



Hunt Institute for Botanical Documentation
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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

(1957)

**SARATOGA
HORTICULTURAL
FOUNDATION**

SARATOGA, CALIFORNIA

*A non-profit corporation
dedicated to horticultural investigation
in trees and shrubs.*

1 9 5 7

SARATOGA HORTICULTURAL FOUNDATION

SARATOGA, CALIFORNIA

THE SARATOGA HORTICULTURAL FOUNDATION was established in 1951 for the betterment of ornamental horticulture. Favorable climatic conditions for growing a wide variety of plants led to the choice of Saratoga as a site for this project. Founding such an institution was the fulfillment of a long-time ambition of Ray D. Hartman of San Jose, California, who has been prominently identified with western horticulture for the past forty-five years. The land, buildings, original equipment, and plant stock were a gift of Mr. and Mrs. Hartman to the Foundation corporation. Many additional gifts of funds, equipment, and plants have since been made by Mr. Hartman and other friends of the organization.

ADMINISTRATION SARATOGA HORTICULTURAL FOUNDATION, INC. is a private, non-profit corporation managed by a self-perpetuating Board of Trustees. Professional guidance is given by a Board of Councillors composed of individuals prominently identified with western horticulture, arboriculture, botany, and landscape design.

PURPOSE Improvement and enrichment of western plant ornamentals is the chief goal of the Foundation. Emphasis thus far has been placed on shade trees and native California shrubs. Investigation in woody plants of this kind must necessarily be planned on a long-range basis.

With the generous cooperation of nurserymen, arboriculturists, botanists and horticultural institutions throughout the world, many selected types and improved forms of shade trees, as well as numerous new shade tree species, have been brought together at Saratoga. The new trees have been obtained from regions climatically similar to the Pacific Coast and some show promise of being adaptable to our growing conditions. Since the need for functional streetside trees has been stressed in recent years by park superintendents, utility companies, and others, much study has been given this problem by the Foundation with gratifying results to date. Considerable progress has also been made in collecting and assembling selected forms of native shrubs. These native and introduced plants are being tested to evaluate their ornamental potentialities and to determine the most economical means

of propagating them in large numbers. Some 18 new varieties have thus far been propagated and distributed to nurserymen.

All horticultural experimentation is conducted on a practical level. Information on the most efficient means of propagating each clone will be published as experimentation progresses and techniques have been determined. Special effort will be made to provide information of practical value to nurserymen. Several articles on the results of certain studies of the Foundation have already been published in horticultural journals.

PUBLIC SUPPORT The Foundation is probably unique among horticultural experiment stations in that much of the operating expense is borne by the sale of Foundation-grown plants on the wholesale market. However, the extent and quality of the program of horticultural investigation will be largely dependent on additional sources of income. Support of the work of the institution to date by grants and gifts from individuals and organizations has been highly gratifying.

One purpose of this leaflet is to solicit the aid of individuals and organizations in extending the usefulness of the Foundation through gifts or bequests which may be applied (1) to the Endowment Fund, (2) to some special project, (3) to general operating expense, and (4) to additional buildings or equipment. Such gifts or bequests may be in the form of any tangible assets. Anyone wishing to assist in sponsoring this project is invited to visit the Foundation for an inspection of the work in progress.

Any member of the Board of Trustees or the Director will be glad to meet with a prospective donor to discuss the needs of the Foundation and its potentialities.

All funds of the Foundation are controlled and managed by the Trustees as a body.

Gifts to Saratoga Horticultural Foundation, Inc. are allowable deductions in computing income tax, and are exempt from gift tax. Bequests to the Foundation are proper deductions in computation of estate and inheritance taxes.

SARATOGA HORTICULTURAL FOUNDATION BOARD OF COUNCILLORS

- Dr. Thomas Harper Goodspeed, Director, University of California Botanical Garden, Berkeley.
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- Mrs. C. C. Henry, President, California Garden Clubs, Inc.
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- Mr. Ralph W. Jones, President, California Association of Landscape Architects.
- Mr. Percy C. Everett, President, Western Chapter, National Shade Tree Conference.
- Mr. George Hood, Jr., President, California Arborists Association.
- Mr. David L. Cunningham, President, California Association of Nurserymen.
- Mr. Harold T. Teague, President, California Society, American Institute of Park Executives.

