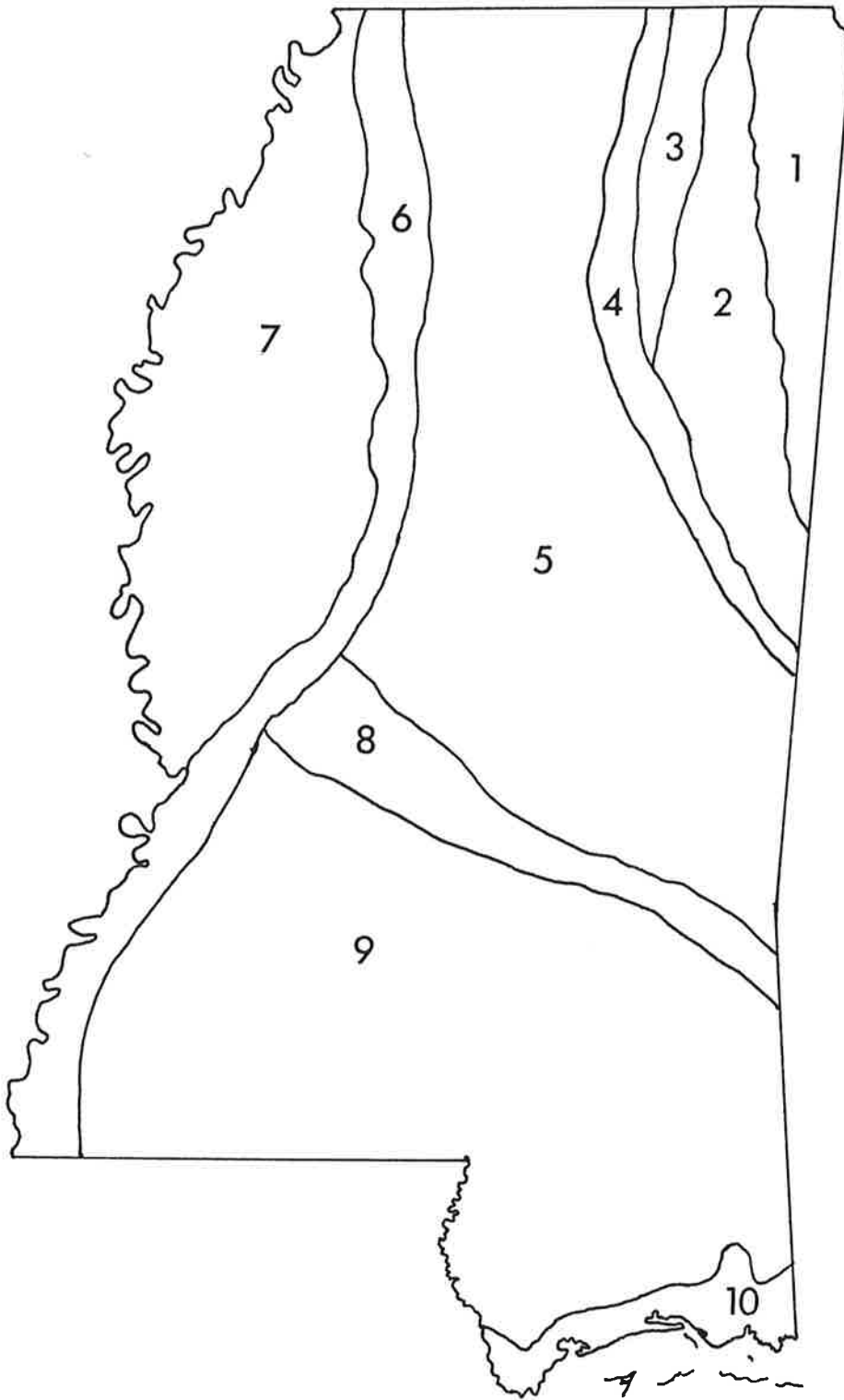


Fig. 2. Physiographic regions of Mississippi as modified from Temple and Pullen, 1968. 1. Tennessee River Hills 2. Northeast Prairie Belt 3. Pontotoc Ridge 4. Flatwoods 5. North Central Plateau 6. Yazoo-Mississippi Delta 7. Jackson Prairie Belt 8. Long Leaf Pine Region 9. Coastal Pine Meadows 10. Coastal Pine Meadows.

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