The term "grow" is defined in Webster's Third New International Dictionary as that which springs up and ultimately comes to maturity. Given the considerable effort over a number of years to establish a botanic garden in Denver, an effort made by prominent members of the Colorado Forestry and Horticulture Association and other concerned citizens back in the mid to late 40's, the term "springing up" seems inappropriate in this instance. Furthermore, the Gardens as we know them today can hardly be considered mature. More relevant is the second definition which reads, in part: "to increase in size and substance by assimilation of new matter into the living organism". Certainly, since its humble beginnings in City Park back in 1951, the Gardens have increased in size, substance and importance as one of the country's most notable public gardens, a living resource of plant collections for study and enjoyment.

But to simply accumulate plant materials does not alone justify the existence of botanic gardens. Webster, in completing his second definition of the term "grow"—"to advance intellectually"—focuses our attention on the primary purpose of our being. That is to utilize for public education and inspiration the multitude of resources we have assimilated into the Denver Botanic Gardens; our dramatic and extensive buildings, grounds and natural areas; our competent, well-trained staff, and the hundreds of dedicated volunteers who assist them; our substantial plant collections; and the many persons who teach classes, lead field trips, and conduct workshops.

The massive building programs of the previous capital fund drives have permitted us to assemble the finest facility of its kind in the western United States, completing the majority of the Master Plan for the Gardens during this year. Now we see the emphasis shifting from construction to a program development phase. As you read our Annual Report for 1981, you, too, will see the evidence of this change in the interest, nationally and internationally, shown in Denver Botanic Gardens as a place in which to meet and to study. There is also evidence of this shift in emphasis in the area of staff development and particularly in program development.

This is a very exciting time to be associated with Denver Botanic Gardens. Those of you who are directly involved in supporting the Gardens through membership and the resulting participation this encourages, corporate support, and public and private financial assistance, can be very proud of all we have accomplished together. As the Gardens have grown, so, too, have we advanced in our individual appreciation of plants in our lives, educational and recreational opportunities in botany and horticulture and new dimensions of discovery at the Denver Botanic Gardens, from the beauty of stained glass and pottery on exhibit to the enjoyment of chamber music on a warm summer's evening. At Denver Botanic Gardens "Grow With the Gardens" is much more than a catchy slogan. It's a promise!
Our prior year's Annual Report emphasized the Year of Transition with John C. Mitchell stepping aside as President, and Dr. William G. Gamblin Jr., retiring as Director. This year's report deals with accomplishments under new leadership and outlines many achievements, some large, some small, which in sum bear witness to a continuing record of excellence and beginning maturity.

From a management standpoint, Merle M. Moore has brought excellent leadership. He is dedicated, thoughtful, skilled in his field, determined, and a very strong asset. As his comments indicate, development of human resources is an important goal and considerable growth and stability have taken place at many levels. The personnel at our Gardens are a critical resource and it is gratifying to know that we have the best.

We have now also observed the introduction of a gate fee and continuing shrinkage in financial support from the City and County of Denver during a period when our needs expand. Our internal Development Office has really geared up and we are observing the fruits of our efforts which clearly have to be of an ongoing nature.

The Board, staff, and volunteers have been of inestimable help during the year, meeting regularly and carrying out assignments in a thoughtful manner. Five additional gardens were officially dedicated this year, and plans are well under way for the Community Garden Square.

I have had the opportunity to visit numerous other botanic gardens around the world and I truly believe that we have one of the very finest, an activity in which all of Denver can take great pride. Morale is high and the future is bright as we move forward into the 80's. My sincere thanks to all who make this possible.

Richard A. Kirk
President
Having been a member of the Denver Botanic Gardens staff for just a little over three years by the end of 1981, I am gratified to see the master plan for the Gardens' development reach virtual completion. There remain only a few small areas uncommitted to a specific type of use or development at this time. Those of you who have participated over many years more than I in developing this fine facility, can take great pride in the accomplishment represented by Denver Botanic Gardens today. Every member, past and present, has played a significant role in the development process. So, too, have a large number of local corporations, foundations and individuals who share our concern for the quality of life in Denver and Colorado and who expect, demand and support the development of cultural facilities such as ours.

Most exciting about 1981 is that the rewards for all that dedication, hard work and financial support to develop our Denver Botanic Gardens are beginning to be realized in a way and to a degree not so easily evident during the past few years of frenzied construction. The stature of our Garden in the national and international botanic and horticultural community has never been greater. Prince and Princess Hitachi of Japan made time in their busy schedule while in Denver to visit the Gardens and plant a cherry tree in our Japanese Garden, commemorating the occasion. Visitors to our new Rock Alpine Garden have included botanists, horticulturists and others from England, South Africa, Russia, Holland and Israel. Besides interested and interesting visitors to the Gardens, we have been honored to have Dr. K. H. Shing, from the Academia Sinica in Peiking, as a visiting professor, assisting us in the Herbarium. Dr. Shing's quiet and unassuming style belies his prominence as China's foremost researcher in fern taxonomy.

The American Rose Society chose the Gardens as the site of the 1981 National Convention, their members being among the first to enjoy the newly-constructed May Bonfils Stanton Rose Garden. An autumn meeting of Community Garden Coordinators from all over the United States was held at the Gardens under joint sponsorship of Denver Botanic Gardens and the American Community Gardening Association in which John Brett of our staff is a regional officer.

While the national and international scope of the Gardens' outreach is notable, even more significant is the spirit of cooperation which exists between the Gardens and numerous local organizations. Providing space for their regular meetings: co-hosting shows, sales and exhibits; developing jointly-sponsored classes, workshops, field trips and tours—all of these cooperative ventures benefit the organizations involved as well as the Gardens. Because many of these activities occur outside the notice of the majority of our members who are not directly affiliated with one or more of the organizations, a list of the cooperating organizations may be of interest to all receiving this report.

All America Rose Selections Test Garden
American Gladiolus Society Test and Display Garden
American Iris Society
American Rose Society Miniature Test Garden
Colorado Cactus and Succulent Society
Colorado Federation of Garden Clubs
Colorado Mycological Society
Colorado Native Plant Society
Colorado Nurserymen's Association
Colorado Potters Guild Exhibition
Colorado Watercolor Society Show and Sale

Dahlia Society
Denver Artists Guild
Denver Bonsai Club
Denver New Opera Company
Denver Orchid Society
Denver Rose Society
Glass Artists Fellowship Show
Gloxinias Gesneriad Growers
Hi-Country Bromeliad Society
Ikebana International
Rocky Mountain African Violet Council
Rocky Mountain Chapter of American Rock Garden Society

In addition to those groups listed above, there are four affiliated organizations with- out whose support and involvement the Gardens could not continue to grow and develop. They are:

Around the Seasons Club
Associates of Denver Botanic Gardens
Denver Botanic Gardens Guild
Garden Club of Denver
Another important area in which changes occur and events take place often not highly visible to our members is the area of staff development. The promotion of Andrew Pierce to Assistant Director was a notable exception to that statement as the event was recorded in some detail in the summer issue of The Green Thumb.