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- JULIETTE RANKIN Secretary

INTRODUCTIONS OF THE
SARATOGA HORTICULTURAL FOUNDATION
1951 TO 1957

* * *

Arctostaphylos densiflora 'Howard McMinn'

Arctostaphylos densiflora 'Sentinel'

Arctostaphylos hookeri 'Monterey Carpet'

Arctostaphylos hookeri 'Wayside'

Arctostaphylos stanfordiana 'Fred Oehler'

Arctostaphylos uva-ursi 'Radiant'

Ceanothus x 'Emily Brown'

Ceanothus horizontalis 'Yankee Point'

Ceanothus x 'Julia Phelps'

Ceanothus x 'Mills Glory'

Garrya elliptica 'James Roof'

Ginkgo biloba 'Autumn Gold'

Ginkgo biloba 'Canopy'

Liquidambar styraciflua 'Palo Alto'

Magnolia grandiflora 'Margarita'

Magnolia grandiflora 'Stalwart'

Photinia arbutifolia 'Pioneer'

Pistacia chinensis 'Keith Davey'

Other clones named, registered and distributed by the Foundation. These were introduced by others.

Ceanothus griseus 'Louis Edmunds'

Ceanothus x 'Ray Hartman'

Other unnamed clones to be introduced in 1958.

Arctostaphylos hybrid

Ceanothus hybrid

Ginkgo biloba selection

Liquidambar formosana selection

Liquidambar orientalis selection

Magnolia grandiflora selection

THE TRUSTEES OF THE
SARATOGA HORTICULTURAL FOUNDATION
INVITE YOU TO MEET WITH THE MEMBERS OF THE
BOARD OF COUNCILLORS
AT THE FOUNDATION IN SARATOGA, CALIFORNIA, ON
THURSDAY, SEPTEMBER 26, AT 10 A. M.
GUESTS WILL BE TAKEN ON A CONDUCTED TOUR OF
THE GROUNDS. A NUMBER OF
INTERESTING NEW PLANTS WILL BE ON EXHIBIT.

A RESPONSE IS REQUESTED
TELEPHONE UNION 7-3214
POST OFFICE BOX 308

SAMUEL C. SOMMER
First Vice-President

KEITH L. DAVEY
Second Vice-President

RAY D. HARTMAN
Founder and President

FRED J. OEHLER
Treasurer
MAUNSELL VAN RENSSELAER
Director

SARATOGA HORTICULTURAL FOUNDATION
SARATOGA, CALIFORNIA

September 4, 1957

Digitized by the Hunt Institute for Botanical Documentation

Dr. Baki Kasapligil
Mills College
Oakland 13, California

Dear Dr. Kasapligil:

We greatly appreciate your helpfulness in sending for some seeds of Liquidambar orientalis for us to continue with our selective work in this species here. We are also pleased to have a picture of this tree in its natural habitat.

We are sorry that you and your wife can not be with us on September 26 but hope that you will find an opportunity to come down this way in the not too distant future. We would like to have you see the rather remarkable differences in the two clones we now have of Liquidambar orientalis.

We are not working with coniferous species with the exception of the few California trees, so in all probability your seeds could be placed to far better advantage in other institutions.

Cordially yours,



Director

SAMUEL C. SOMMER
First Vice-President
KEITH L. DAVEY
Second Vice-President

RAY D. HARTMAN
Founder and President

FRED J. OEHLER
Treasurer
MAUNSELL VAN RENSSLAER
Director

SARATOGA HORTICULTURAL FOUNDATION
SARATOGA, CALIFORNIA

Digitized by the Hunt Institute for Botanical Documentation August 13, 1957

Dr. Baki Kasapligil
Mills College, California

Dear Dr. Kasapligil:

Two years ago Professor Woodbridge Metcalf obtained some seeds of Liquidambar orientalis for us from someone in Turkey. We would like to do some selective work in this species and will need more seed from time to time. Could you tell us of someone in the Forestry Department there who would be willing to gather these seeds for us in exchange for something we could send from here. We are especially interested in obtaining a strain that would be hardy in central California.

