

### Special Events, Services, Public Relations

The Department supplies the audio-visual, graphic arts, printed matter, special tour and other requirements associated with the flower shows, lectures, concerts, meetings, and special events held at each facility. It is broadly responsible for the safety, conduct, and requests of the 1.2 million people who visit the three gardens annually. Included in this category are the handling of complaints, documenting accidents, assisting the ill or injured, helping to curtail vandalism, issuing car passes and wheelchairs, issuing mosquito fish (gambusia) from an aquarium filled and maintained by tour guides, issuing brochures and other printed information, providing special tours for senior citizens and other minority groups, setting up audio-visual equipment, maintaining and constructing public signs and looking after the wildlife in each garden, all of which are classified as wildlife sanctuaries.

### EDUCATION

Through its Education Division, the Department continually updates educational programs that are relevant to the public needs in the field of horticulture, botany, gardening, California History and the various areas of nature study and conservation.

Each program utilizes the expertise of staff specialists and the horticultural and botanical resources of the three gardens.

Current programs are:

Youth Education and School Programs

Adult Education Classes

Mini-Courses

Horticultural Information Service

Plant Science Library

Arboretum Historical Museums

Work Experience, Teachers and Volunteers Training

Arbor Day Program

Youth Education and School Programs

The Youth Education Program provides a gardening and nature-related curriculum throughout the year at each of the three gardens. Workshops are provided for children 6 to 14 years of age and are scheduled after school, Saturdays, and during summer vacations.

	<u>1971-72</u>	<u>1972-73</u>	<u>Total</u>
Youth Classes - Three Facilities	68	70	138
Attendance	5,946	5,987	11,933

Adult Education Classes

Day and evening classes for adults are cosponsored by the Department, Pasadena City College, Los Angeles Harbor College, U.C.L.A. and affiliated foundations. They are designed to serve the horticultural interests of the home gardener and those interested in environmental and nature-art subjects. The following classes were offered in this period:

Agricultural Chemicals	California Heritage
Birds and Our Environment	Container Gardening
Bonsai, Advanced	Contemporary Flower Arrangements
Bonsai, Beginning	Down to Earth Art
Bonsai, Intermediate	Environmental Flower Arrangement, Advanced



Flower Arrangements	Orchid Culture
Flower Arrangements, Advanced	Plant Identification
Garden Insects and Diseases	Plant Propagation
Herbs	Poisonous, Medicinal and Edible Plants
Home Gardening	Shade Gardening
Home Gardening, Advanced	Sketching and Painting
Home Gardening, Basics	Taxonomy of Flowering Plants
Home Horticulture	Treasures in Nature
Home Landscape Design	Vegetable Gardening
Japanese Flower Arrangements	

Total Adult Classes for the biennium were:

	<u>1971-72</u>	<u>1972-73</u>	<u>Total</u>
Adult Classes - Three Facilities	35	40	75
Attendance	16,310	23,122	39,432

#### Mini-Courses

The adult education classes offered by this Department have largely been scheduled according to traditional semester periods, the classes meeting, for the most part, during evening hours in accord with standard adult education practices. Attendance at these evening classes has demonstrated that this scheduling should continue. At the same time, it has become clear that there is a sizeable segment of the public that has (1) free hours during the day; and (2) would like to cover a subject in less than the semester period. As a consequence, the California Arboretum Foundation, with the assistance of the Arboretum staff, introduced in the fall of 1972, a series of

mini-courses that would meet for from three to five sessions, three hours per session. A dozen subjects were offered, many at beginning and advanced levels. Public response has substantiated the efforts made to design and prepare these short, intensive courses which are expected to become part of the curricula offered by the Education Division.

Subjects offered were:

Aboriculture I &II	Hanging Baskets
Botany I & II	Holiday Decorations
California History	Plant Diseases
Container Gardening	Plant Physiology
Edible, Poisonous and Medicinal Weeds	Soils, Hydroponics and Fertilizers
Genetics and Plant Breeding	Terrariums

#### Horticultural Information Service

During 1971-73, the Horticultural Consultant, George Spalding, answered nearly 8,000 public inquiries.

	<u>1971-72</u>	<u>1972-73</u>	<u>Total</u>
Telephone Inquiries	3,378	3,608	6,986
In Person	484	470	954
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TOTAL	3,862	4,078	7,940

Mr. Spalding also wrote 93 "Plant of the Week" features for the Pasadena Star News, a column informing citizens of the habits and culture of a specimen plant currently in bloom at the Arboretum and suitable for the homeowners. He prepared an annotated list of



Australian plants used in California landscapes and was a consultant for eight publications of the Time-Life Garden Series. Mr. Spalding's final major contribution to the Department was his authorship of "A History of the Arboretum: The First Twenty-Five Years," written to commemorate the Arboretum's 25th anniversary.