Susan Praetz, a gardener on the outside grounds crew, was promoted from Gardener by examination for the North American Certificate in Gardening administered by the American Association for Botanic Gardens and Arboreta. We are very proud of her accomplishment as well as that of David Savory, a Utility Worker on our staff at that time, and Sandra Baldwin, a summer college intern, both of whom also passed the exam.

Alan Rumpfes, in the Maintenance Department, was promoted from Maintenance Mechanic to Maintenance Repairman I. Alan has worked very hard to increase his maintenance skills, combining on-the-job training with evening courses taken at Opportunity School. It is always rewarding to me to see employees gain the skills needed to assume greater responsibilities within the Gardens' staff structure. Andrew, Susan and Alan are to be commended on their dedication and preparation which have led to their respective promotions.

Carrying out the many responsibilities of their varied positions at the Gardens has involved a number of our staff in regional and national conferences and workshops. It is gratifying and encouraging to me that our Board of Trustees recognize the important benefits to be gained by staff members traveling to other gardens and participating in affiliated organization meetings. That they allow funding in our budget each year for this purpose is a credit to their foresightedness. Mr. Joe O'Hara, Manager of Parks and Recreation, must also be recognized for supporting this important aspect of staff development by allowing administrative leave for employees attending such meetings.

If we are to maintain our credibility as one of this country's major botanical/horticultural institutions, it is imperative that we be represented at national and regional meetings of significance to the work we are doing at Denver Botanic Gardens. A number of our staff currently serve or have previously served on important committees, boards of directors and executive committees of such recognized organizations as the National Plant Sciences Data Center; the National Council for Therapy and Rehabilitation Through Horticulture; Council on Botanical and Horticultural Libraries; American Rock Garden Society; and the Plant Propagators Society. Through active participation in these organizations, our staff members broaden their own knowledge base in the particular area of their specialization; establish contacts with other knowledgeable professionals in the field; and often arrange for the exchange of information, seeds and plants between institutions. In no instance was this more evident than when Panayoti Callis, Rock Alpine Garden Curator, attended the 5th International Rock Garden Conference in England in May. Not only did Panayoti make a number of important contacts for the future exchange of plants and seeds, but he brought back with him some very special plants that are now growing in our Rock Alpine Garden. After describing the Rock Alpine Garden at Denver Botanic Gardens and the bounty of alpine wildflowers in our nearby mountains, it appears he has also "sown" a seed that may result in the next International Rock Garden meeting being held at the Denver Botanic Gardens in 1986.

Some innovative new approaches to program development at the Botanic Gardens in 1981 are evident. More emphasis has been placed on utilizing the many unique features that comprise our Gardens. A group of volunteer guides have been trained to interpret the extensive plantings throughout the outside grounds as well as the Conservatory. The Touching Place on the Conservatory balcony has become a special corner where our visitors, especially the young ones, are encouraged to experience the fascinating visual, tactile, and olfactory characteristics of plants prior to touring the Conservatory. Thanks to the creative design work of Angela Overy, the talented carpentry of A.J. Tripp-Addison of our maintenance staff, Larry Latta's effective interpretive labeling and the greenhouse crew's cultivating sufficient back-up plants to periodically replace the tired, over-pinched, over-sniffed display plants, The Touching Place is a real hit with our visitors.

Another highly productive team-teaching effort resulted when Heidi Fine and Larry Latta brought together J. Geisley, an Orientation and Mobility Specialist, Andrea Singewald, Occupational Therapists from SEMICS Sullivan Schools, and Don Weber, a trainee in our greenhouse program, to instruct a select group of guides in providing tours of the Conservatory for visually impaired persons. The tours, referred to as the "VIP Program," are arranged through our regular guiding program handled by Margaret Wallace, Education Coordinator.
“Challenge the 80’s” was the direction of the Development Office as Denver Botanic Gardens initiated the first annual appeal program in its history during the latter part of 1980. During 1981 the challenge reached out to a larger group of potential supporters—individuals, foundations, and corporations—in addition to our members who responded with great generosity, contributing $86,711 in unrestricted funds greatly needed in light of budget cuts.

Recognizing additional budget cutbacks, the Gardens established the Four Seasons Corporate Affiliates to stimulate business and corporate support. These programs have included some of Denver’s and Colorado’s most respected and involved civic leaders, so the Gardens continues its broad program of service: Education, Research and Recreation. **Best interpreted as “re-creation” of interest, general understanding and broader appreciation of plants in the human environment. We appreciate the unrestricted support as you make the commitment to Denver Botanic Gardens.**

The Gardens experienced an accelerated pattern of growth with the capital campaign “To Fulfill A Promise,” begun in June 1977. While officially concluded in December 1978, during the years of 1979, 1980 and 1981 several major contributions were added. Original contributions made as pledges have been collected during the years 1979 through 1981. As of December 31, 1981, $1,947,999.12 have been paid to the Gardens, leaving just $2,000 outstanding.

Additional funding from the Gates Foundation and Denver Botanic Gardens Guild allowed completion of the Lewisia area and rock wall around the Alpine House in the Rock Alpine Garden. An additional supplementary grant from the Coors Foundation completed the Scripture Garden with its authentic biblical plant material and bronze mosaic. Display cases in Marnie’s Pavilion were made possible by the Crestmoor Garden Club.

Community Garden Square, an ongoing development program, received additional support from the First of Denver for a picnic area in accord with the original Master Plan. This Master Plan, though not new to the Gardens, includes additional vegetable garden plots, for which requests have far exceeded the available space, and also the Horticultural Demonstration Center with its indoor workshop/solar greenhouse and demonstration garden. The Pauline A. and George R. Morrison Charitable Trust has awarded a very generous grant for the Horticultural Demonstration Center, truly a gift in keeping with the concept of sharing the Gardens as an educational tool with people of all ages—a place where plants and people grow.

Chatfield Arboretum received financial support with the Associates providing operational funds and the salary for the superintendent of the Arboretum. Additional funds were received from Mission Viejo Company and John-Marvile Fund, Inc. The Gardens also was fortunate this year to receive Federal funding through the Institute of Museum Services for staff salaries in three critical positions.

With vocational education a proven approach to learning, an opportunity for students to gain valuable first-hand experience in botanic garden operations and management is provided by the college intern 10-week program, and the Gardens benefit from the highly motivated, young, enthusiastic and eager to learn interns. The grants from the Associates, Denver Botanic Gardens Guild and the Mary Anne and Martin J. O’Fallon Trust provided adequate funding for three interns. A grant from the Denver Foundation provided a 6-month internship in horticultural therapy in conjunction with the Community Garden Program. Grants from the Denver Kiwanis Foundation for hearing impaired students and from the Around the Seasons Club established three high school internships during 1981.

In accordance with the Master Plan, two new important features were developed.

