

PART I. Operating Divisions

ARBORETUM DEVELOPMENT

The Entranceway Forecourt area, under development since 1960, is the major improvement at the Arboretum during the past two years. The area between the Gateway and Bauer Pool has been re-graded, drains installed and permanent hybrid Bermuda lawns are now well established.

The area immediately north and west of the Bauer Pool has been graded and lawns established. An automatic sprinkler system was installed thus reducing the Gardener's watering time.

By far, the greatest single improvement has been the mature tree moving program initiated a year and a half ago. This program was made possible by constructing an "A-frame" and fitting it to an existing five-ton truck equipped with a winch. During 1963-64 twenty-six large trees were moved from elsewhere on the grounds to the Entranceway Forecourt. Included in this group were: Acacia pendula, Ficus rubiginosa, Tabebuia eximia, Araucaria bidwillii, Chorisia speciosa (2), Pittosporum phylllyraeoides (2), Erythrina poianthes, Populus alba (3), Podocarpus falcata, Jacaranda acutifolia, Melaleuca linariifolia (2), and Prunus blireiana. In addition to the foregoing trees, the Arboretum also was able to acquire a Podocarpus gracilior in a five-foot box, a thirty-year old Erythrina crista-galli and three large Juniperus chinensis cv. 'Torulosa'.

Timely construction of the "A-frame" also allowed the Arboretum to accept a fine collection of five different species of Magnolia and seven large Camellia plants all, approximately fifteen to twenty years old.

During 1964-65 the following trees (46) were moved from various areas on the grounds and planted in the Entranceway areas:

<u>Acacia pendula</u> (2)	<u>Aesculus carnea</u> (1)
<u>Chorisia insignis</u> (2)	<u>Lagerstroemia indica</u> (1)
<u>Erythrina falcata</u> (1)	<u>Melaleuca linariifolia</u> (2)
<u>Erythrina coralloides</u> (3)	<u>Tabebuia chrysotricha</u> (2)
<u>Cassia leptophylla</u> (1)	<u>Metrosideros kermadecensis</u> (1)
<u>Cassia multijuga</u> (1)	<u>Caesalpinia peltophoroides</u> (1)
<u>Cassia excelsa</u> (1)	<u>Ficus fairchildiana</u> (1)
<u>Quercus robur</u> (1)	<u>Ficus macrophylla</u> (1)
<u>Bischofia trifoliata</u> (1)	<u>Quercus laurina</u> (1)
<u>Bauhinia blakeana</u> (1)	<u>Lagerstroemia indica</u> (11)
<u>Cornus macrophylla</u> (1)	<u>Lagerstroemia fauriei</u> (4)
<u>Olea europaea</u> (1)	<u>Chorisia insignis</u> (1)
<u>Ficus sycomorus</u> (1)	<u>Chorisia speciosa</u> (1)
<u>Ficus rubiginosa</u> (1)	

Oak trees (34) of various sizes and species were moved from their former location on Tallac Knoll to just south of the native stand of Engelmann oaks to create an "oak forest" and to have the oak collection all in one area.

Future plans for the Entranceway include replanting of additional tree specimens as well as installation and expansion of existing automatic sprinkler systems.

NURSERY

The primary function of the Nursery is the growing of introduced plant material in various sized containers from the time they leave the Propagating Unit until they are ready to be field planted. The Nursery Unit also is responsible for selecting and transporting plants to field locations and for maintaining an adequate supply of plants for replacement purposes.



Stewart, William S. 1961. "Arboretum development." *Biennial report* 1963-65, 1.

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