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THE VASCULAR PLANTS OF TENNESSEE: A TAXONOMIC AND GEOGRAPHIC GUIDE TO THE FLORISTIC LITERATURE

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ABSTRACT

A summary of the Tennessee floristic literature is presented. In general, articles were included if they: 1) were primarily about Tennessee and reported new state and/or county records, or 2) summarized Tennessee distributional records, or 3) provided original baseline field work within the state. Additional efforts were made to include both early historical accounts and various unpublished studies, such as theses and dissertations. Taxonomic and geographic indices are provided to increase the useability of the bibliography.

INTRODUCTION

During the past twenty-five years, there has been a dramatic increase in the number of publications concerned with the distribution of vascular plants in Tennessee. Over 200 documents reporting almost as many new state records have been published since 1960 (Table 1). In the same time period, the Generic Flora of the Southeastern United States Project (Wood, 1983) has completed reviews of 130 families and 475 genera. This project has been instrumental in summarizing important changes in nomenclature and species distributions for Tennessee. During the past decade, a diversity of organizations, both public and private, have stimulated interest in the conservation of rare plants which has resulted in new field work in all parts of the state.

In the absence of a suitable compilation of the state flora, it is most appropriate to have at least a current guide to floristic literature. Interestingly, there have been no previous attempts to summarize the Tennessee floristic literature. Several bibliographies have dealt with the Great Smoky Mountains National Park (White, 1982) and the

Southern Appalachian region (DeYoung *et al.*, 1982; Evans, 1971; Evans *et al.*, 1981; Wofford & White, 1981), but none have addressed the state as a whole. Two shorter bibliographies include a number of Tennessee publications but the emphasis was on the historical (Andre, 1971) and vegetational aspects (Egler, 1961). Corgan (1977) presents a brief summary of technical and scientific journals published in Tennessee prior to 1862.

The purpose of this paper is to summarize the Tennessee floristic literature. Guidelines for the inclusion/exclusion of certain references were developed to complement other primary works. Publications were included if they were: 1) primarily about Tennessee floristics and presented new distributional records, or 2) systematic treatments of taxa primarily distributed in Tennessee (eg. *Leavenworthia*), or 3) ecological studies of places in Tennessee that recorded the occurrence of many woody and herbaceous taxa, or 4) unpublished documents that are basically taxonomic or floristic in nature and concern taxa that occur in Tennessee, or 5) works considered to be noteworthy for Tennessee from a historic point of view.

Several general categories of publications were purposefully excluded from the bibliography. Unpublished notes and letters currently housed at the Great Smoky Mountains National Park were excluded since these have been listed in detail recently (White, 1982). Most systematic revisions were excluded because they are currently being reviewed through the Generic Flora Project. Also, Wofford & White (1981) have recently presented a thorough index to the systematic literature for the Southern Appalachian region.

TABLE 1. A summary of citations by decade

1840 — 2	1920 — 9
1850 — 1	1930 — 49
1860 — 0	1940 — 34
1870 — 5	1950 — 67
1880 — 5	1960 — 59
1890 — 16	1970 — 88
1900 — 7	1980 — 58
1910 — 1	Total 401

MATERIALS AND METHODS

Information for this bibliography was obtained in several ways. Exhaustive manual searches through several pertinent journals (Castanea, J. Tenn. Acad. Sci., Rhodora, Sida) accounted for the great majority of the references. A computer search of the BIOSIS database was quite helpful. Unpublished works such as government reports, private surveys, theses, and dissertations were included when encountered. Several libraries were consulted and are listed in the Acknowledgements. It is unfortunate that many unpublished theses in the George Peabody College for Teachers could not be included in the present bibliography since they are not suitably indexed (M. N. Bryant, pers. comm.).

Taxonomic and geographic keywords are provided to increase the useability of the bibliography. No attempt was made to synonymize scientific names. To make a search for all available information that has been recorded about a certain species in Tennessee, use the following keywords: 1) genus, 2) family, 3) higher group (Pteridophyta, Monocotyledons, or Dicotyledons), 4) Flora of Tennessee, and 5) Checklists. The latter keyword refers to several citations that were primarily extensive lists of species that were too cumbersome to index completely. Geographic keywords were primarily constructed from place names that appear in the titles. A similar stepwise procedure is used for locating citations that deal with certain geographic areas. Use the following keywords: 1) place name (park name, mountain or hill name, river or spring name), 2) county name, and 3) regional name (Cumberland Plateau or Smoky Mountains).

Certain broad keywords have been created in order to lump similar subjects together. They are: Aquatic Plants, Bibliographies, Cedar Glades, Introduced Plants, Rare Plants, and Woody Plants. Two other notable keywords that index only one reference each are: Epiphytes and Floristic Regions.

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