The redesigning and development of the Rose Garden received full financial support from the Bonfils-Stanton Foundation with an additional gift from the Associates to the Endowment Fund to finance a fourth intern from the accrued internship program. The development is the “teaching collection” along the south side of the Gardens funded by the Helen K. and Arthur E. Johnson Foundation. This collection will feature plant material—spring blooming with fall fruiting—to especially attract birds to the home landscape. The Garden Club of Denver has continued its financial and maintenance support of the Home Demonstration Garden.

Public visibility of the Gardens was considerably strengthened during the year as evidenced by the increase of memberships, matching gifts, gifts in kind, public spirited citizens and organizations reaching out to the Gardens with increased media coverage and a busy schedule of community events.

The intensity of activity and interpretive value of the outside grounds becomes more apparent each year. In 1981, development proceeded as two new gardens were initiated and progress of existing ones continued.

Through the generosity of the Bonfils Stanton Foundation and the design of Herbert Schaad, EDAW, Inc., the rose garden was implemented. Sunken areas surrounded by raised planters and overhead laths house garden beds of both fragrant, floribundas, climbers, miniatures, shrubs and species roses. Dr. William Campbell of High Country Rosarium has been instrumental in providing most shrub varieties.

More recently, ground breaking occurred for the Cutting Garden. Consisting of 24 redwood framed beds, this area will provide plant materials most suitable for cutting and drying. Around the Seasons Club will assume primary responsibility for its use and upkeep.

Gloria Falkenberg
Director of Development

The press, radio and television gave considerable attention to the achievements and special events at the Gardens and also reported supportively on how the Gardens is coping with its financial problems. These are donations that are invaluable. All contributors are listed as benefactors later in this report.

A clear indication of strong public interest in the goals of the Gardens causes us to be optimistic that our efforts to strengthen our funding base will continue to succeed. And most important, it is imperative that we obtain additional endowment and continued regular support.

To you, the Community, we would like to offer our sincere gratitude for support during 1981, both through your contributions and your encouragement. With your support, the year was truly, by any standards, a very successful year.
Progress has moved steadily in the Scripture Garden. The praise plaque mounted on a black monzonite stone, a gift of Mrs. Joseph Coors, was placed in the southwest corner. This garden is limited to plants with scriptural reference, and throughout the year plants have been made to locate such species. Those plants that are hardy such as quince, mulberry and English ivy, are permanent features. Those that are not hardy are set outside in the spring and placed in the greenhouse in the fall. Such plants needing winter protection are pomegranate, date palm and myrtle.

The Japanese Garden, Shofu En, is also moving toward completion with the addition of the wisteria arbor. As growth occurs, the artistry in this garden becomes more evident. Spring and fall colors were glorious this year.

The Home Demonstration Garden is also moving out of its developmental state. Of interest are numerous architectural and landscaping ideas as well as new plant species such as the double white flowering Bauman’s hackestnut and tri dent maple.

A less dramatic, but nonetheless highly active area this year, was the Demonstration Vegetable Garden. After the boundaries were extended, vegetable growing started in hot frames by late winter and continued with an intense succession cropping into the fall. Included was an ongoing compost. Both the hot frame and compost bins became permanent features this year.

Unique to the gardens in the past two years is the development of berms designed and planted for minimal water and maintenance. Two were planted in 1981. Featuring a gray and green color scheme, large quantities of wild flowers and rock garden plants are used in conjunction with some of Colorado’s most attract natives.

As the grounds develop, wise use of space becomes more critical. North of the Lobby Court, a 600 square foot display bed has been converted to an outside eating area for the Denver Botanic Gardens’ staff. Sharing expenses with the gardens, Valley Block of Loveland, Colorado, has furnished brick pavers as well as initial help with installation.

Another small space of interest is the development of the south end of the large parking lot between Josephine and York Streets. An intimate path meanders through the fir trees and leads to exotic plant material such as sourwood, and red flowering dogwood.

The north south pathway, often called Linden Allé, also underwent alterations. The south center bed has been redesigned to incorporate trees and groundcovers under trickle irrigation. Adjacent to this are the annual display beds maintained with overhead sprays.

As the outside grounds provide facility for the trial use of many plants, introductions of exotics and natives have occurred throughout the gardens. An area north of the Home Demonstration Garden has been planted with shrubs uncommon to this area with a three year evaluation program established. Hybrid holleys from Conard-Pyle of West Grove, Pennsylvania, and selections of ash and flowering crabapples from Amfac Cole Nurseries of Circleville, Ohio, are being observed for their performance in the Denver area. Paramount to this is our own curiosity about the performance of Rocky Mountain natives that are selectivity being placed throughout the gardens.

Wherever undeveloped areas exist, attempts have been made to protect and improve barren soil. Green manure crops have been seeded in areas where development is imminent, such as the Plains Garden. Other sites have been planted with wildflower mixes supplied by Applewood Seed Co., and one section has been divided into blocks for observation of a variety of cover crops.

Ongoing activities in the outside gardens are verification, identification and labeling of plants; preparation of educational publications; improvement of plant collections and designs; and floral displays. A generous contribution from Evergreens Half Acre, Inc. has extended our bulb displays to areas not previously included.

In retrospect, much has been accomplished in 1981. The dynamics of the Gardens unfold, a strong momentum continues.

Gayle Weinstein
Botanist/Horticulturist

Community Gardens

Rock Alpine Garden

With the opening of the last section of the former children’s garden we are garden- ing to capacity—about 250 gardeners. As has been the case throughout the 5-year history of the community garden program, demand far outstripped our capacity to accommodate everyone. It would seem that community gardening (urban agriculture) is more than just a passing fad and could well become a very important resource for the ever increasing numbers of urban dwellers. With the success of the program and the obvious demand as testament to the need for gardens places the Board voted to allow conversion of the vacant lot on the corner of 11th Avenue and Gaylord Street to a community garden to be ready for use by spring 1982.

The American Community Gardening Association and Denver Botanic Gardens sponsored a conference in November attended by community garden organizers from around the country. Discussions considered permanent sites for community gardens, continued sources of funding, adequate community involvement, network- ing of existing programs and consulting on new projects.

As in 1980, continued support from the Denver Foundation allowed us to sponsor an intern in horticultural therapy, an adjunctive form of therapy in which plants and related materials are used as therapy tools. It is an exciting concept that the Gardens is making a major commitment to, not only by accepting interns on a yearly basis but also by planning soon to build a horticultural therapy demonstration garden and training center.

Lynn Harboeck, our 1981 intern had the responsibility to design and execute a workshop on some aspect of horticultural therapy. This year’s workshop, ”Horticulture: Its Therapeutic Value In Psychiatric Treatment,” was attended by about 30 people from widely varying backgrounds and featured Monet Delafield of St. Agnes Hospital, Philadelphia, who has done much pioneering work in the field. The workshop served as an introduction to horticultural therapy for the participants and also generated interest in the concept by the therapeutic community.

