

Flower of *magnolia macrophylla* cv. 'Sara Gladney' with no. 12 moccasin for size. This is the unspotted form found in parts of Mississippi, Alabama and Georgia.



## New Cultivars in *Magnolia macrophylla*

by J. C. McDaniel

There are two principal flower color forms in *Magnolia macrophylla*, the Big Leaf Magnolia, which accounts for the varying description of its flowers as all white, or white with purple spots inside at least its inner tepals. In most of its widely scattered range between Ohio, Georgia and Louisiana the spotted form is most common, but there are some areas in which the reverse is true.

I observed it as white flowered in Cullman and Winston counties, Alabama, but in other parts of Alabama, the flowers are spotted. Another area with principally unspotted flowers is in the Homochito hills of southwestern Mississippi, and a stretch of country between there and Woodville. In this territory lies Gloster, where Sara and Frank Gladney at the Gloster Arboretum have native woods with many impressive *Magnolia macrophylla* seedling trees growing. Among them, they told me, there was, when they first purchased the tract, only one tree with faint purple marks in its flowers. It was in the right-

### J. C. MCDANIEL WINS HORTICULTURE SOCIETY'S TOP SCIENTIFIC AWARD

Joseph C. McDaniel, assistant professor of Horticulture at the University of Illinois, has been awarded the American Horticultural Society's Scientific Citation. McDaniel was cited for his breeding, propagation, and introduction of many ornamental woody plants.

The presentation was made at the 30th Annual American Horticultural Congress at the Royal Hawaiian Hotel, Honolulu, September 8-13.

McDaniel has made numerous selections of ornamental and edible fruited plants. Among his more than 30 plant introductions are varieties of apple, pecan, walnut, holly, hydrangea, and magnolia.

A native of Harselle, Alabama, McDaniel received his bachelor's degree in horticulture and botany from Auburn University in 1934. He has studied at the University of Tennessee, Ohio State, Michigan State, and Florida State Universities.

Prior to joining the staff at the University of Illinois in 1950, McDaniel worked for the Tennessee Valley Authority, U.S. Soil Conservation Service, Michigan State University, and the Tennessee State Department of Agriculture.

McDaniel is currently president of the American Magnolia Society. He has served as president and secretary of the Northern Nut Grower's Association and as editor of the Pomological Society Journal.

### THE MORRIS ARBORETUM AWARD

Reprinted from The Newsletter of the Morris Arboretum, University of Pennsylvania

Recognition of an individual who has made an outstanding contribution to the Morris Arboretum is being initiated on June 6, 1975, when it confers the Morris Arboretum Award.

The first recipient, and odds-on-choice of the Award Committee, is Dr. John M. Fogg, Jr., Director of the Morris Arboretum from 1959 until his retirement in 1967 and Emeritus Professor of Botany of the University of Pennsylvania.

The award carries no monetary stipend, no gold medal or none of the other trappings often associated with such events. "Jack" Fogg will receive a hand illuminated scroll, citing his accomplishments in the field of Botany, and as a teacher and administrator. Perhaps most significant will be his participation in the planting of a tree in his honor on the grounds of the Morris Arboretum, a place that he loved and where he devoted so many years of his life.

For Dr. Fogg, what could be more appropriate than a Magnolia, since he served so many years as the official International Registry for Magnolia Cultivars. In this case a special hybrid magnolia developed at the Brooklyn Botanic Garden, and obtained through their offices and a generous donation by Tom Dodd, a nurseryman in Alabama, will be planted. This particular tree will be added to the fine collection of magnolias at the Morris, which were a special interest of Dr. Fogg when he was here.

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