

NOTES ON FERNS OF THE SOUTHERN APPALACHIANS¹

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The discovery of *Pellaea glabella* Mett. ex Kuhn near Morristown, Tennessee, in September, 1935, by Mr. A. Knight of Asheville stimulated the writer to make a search for this species. It was found in the herbarium of the University of Tennessee masquerading under the name, *P. atropurpurea* (Linn.) Link, and had been collected by Mr. J. K. Underwood and the writer at Foster Falls, Marion County, Tennessee, in July, 1934. More recently (September, 1936) it has been found along Maxey's Bluff, Knox County, Tennessee, by Mr. Orville Jones. During the same month two very small plants were noted by the writer on the bluff below Cumberland Falls, Kentucky, where it grew less than twenty-five feet from *Asplenium pinnatifidum* Nutt. It is interesting to note that at both Foster Falls and Cumberland Falls calcareous material was not very apparent.

Ophioglossum Engelmanni Prantl was reported from Knox County, Tennessee, years ago but the station had been lost. In May, 1936, Mr. J. K. Underwood found this fern in a small red cedar glade near Knoxville. It was associated there with *Leavenworthia uniflora* (Mx.) Britt., *Manfreda virginica* (L.) Salisb. and *Opuntia Rafinesquii* Engelm.

During August, 1936, Dr. H. M. Jennison and the writer discovered an additional station for *Trichomanes Petersii* A. Gray in the Great Smoky Mountains. The locality was in Sevier County, Tennessee, which adds a new county to its known range. On April 4, 1937, this same party in company with Dr. L. R. Hesler found two more stations for this fern. One was in Sevier and the other in Blount County, both relatively near previously known stations.

A party from the University of Tennessee in October, 1934, found the Coastal Plain lycopod, *Lycopodium adpressum*, (Chapm.) Lloyd & Underwood, in a bog in Fentress County, Tennessee. This is a considerable extension inland from its previous known range.

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Photograph by Dr. Jesse M. Shaver

Fig. 1. *Lycopodium adpressum* as growing in a marsh in Fentress County, Tennessee. Note the grass trampled by cows.