John Brett
Coordinator

With the completion of construction of the remaining undeveloped areas around the Alpine House and the installation of a dry stream bed in the upper and lower meadows, the Rock Alpine Garden’s focus has shifted to the plant materials used. New plants for the garden are gathered from a variety of sources. Approximately half of the plants are from seed obtained through Index Seminum seed exchanges with other botanical institutions worldwide. This year we received many plants from a rock gardening community with donations coming from as far away as the Czechoslovakia, England and both coasts of the United States. Some plants were obtained from nurseries both national and international.

Some of our most interesting plants were acquired by the Curator while attending the International Rock Plant Conference in England. Among these is a collection of alpine house plants from the Royal Botanic Gardens at Kew, England. Another collection of exotic plants was obtained on a collecting expedition through northern Mexico undertaken by Panayoti Callas with Professor Espenius F. Paul Martin of Boulder and Baldassare Mineo of Siskiyou Rare Plant Nursery, Medford, Oregon. On this same trip 130 herbarium specimens were collected and later deposited in the Kathlyn Kalmbach Herbarium.

The sizable task of pressing herbarium specimens of plants blooming in the Rock Alpine Garden was begun. Along with keeping a weekly log of bloom within the Garden, Associate Evelyn Morrow prepared over 150 herbarium specimens. She has also designed several exhibits for the display case in the Alpine House to be shown during 1982, as well as obtaining financial support for the project.

Sandra Snyder assumed responsibility for another exciting project—the collection of seed from both the Rock Alpine Garden and the wild for Denver Botanic Gardens’ contribution to Index Seminum.

Panayoti Callas
Curator
One of the main purposes of a Botanic Garden is to provide a living collection of exotic and native plants for public enjoyment and education. Education takes many forms; it may be a labeled plant collection, classes designed to teach the public more about plants and how to grow them, printed material on plant culture or plant lists, or the introduction of plant material.

As with many things, the final product is a compilation of several parts. At a botanic garden the records department is one of the important, but little known, parts of the whole. Much behind the scenes work—labels, informational handouts, plant lists or statistical information on collections—must be done before the finished product is realized. Equally as important is the basic fact that a botanic garden needs to know just what plant material it has.

Pertinent data on each plant or group of plants that is received as a part of the permanent collection is entered into an accession book. Each entry receives an accession number (first two digits indicate year received). This number remains with the plant throughout its existence. For each entry the following information is required: scientific name and author, plant family, common name, area of the world in which the plant grows naturally, source of the plant material, how the material was received, the amount received and the specific location of the plant at the gardens.

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The first five items must be verified before any record card or label can be made or any list compiled. In addition to the general information on the plant other data can also be recorded during the life of the plant. This information could include such items as genetic data, collection information, propagation procedures, flower, fruit and foliage characteristics, cultural requirements as to light, water and soil, maintenance procedures as fertilizer and pesticide applications and pruning dates.

More plant material is received each year than most people realize. For the years 1978 through 1979 the average number of accession book entries was 2,500. For 1980 the number increased to 3,300. The 1981 figure was 2,800. Included in these totals are items such as seeds, cuttings and small plants that go into the propagation section. The date they are added permanently into the collections is not necessarily the year they were received.
From this information in the accession book a record card is typed for each entry. The original remains with the records department. Written information is passed on to the various departments about the newly acquired plant material. A copy of the record card is submitted to Plant Sciences Data Center (PSDC) for inclusion in our file. PSDC produces products and services for the horticultural community. They maintain a computerized collection of information on plants in cultivation at the major gardens and arboreta in the United States and Canada.

There are certain problems and delays in dealing with a service bureau. The Denver Botanic Gardens is now investigating the possibility of obtaining an in-house computer. A technical feasibility study has been completed by the Laboratory for Information Science in Agriculture. This report presents the general specifications and costs for development of a Denver Botanic Gardens plant records information system.

Once a year an inventory is made of all plant material. Additions, deletions and corrections are made. File cards, plant lists etc. are updated at this time. The collections in the conservatory/greenhouse complex number about 5,000 taxa. Out on the grounds the figure is around 4,500 with a large part of this number occurring in the Rock Alpine Garden.

The work is never ending for the records department. New plant material is constantly arriving, researching plant names goes on, updating files and dispensing information in the form of labels or printed matter continues.

Beverly Nilsen

Botanic—Horticulturist

1981 was an outstanding year for the Mycology Laboratory in many ways. For the first time in the 15 years the Mycology Research Fund has existed, a generous contribution by Mrs. George (Pauline) Morrison has allowed us to purchase more equipment and hire more part time help than was possible in the past.

With the increased support of the new Director we were able to purchase two new herbarium cases and hire more part time help in labeling and indexing specimens. Our goal is to build the Mycology Fund to an amount that will assure the continued operation of the laboratory and preservation of the herbarium after Dr. Mitchel retires and can no longer contribute the funds necessary for this task.

The weather, too, was the best in years for fungi. Despite the lowest snow pack in many years which made for poor collecting of the snowbank flora, summer 1981 was ideal for mushrooms and other fungi. The afternoon showers in the mountains continued through July and the first two weeks of August so that there was a longer fruiting season and we were able to add more than 1,500 specimens to the herbarium, with each specimen requiring about 2 hours of work to label, photograph, describe, study microscopically, and index.

Dr. Mitchel spent two weeks in the Flathead Lake-Glacier National Park area collecting myxomycetes, and another week on the Olympic Peninsula in Washington at the North American Mycological Association forsy at Port Townsend. Having served six consecutive three-year terms as trustee for the Rocky Mountain Region, Dr. Mitchel resigned from the NAMA board this year but is still active on the Toxicology Committee.

As part of the toxicology work, Dr. Mitchel has helped update the mushroom poisoning booklets published for the southeastern United States and the Pacific Northwest. He has been consulted by telephone in cases of mushroom poisoning in six states from Michigan to California and has continued to update the mushroom section in Poisoner, the microfiche poison management system used by many poison centers and hospital emergency rooms in the United States and Canada.

Dr. Mitchel has also identified mushrooms suspected of being hallucinogenic for both the Denver Police and the Federal Narcotic Agents and has testified in court on cases involving the shipment of these mushrooms into the state.

Shirley Chapman, Assistant Curator of Mycology, collected myxomycetes and gas-tronomecetes (puffballs) in New Mexico and brought back bark of trees, yucca and cactus for growing myxomycetes in moist chambers—something we have been able to add to our activities since we have had more funding.

Vera Evenson has continued to work with Dr. Alexander H. Smith, Emeritus Professor of Mycology at the University of Michigan, on the genus Hebeloma. They plan to publish a major work on the subgenus Hebeloma in 1982 which will be incorporated into a monograph of the entire genus, hopefully, in 1983.

Exchange of specimens with other herbaria has continued. One exchange with Nannenga-Bremekamp in the Netherlands gave us 80 myxomycetes from Europe to study and compare with our local flora.

