

3. A very great decrease in the number of seedlings occurred the second season and no seedlings were noted thereafter.

4. The number of seedlings which survived was exceedingly small in comparison with the number produced.

5. The shoots from the parent stumps developed flowers when they were two years of age.

6. The first infection by *Puccinia graminis* was observed when these shoots were three years old.

7. These shoots grew to a height of three and one-half to six and one-half feet during the four growing seasons.

8. The fruits and seeds have probably been disseminated by birds.

DEPAUW UNIVERSITY ARBORETUM

WINONA H. WELCH, DePauw University

For the purpose of establishing an arboretum and a wild plant sanctuary, the Botany Department of DePauw University has recently acquired an area of twenty acres, commonly known as Monon Springs, one-half mile west of Greencastle, Indiana.

The proximity to the campus, the meandering stream, the springs, the various slopes, the lowland and upland, the rock outcrops, the excellent variety of woody and herbaceous plants, and the presence of representatives of all divisions of the plant kingdom—all of these aid in making this plot a splendid out-door laboratory for the botany classes of the University.

The vegetation is representative of a climax association. An unusually large number of species of plants were growing in this particular area at the time of the purchase. Within the last few months 150 trees, a large majority of which are uncommon in this part of Indiana, have been added.

Extensive plans for the development of the DePauw University Arboretum have been made. It is proposed to introduce as many species of plants native to Indiana, both woody and herbaceous, as will grow in the area. It is hoped that eventually the arboretum may become of considerable scientific value to botanists interested in our native flora, as well as serve the classes of the department in field work.