We are saddened to report that Mr. Spalding died on January 12, 1974, at the age of 59. He had been with the Arboretum since its inception in 1948. His extensive knowledge of its history, his expertise in the field, and his helpful nature will truly be missed by the staff and his many friends.

#### Plant Science Reference Library

At the end of this biennium, the library contained 18,305 catalogued books and pamphlets and subscribed to 528 periodicals. Volunteers gave 1,585 hours of assistance in cataloguing old collections, eliminating numerous duplicate books, renovating leather binding, typing index cards, and performing reference work under the direction of the Plant Science Librarian. The library is open weekdays to the public on a reference basis only.

#### Arboretum Historical Museums

A total of 15,285 visitors in 1971-72 and 18,784 in 1972-73 visited the Department's newest historical building, the Santa Anita Depot. Over 90 donors donated 615 artifacts, among them an original E. J. Baldwin gold watch.

### Queen Anne Frolic

On September 24, 1971, the California Arboretum Foundation and its volunteer organization, Las Voluntarias, plus members of the Arboretum staff, the Foundation Board of Trustees, the Board of Governors and the president of the Descanso Gardens Guild, combined to present the "Queen Anne Frolic," on the mall in front of the Queen Anne Cottage. An evening, first-of-its-kind fund-raising party, the event was successful beyond all expectations and netted close to \$5,000, most of which was earmarked for seeds and plants at the Arboretum for the following year. Highlights of the entertainment were rides in horseless carriages, dancing and special tours of the historical buildings.

### Work Experience, Teacher and Training Programs

Consultation was provided for the Instructional Services Division of Los Angeles County Schools in developing a model for In-Service Teacher Training in environmental studies.

The Department also sponsors an "Enrichment Program for Gifted Elementary Students" in which a staff specialist develops a program with a local school teacher providing 15 students with six weeks of work experience on the Arboretum grounds as part of their school curriculum.

A second Work Experience Program provides for training of a number of high school students who work for experience two hours per day, five days per week for one school semester. The students work in the Herbarium, Research, Horticulture or Youth Education sections and are required to write a paper at the end of their service.



In cooperation with the Personnel Administration and the Manpower Development Training Act (MDTA), the Department provides classroom and field training at its three facilities for unemployed persons interested in horticultural pursuits.

#### Arbor Day Program

Past Arbor Day celebrations that have taken place on the grounds of each of the Department's gardens have been replaced by school-centered programs available to all elementary schools in Los Angeles County. The aim of the new program is to reach a greater number of young people than heretofore possible and to involve them more deeply in the basic meanings of Arbor Day: conservation and beautification of the environment. The essence of the program is a handsome, teacher resource kit consisting of directions for tree planting, a 10-inch x 12-inch folder containing a sample school program, and a list of organizations supplying information on ecology and related subjects. In 1973, 60 County school districts took part in the program, 482 schools presenting programs to their students, faculty, parents, and friends. Each participating school received a 6-foot tree grown by the Arboretum, along with the packet of resource material.

SCHOOLS PARTICIPATING IN ARBOR DAY PROGRAM

<u>School District</u>	<u>Number Schools Participating</u>	<u>School District</u>	<u>Number Schools Participating</u>
ABC	18	Long Beach	9
Alhambra	4	Los Angeles	114
Arcadia	10	Los Nietos	3
Azusa	2	Lowell	4
Baldwin Park	3	Lynwood	2
Bassett	3	Manhattan Beach	9
Bellflower	3	Monrovia	3
Beverly Hills	2	Montebello	17
Bonita	2	Norwalk	1
Burbank	3	La Mirada	7
Charter Oak	3	Montclair	2
Claremont	5	Ontario	1
Compton	29	Palos Verdes Peninsula	17
Covina Valley	12	Pasadena	26
Downey	6	Pomona	8
Duarte	6	Redondo Beach	4
East Whittier	3	Rosemead	5
El Monte	3	Rowland	5
El Rancho	4	San Gabriel	4
El Segundo	1	San Marino	1
Garvey	2	Santa Monica	7
Glendale	14	South Pasadena	3
Glendora	9	South Whittier	6
Hacienda-La Puente	5	Temple City	6
Hawthorne	1	Torrance	25
Hermosa Beach	4	Valle Lindo	3
Inglewood	4	Walnut Valley	2
La Canada	4	West Covina	3
Lawndale	9	Whittier	3
Little Lake	5	Wiseburn	3

TOTAL DISTRICTS PARTICIPATING: 60

TOTAL SCHOOLS PARTICIPATING: 482





1961. "Education." *Biennial report 1971-73*, 13-20.

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