Dr. Mitchel and Shirley Chapman spent the last week of the year with Gary Lincoff, President of NAMA, at the New York Botanical Garden studying the myxomycetes collection, especially those from the Rocky Mountains, in that herbarium. This is the last major herbarium in the country having appreciable numbers of Colorado collection, and this study, when finished, should complete the annotated list of Colorado myxomycetes.

D. H. Mitchel, M.D.
Honorary Curator

Kathryn Kalmbach Herbarium continues to provide a variety of services to the public.

An increasing number of people come to the Herbarium for help in the identification of flowering plants, a service provided by the Herbarium Committee, all well-qualified volunteers. High school biology classes, including a class from Douglas County, visited the Herbarium to learn what a herbarium is and how it functions.

Kathryn Kalmbach Herbarium identifies plants for the Museum of Natural History, and this year provided many hours of help to employees of the Denver Water Department who were making a study of plants near Water Department projects and needed help with plant identification, particularly with grasses.

The display balcony, open 9-5 daily, maintains exhibits of interest to the general public. During the summer months the most popular feature is an exhibit of fresh plant material, mostly native wildflowers, correctly named and grouped by families. This exhibit has become a valuable aid to many in plant identification.
The herbarium proper has always been open to the public from 9:30 Tuesday, and at other times by appointment. Starting in December, the herbarium added Thursday hours from 10 a.m. to 2 p.m.

The herbarium collection continues to grow in size, gifts of private collections and from collections by Herbarium Committee members. Specimens of orchids growing in the Denver Botanic Garden greenhouses are being added to the orchid collection. A collection of plants from the Idaho Penitentiary is nearly ready to be filed, and a collection from Chatfield Arboretum is being filed.

A color-code system has been adopted to readily identify the genus folders by content and make the herbarium easier to use.

A poster to publicize Kathryn Kalmbach Herbarium and direct the public to the display balcony has been prepared and will be displayed in the lobby whenever an exhibit is available.

Helen M. Zeiner
Honorary Curator

The year 1981 saw great progress on the development of the Chatfield Arboretum, and more money was spent on its development than in all previous years combined. The accomplishments have set a sound foundation for the ultimate form of the Arboretum.

The first major construction at the Arboretum took place with the remodeling of the old Deer Creek Schoolhouse to serve as the Visitors' Center, and the installation of an irrigation pump and about 9,700 feet of underground water distribution lines. These projects were completed and partially paid for under the Land and Water Conservation Fund and through the State of Colorado. The total cost of these two projects, including architect's and engineer's fees, was about $140,000.

Sam Huddleston and Associates completed a Planting Plan for Phases I and II of the Arboretum Master Plan. Developed after much work with the Chatfield Horticultural Advisory Subcommittee, this plan provides detailed planting information for the area between the entry road on the east to Deer Creek on the west. This was accomplished only after delays caused by construction of inaccurate aerial maps and surveys. A grid system was laid out which will be the foundation for dividing the Arboretum into 100' x 200' sections, enabling every plant and feature to be accurately recorded.

Charlie Paxton became, on June 1, the first full-time resident Chatfield Arboretum Grounds Superintendent. Charlie has accomplished a great deal in the way of maintenance and clean-up, building security, and generally bringing the Arboretum dream closer to reality.

Sam Huddleston began initial planning on the Kim Sterne Survival Garden. Dr. Moras Shubert outlined the purpose as being to provide information on survival by the use of plant materials for food, fire, and shelter, and the environments in which those plant materials can be found. The area designated by the Committee is the grove of mature trees west of the Green Farm house on the south side of Deer Creek. A memorial fund in Kim's name was established several years ago by the Sterne family to provide completion of the garden and contributions were received during this year, at the suggestion of the family, in memory of Kim's grandmother, Mrs. Frederic H. Sterne.

During the year a variety of tools and machines were acquired with funds contributed by the Associates, including a backhoe with front end loader and a used dump truck. Other contributions received were a $3,000 grant, spread over three years, by Mission Viejo, two loads of topsoil rock delivered as a gift by Western Paving Company, and continuing support from John-Manville Fund, Inc.

A great loss to the Arboretum and to the Botanic Gardens was the resignation of Batsy Tracy from the Committee when she and her family moved to California. A helpful and bright worker for the Arboretum, she had organized several successful Boy Scout clean-up efforts at the Arboretum.


A free film and slide series was shown on the second Saturday of each month with an average attendance of 25. Lectures were also an important part of the Education Program. In January, Lucian Long spoke to a large group in John C. Mitchell on "New Zealand Flora and Other Surprises". A lecture from the Smithsonian Institution, George Russell, talked on "Travels in Brazil", and the Annual Carl Tempel Lecture featured Pasaytou Callas who showed slides on "Colorado Wildflowers—Native and Semi-Native". Other programs on the Director's Invited Lecture Series included: Richard Hildreth, Director of the State Arboretum of Utah in Salt Lake City, "Origin and Development of Landscape Plants"; Alan Paterson, Director of Chelsea Physic Garden is London, "Chelsea Physic Garden"; Mona Dwork, Supervising Director of Horticulture Therapy for Friends Hospital of Philadelphia, "Horticultural Therapy in a Private Psychiatric Hospital"; and Roger Walsch, a member of the English Department of the University of Nebraska, "Humor on the Frontier". An all day workshop in horticultural therapy was scheduled in connection with Ms. Dwork's visit.

Though progress on the Arboretum in 1981 was great, little is visible—a cleaner appearance, perhaps, and a shelter over the irrigation pump, but the importance and value of 1981's activity will be apparent for the life of the Arboretum.

Newell M. Grant, Chairman
Chatfield Arboretum Committee

Education

Chatfield Arboretum

Other displays include seed pods and evergreens during the winter months and other exhibits of general interest such as lichens, old private herbaria, photographs of wildflowers, water color drawings and other subjects of interest to the public.

The herbarium proper has always been open to the public from 9:30 Tuesday, and at other times by appointment. Starting in December, the herbarium added Thursday hours from 10 a.m. to 2 p.m.

The herbarium collection continues to grow in size, gifts of private collections and from collections by Herbarium Committee members. Specimens of orchids growing in the Denver Botanic Garden greenhouses are being added to the orchid collection. A collection of plants from the Idaho Penitentiary is nearly ready to be filed, and a collection from Chatfield Arboretum is being filed.

A color-code system has been adopted to readily identify the genus folders by content and make the herbarium easier to use.

A poster to publicize Kathryn Kalmbach Herbarium and direct the public to the display balcony has been prepared and will be displayed in the lobby whenever an exhibit is available.

Helen M. Zeiner
Honorary Curator

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Volunteers continued their service to the community by providing regularly scheduled tours of the Conservatory. In 1981, 4,237 people availed themselves of the service. A new outreach opportunity to the teachers of the lower elementary grades is being prepared by the volunteers. A large kit containing various slides, handouts on objects, and a teacher's guide for its use will be available on a free loan basis to any teacher who wishes to use it in the classroom. Classes have also been offered to prepare guides to lead tours of the Conservatory for the visually impaired. For the first time this year training classes were held for those who wished to serve as guides in the outside gardens. The response was most gratifying and their services were in much demand.

Four college interns were selected from many applicants for the 10-week summer internship program. Those chosen worked in a variety of areas with all levels of staff.

The interns were Sandra Baldwin, Community College of Denver; Suzanne Lippolis, University of Colorado; Tamara Nauman, Colorado State University; and Kaley Palmer, University of Colorado. Joel Kaplan, a hearing-impaired student, returned for his second summer at the Gardens.

Margaret Wallace
Education Director

During 1981, 874 books were added to the library collection. All books were gifts if one considers the book sale profit money as a gift to the library from the volunteers participating in the Used Book Sale. Other donations included the monthly stipends from the Associates of Denver Botanic Gardens and the Tremont Foundation, gifts from Applewood Seed Company, Mr. and Mrs. J. Clark Cox, Cherry Hills Heights Garden Club, Colorado Cactus and Succulent Society, Dr. and Mrs. T. Paul Maslin, and memorials from the friends and relatives of Winifred Egan, Ruth Christie and Norman Patrick.

With funds donated by the Associates a security system for the library was purchased and installed in mid-October. It is hoped that the losses by theft will be reduced by 95 percent, an average reduction in libraries where these systems are in effect.

The 2,681 hours worked by the library volunteers guaranteed the success of the book sale as well as the accomplishment of numerous, varied tasks on a daily basis in the library.

The 1981 circulation of 5,245 books, highest recorded since 1977, reflects the increased use by the larger membership and their awareness of the riches of the library.

For the first time, slides have been circulated. Patrons wishing to borrow transparencies select from the alphabetized list and from the slides. The same rules apply to the circulation of slides as to pamphlets and books.

The books listed below represent the most outstanding accessions during 1981. It is important to note that these titles reflect the support of the library for staff activities and for Gardens development.

The Genus Primula by William Wright.
Orchidacearum Genera and Species by Fritz Kraenzlin.
Orchidacea von New Guinea, Colombia etc. by R. Schlechter. 5 volumes.
Gray Herbarium Index. 12 volumes.
Notes of a Botanist on the Amazon and the Andes by Richard Spruce.
Vascular Plants of Continental Northwest Territories by All Erling Porsild.
A Flora of New Mexico by William C. Martin and Charles R. Hutchins.
Collectors' Alpines by Rayton R. Heath.
Flora of Mozambique. 13 volumes.
Flora Palaestina. 6 volumes.
Manual of Cultivated Orchid Species by Helmut Bechtel.
Illustrated Flora of Korea by C. P. Lee.

The library collection is being developed not only to increase phytogeographical holdings, but to support the educational programs at Denver Botanic Gardens. Thus lists of all published materials on horticultural therapy, community gardens, orchid and bromeliad literature, tropical trees, alpine plants, and rock gardens are made available. Periodicals focusing on these subjects have also been added. All teachers offering courses at Denver Botanic Gardens have the opportunity to request bibliographies as well as book displays to enhance their presentations.

Also noteworthy was the acquisition of the library from the estate of Mr. and Mrs. Lorenzo L. Johnson, owners of the Wheat Ridge Nursery. The Johnsons were book collectors, not only of gardening titles but also of well illustrated children's books, history, biography and religion. All of the horticultural titles are being checked against the titles already owned by the library. Duplicates and all other titles will be sold in the 1982 used book sale.

The librarian attended the annual conference of the Council on Botanical and Horticultural Libraries in San Francisco. Ms. Gignac was elected to the governing board of this group. As a member of the Central Colorado Library System, the library participates in the courier service allowing patrons to return Helen Fowler Library books to most of the public libraries in the greater metropolitan area. Ms. Gignac also serves on that board.

Patricia Loken, Assistant Librarian, has continued to use the Ohio College Library Center (OCLC) terminal at Southeast Metropolitan Board of Cooperative Services (SEMCBOC) to augment the cataloging information available on a data base. This service is not very costly and provides cataloging information very quickly to our staff, our patrons and our public. Ms. Loken's hours were increased to 20 hours per week at the beginning of the year.

All of these efforts purposefully advance the concept that the library exists to aid Denver Botanic Gardens to continue its efforts to become a great botanic garden.

Solange Gignac
Librarian

Dedications of five new facilities at Denver Botanic Gardens were the focus of articles in The Green Thumb magazine.

Botany from A-V (Ananas to Vanilla), gardens from near to far, landscaping with groundcovers, wildflowers or shrubs—these were a few of many topics considered in the four issues of the magazine. Also, in the garden spotlight was bachelor's button, old garden roses and peonies, with special historical emphasis given to rock gardening and the schoolhouse at Chatfield Arboretum.

After five successful years as co-editors, Gilberta T. and Dr. William A. Anderson, Jr., retired. Jane Bowers edited the summer issue. Volma Richards was named editor of the magazine June 1981.

The monthly Green Thumb Newsletter, edited by Margaret Sikes Wallace, offered current information on activities and happenings at the Gardens; while Dr. James Feucht of Colorado State University provided timely horticultural advice.

Dr. Janet Wingate proved that botany and gardening can be fun for youngsters (and oldsters) in The Jolly Green Gardener published bimonthly. On alternate months Library Lines, edited by Solange Gignac, introduced new books in the Helen Fowler Library.

Bernice Petersen
Chairman, Editorial Committee

Special Occasions

The featured speaker at the Annual Membership Dinner, February 24, in John C. Mitchell Hall was Professor Koichi Kawana, Principal Architectural Artist and Lecturer in Japanese architecture, art, and landscape design at the University of California, Los Angeles. He compared three major gardens he has designed: our own Japanese Garden, Shunti-uen in Saitama, the 14- acre Japanese Garden at the Missouri Botanical Garden; and Sansho-en which he was then designing for the Chicago Horticultural Society. Members attending the event were also delighted with his many paintings on display in the Hall.
Significant were the dedications of five new units of the Gardens at 1005 York Street. On January 14, “Marnie’s Pavilion” offering a sparkling display and glass-house facility for the Gardens’ increasingly valuable collection of orchids and bromeliads was dedicated, though it was not open to the public until June 1981.

On June 1, four integral components in the Master Plan for Denver Botanic Gardens were officially dedicated and accepted by Mayor William H. McNichols, Jr. for the City and County of Denver: The Scripture Garden with its living collection of plants described in religious writings of world-wide significance found in an architectural setting reminiscent of the Holy Land, Israel, and adjacent areas; The Home Demonstration Garden, an architectural and horticultural “sample” of beautiful garden design, building materials and choice plants suitable for the Colorado home owner; The Rock Alpine Garden, a magnificent architectural and botanical creation with its dynamic collection of native and exotic alpine and arctic plants as well as plants from montane, steppe and desert regions; and the Alpine House to house alpine plants too delicate to stand the temperature and humidity extremes of our climate as well as to provide a research facility for developing new methods of propagation and growth of rock alpine plants. Two Open Garden Days, June 2 and 3 provided an opportunity for the membership and general public to view these new facilities and to stroll through the Gardens in the late afternoon.

“Summer Serendipity—1981” featured a concert by the Doctors’ Jazz Band July 21. Four hundred members enjoyed their picnic suppers on the Amphitheater lawn as they listened to the music.

“Energy Development and Rare Plants: Planning for the Future” was the theme of the 1980 Rocky Mountain Regional Rare Plant Conference held at Denver Botanic Gardens, November 5 and 6. Approximately 200 persons from 10 western states attended representing a wide range of interests, from industry to the interested layperson. The conference focused on federal regulations affecting rare plants, sources of rare plant data, and methods to reduce or eliminate potential conflicts surrounding the development of natural resources and the retention of rare plants and unique ecosystems.

“Heralding the Season” with the unveiling of the tree and the Lobby Court decorations featuring clowns and balloons and a musical presentation by the Christmas Ensemble from St. John’s Episcopal Cathedral was a gala occasion for members on December 13.

The first outdoor KCFR-DBG “Caroling Party” on a cold, crisp evening December 20 featured paths lined with gently glowing luminaries. Joining the music by T.U.B.A. from Anna’s Overview and a choral group in the Home Gardeners Outdoor Workshop, 1200 carolers strolled the Gardens and later enjoyed hot chocolate and cookies in the Lobby Court.

Even the weather—with its cold, rain and snow—didn’t stop the delightful “madness” known as the Annual Plant and Book Sale. Devoted volunteers—over 400 of them—and devoted followers—over 14,000 of them—came to sell and to purchase the distinctive, the unusual, or the best of the usual plants from the thousands available at the Denver Botanic Gardens Annual Plant and Book Sale, the major fund-raising event for the Gardens.

With the opening of The Orchid and Bromeliad Pavilion in June, many more of these kinds of plants than ever before were offered in the House Plant Section.

Not only was this a gigantic supermarket of select and diverse plant materials, but it was also a marketplace for the dissemination of knowledge for the plant-growing public. The many volunteers who manned the booths offered suggestions for choices for just the right spot: the customers shared their experiences and expertise; “Dr. Green” offered advice on gardening questions; and the multitudinous elegance of the Used Book sale provided countless sources of information, education and entertainment.

This dynamic spring event has truly become a place where plants and people grow.
Memorial Gifts

Memorial contributions have been received during 1981 for the following persons whose names have been inscribed in the Denver Botanic Gardens Book of Memories.

Leila Campbell Accola
Don Astin
Lura Atanasoff
Ruth Christie Bolin
Mrs. Donald F. Brown
Mrs. Myra Brown
Jose Camacho
Stella Cohen
Mrs. Bertha A. Collins
Robert Joseph Copley
Michael Crilly
Mrs. Gladys G. Eames
Pierce Eccles
Mrs. Cecile Erickson
Ada Lee Fansler
Mr. Billy Gene Florey
Albert (Fritz) Frei
frank B. Freyer, II
Marie Gallagher
R. Wallace Gibson
Harry Greathouse
Zel Grebe
Edith G. Hasen
Agnes Hofbauer
Marvin P. Hoffsath
Ross Hohn
Ralph B. Hubbard
Margaret Janovsky
Sally Wilson Johanson
Sidney Jones
Mrs. Vera P. Johnson
Mrs. Charles J. Kelly
Charles R. Kendrick
Mrs. Evelyn Kile
The Rev. Leon King
Mrs. Benjamin A. (Betty) Kiplinger
Mrs. Mary Petrink Kugelir
Clyde & Elise Learned
Mrs. Jane E. Laxordt
Maude R. Lesley
Mrs. Pauline Littill
Mrs. Sue B. McCan
Mrs. Cecil M. McIntyre
George R. Morrison
John Naranian
Helen Olsen
Norman F. Patrick
F. M. "Cappy" Ecks

The Staff and Trustees at the Gardens are grateful for the many memorial gifts which are received. The bereaved family is always notified of such expressions of sympathy.

As Denver Botanic Gardens continues to grow in accordance with guidelines set forth in its Master Plan, the generosity of members and public-spirited citizens is vital on an annual basis. Every gift, every bequest, every contribution must be counted on to help the Gardens achieve those goals—to fulfill the new challenge before us—"A Place Where Plants and People Grow."

Funds from the City and County of Denver, private contributions, memorial gifts, and bequests made by interested citizens provide support for Denver Botanic Gardens. Contributions, bequests, and grants are the principal source of income for development of new areas and construction. The City and County funds essentially are available only for operation and some maintenance.

Please make checks payable to the Denver Botanic Gardens Fund, 909 York Street, Denver, 80206. Gifts are deductible as provided by law.

Bequests to the Gardens are exempt from Federal and State inheritance and estate taxes. The following form can be used in making such bequests by will:

I give and bequeath to the Denver Botanic Gardens, a non-profit corporation under the laws of Colorado, the sum of $__________________ (or describe property).

There is a critical need to maintain the standard of excellence to which we are dedicated. Financial projections indicate the necessity to strongly encourage and develop an increase in annual contributions, in addition to membership fees, in unrestricted funds—these gifts "do make a lasting difference." However, gifts may be designated for such projects as: The Endowment Fund, to insure our standard of excellence in the years ahead; Chatfield Arboretum; Community Garden Square (special gardens for handicapped, Senior Citizens, and families); Japanese Garden; Orchid Bromeliad Pavilion; Rock Alpine Garden; and the Helen Fowler Library. There are numerous ways to make a lasting difference to Denver Botanic Gardens and to honor or memorialize the donor.

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Financial Statement

Denver Botanic Gardens, Inc.
Balance Sheet
December 31, 1981

Assets

<table>
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<tr>
<th>Current Assets</th>
<th>$104,945</th>
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</thead>
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<td>Cash in checking accounts</td>
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<tr>
<td>Cash in savings accounts and certificates of deposits</td>
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<tr>
<td>Investment trust</td>
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</tr>
<tr>
<td>Other current assets</td>
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<tr>
<td>Total current assets</td>
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<table>
<thead>
<tr>
<th>Other Assets</th>
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<td>Tax reserves and miscellaneous</td>
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<tr>
<td>Property accounts</td>
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<tr>
<td>Total Assets</td>
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Liabilities and Fund Balances

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<tr>
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<td>Mortgages payable</td>
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<td>Rent deposits</td>
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<td>Property Fund</td>
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<tr>
<td>Endowment Fund</td>
<td>$842,128</td>
</tr>
<tr>
<td>Total Fund Balances</td>
<td>$2,262,201</td>
</tr>
<tr>
<td>Total liabilities and fund balances</td>
<td>$2,358,534</td>
</tr>
</tbody>
</table>

Please note:
This is a condensed version of the Botanic Gardens' balance sheet and should not be referred to as an audited statement.
The Volunteer Groups and Their Work

Denver Botanic Gardens Guild

After twenty years the Botanic Gardens Guild is pleased to have dedicated women who have been members the entire time as well as a continual influx of new, interested members.

Community interest in herbs continues to grow and the plants sell well at the Plant Sale Herb Booth run by the Guild. A leaflet about the herbs, compiled by the Guild and sold for the taken amount of 25¢, stimulates sales and provides answers to many of the questions asked by customers.

The Herb Garden is maintained by the Guild. A committee organizes the garden's needs and the members then take turns working in small groups each week throughout the summer tending to the tasks. During the spring a yellow wood tree was planted at the northeast corner of the Herb Garden in memory of Barbara Whealen, a past member.

After a last minute change in location, the Terrace and Garden Tour was held in Lakewood and Wheat Ridge in July. There were many comments and even letters expressing delight about the beautiful gardens. A profit of $3,032.79 sales, which amounted to $2,262. We are also very grateful to the gardening staff of Denver Botanic Gardens for their generous contribution of Indian corn, butter squash, and pumpkins. They were a most colorful addition to our sale tables. The success of the sale enabled us to continue our funding of a hearing-impaired student intern this summer.

We have also established a maintenance fund for the Cutting Garden. Finally, we were pleased to offer another sizable contribution to the Katharine B. Crip Memorial Fund for plantings at the schoolhouse at Chatfield Arboretum.

We anxiously await completion of the Cutting Garden and the opportunity to plant, maintain and harvest everlastings for the benefit of Denver Botanic Gardens. Again, we are deeply indebted to the staff who have given generously of their time and expertise and have shown such an interest in our organization. All of us look forward to a seasonally beneficial and enjoyable future at Denver Botanic Gardens.

Officers for 1981-1982
Mrs. Harriet McMillan, President
Mrs. Carrie McLaughlin, Vice President
Mrs. Leash Brown, Secretary
Mrs. Patrick Cutler, Treasurer

was made on the one day tour. Over 150 Cookie Cookbooks, prepared by the Guild in 1980, were sold again this year during the tour for $3.50 each.

Approximately 425 hours of volunteer time was needed to make about 2,500 bottles of herb vinegar in the fall. Even so, the demand for the vinegar was greater than the Guild could produce. The tarragon vinegar was sold out within a few hours after the Christmas Sale began and the herb vinegar was gone before noon the following day. The profit for the 1981 vinegar sales was $4,719.01.

The year's earnings were contributed to the Denver Botanic Gardens in the following ways. Early in the year the Guild gave $7,000 for the construction of the alpine garden wall. In December $4,000 was donated to fund the research needed to publish a book about the Rock Alpine Garden. The Guild also provided $1,400 for one of the summer interns, a very worthwhile program.

Officers for 1981-1982
Mrs. Lenier Woodward, President
Mrs. Hilary Johnson, Vice President
Mrs. Charles Ennis, Secretary
Mrs. Larry Wilberg, Treasurer

The Garden Club of Denver

At the Home Demonstration Garden our club members planted annuals, perennial vegetables, and hanging baskets for the patio, added some trees and shrubs, and kept the area weeded through the summer months. Repairs to the pool area have been done, and approximately $2,000 was spent on this and other roofs in the garden this year. The result we feel is a garden that really is looking "at home" as well as demonstrating that this landscape plan is both practical and attractive.

Work in the Low Maintenance Garden has included maintenance of the garden area plus staining and weatherproofing the benches and decks.

On November 16 the Garden Club co-sponsored a lecture with Denver Botanic Gardens in Mitchell Hall featuring Susan Leach from the Metropolitan Museum of Art's Greenhouses in New York. Her program (which included slides) covered the topic of Plants of the Middle Ages in their representation in art.

Officers for 1981-1982
Mrs. Mackintosh Brown, President
Mrs. Theodore B. Washburne, Vice President
Mrs. Polly S. Flabeg, Recording Secretary
Mrs. Franklin Whitbeck, Jr., Corresponding Secretary
Mrs. Richard A. Kirk, Treasurer
Mrs. Moses Taylor, Director

The Associates of Denver Botanic Gardens

The Associates of Denver Botanic Gardens were pleased to have had a very successful year, both financially and with respect to work done for the Gardens. Our membership is at its highest level, with 232 members on our rolls. These volunteers contributed a total 27,746 hours which at minimum wage amounts to a contribution of $104,047.50 in labor alone. Along with our donation of $100,000 in proceeds from our Gift Shop in 1981, we have provided a total donation to the Gardens in the amount of $204,047.50.

The primary purpose of the Associates is to help in various programs and areas in the Gardens and the Guides group has always been very active in this regard. Guides were instructed in giving specialized tours for visually impaired people and for primary grade children. A new committee was formed to train guides for the outdoor gardens, and these guides led tours last summer for groups of Denver Botanic Gardens members, regional Bonnai, National American Rose Society, American Horticultural Society and Executive Women International conventioners.

Our volunteers cover all areas of the Gardens, including the outside gardens, the library, the greenhouse, the information desk and the conservatory. We expect that we will also be asked to help in the areas that are being built and planned in the expansion of the Gardens.

Our contributions to the Gardens for 1981 were as follows:

Chatfield Arboretum $25,000
Library security system and monthly stipends 11,400
Salary of Rock Garden Curator 17,200
New Tractor for DRC 23,000
Director's Discretionary fund 12,000
General Fund 10,000
Summer Intern at DBG 1,400
$100,000

The Associates gave Distinguished Service Awards this year to Peggy Altvater and Mary DeLell, two volunteers who have contributed many hours of service and are always willing to help in any way.

We look forward to the growth of the Gardens and our contribution to that growth.

Officers for 1981-1982
Carrie McLaughlin, President
Harriet McMillan, Vice President
Gloria Douglas, Secretary
Charles Wilkins, Treasurer
Mary Butler, Treasurer's Assistant
Denver Botanic Gardens, formed in 1951, is a non-profit Colorado Corporation to establish and operate a botanic gardens, an agency of the City and County of Denver, which provides approximately one-half of the funds for staffing and maintenance. Funds for other essentials and most capital improvements are derived from personal and corporate contributions, fund raising events, and membership fees.

Membership in Denver Botanic Gardens is open to all. Benefits include free admission, library privileges, an annual subscription to The Green Thumb magazine issued quarterly with timely articles on outdoor and indoor gardening, colorful and historic subjects plus the monthly Green Thumb Newsletter with activities calendar and gardening tips.

Annual Membership Dues:
- Student (High School, College) $10.00
- Senior Citizen $10.00
- Individual $15.00
- Family $25.00
- Contributing $100.00
- Patron $500.00
- Benefactor $1,000.00

Four Seasons Corporate Affiliates Contact Development Office 355-3456 for fees and benefits.