Before his illness, Professor McMinn spoke several times of the possibility of bringing you to Saratoga to see the work we are doing here. Would it be possible for you and your wife to attend our Annual Meeting of Councillors at 10:00 a.m. on September 26. We have a conducted tour of the grounds at that time.

Cordially yours,

M. Van Rensselaer

Director

(n.d)
(1957?)

Digitized by the Hunt Institute for Botanical Documentation

Mr. Maunsell van Rensselaer
Director
Saratoga Horticultural Foundation
Saratoga, California

Dear Mr. Rensselaer,

Thank you very much for your letter of August 13, 1957. I asked Mr. Mehmet Yalciner, Director of Forests in Antalya to send me the seeds of Liquidambar orientalis which grows in a small district in his district and no where else. When I visited the Liquidambar forests in Mugla, in 1953, Mr. Yalciner who is a colleague of mine from the Forestry College in Istanbul, gave me a generous amount of Liquidambar seeds and I made a distribution among various Botanical Gardens and Arboretums. Unfortunately I do not have the distribution list with me. Just for the matter of interest I am enclosing a picture of this tree which I took in its natural habitat.

I am very obliged for your kind invitation to attend the Annual Meeting of Councilors on September 26. Our college will open for the Fall Semester on the 23rd of September and I will have a very busy teaching schedule on the 26th. However Mrs. Kasapligil and I shall be glad to visit your arboretum and nurseries any time before the semester starts or in any Friday afternoon or week-end during the semester.

I have a good supply of Coniferous seeds from Turkey. If you are interested in experimenting any one of them listed below, I shall send you the seed samples gladly. I shall forward the Liquidambar seeds to you when I receive them.

Abies bornmülleriana
Abies nordmanniana

Very truly yours,

Cedrus libani (very rare in American gardens)

Juniperus drupacea (I never saw one growing in North American arboretums)

Baki Kasapligil

Juniperus foetidissima

Juniperus oxycedrus ssp. frutescens

Picea orientalis

Pinus brutia

Pinus nigra var. caramanica

Pinus sylvestris

SAMUEL C. SOMMER
President

KEITH L. DAVEY
Vice-President

RAY D. HARTMAN
Founder

FRED J. OEHLER
Treasurer

MAUNSELL VAN RENSSLAER
Executive Director

SARATOGA HORTICULTURAL FOUNDATION
SARATOGA, CALIFORNIA

Digitized by the Hunt Institute for Botanical Documentation
April 4, 1958

Dr. Baki Kasapligil
Mills College
Oakland 13, California

Dear Baki:

We are delighted to have the generous supply of seeds of Liquidambar orientalis you have obtained for us from Turkey. If you should need any of the seedlings from this seed for experimentation, please let us know.

All here send greetings and warmest good wishes.

Cordially yours,



Director

SAMUEL C. SOMMER
President

KEITH L. DAVEY
Vice-President

RAY D. HARTMAN
Founder

FRED J. OEHLER
Treasurer

MAUNSELL VAN RENSSELAER
Director

SARATOGA HORTICULTURAL FOUNDATION

Post Office Box 308

SARATOGA, CALIFORNIA

Digitized by the Hunt Institute for Botanical Documentation
June 24, 1959

Dr. Baki Kasapligil,
Mills College,
Oakland 13, California.

Dear Baki:

In the few years we have been promoting the use of Liquidambar orientalis as an ornamental, the demand for it has steadily grown, especially in southern California.

None of the resultant stock has as yet produced seeds, so we have been wondering if you could possibly obtain another lot of seeds this year through your friends in Turkey. We could use sufficient seeds to grow 1000 or more plants if this many are available.

Your continued helpfulness will be greatly appreciated.

When you are down this way, be sure to stop in for a visit. We probably have much that is new since you were last here.

Cordially yours,



Director.

Mr. Maunsell van Rensselaer
Director
Saratoga Horticultural Foundation
Post Office Box 309
Saratoga, California

June 30, 1959

Digitized by the University of California and the University of Arizona for Botanical Documentation

Dear Van,

Thank you for your letter of June 24, 1959. I am sending you the seeds of Liquidambar orientalis in a small box today. I did not put the data on the envelope, but you have the data, since they represent the same sample as I sent you before. I kept the seeds in the refrigerator and I hope that they are viable.

I have another seed supply of Liquidambar orientalis collected in 1957, but unfortunately somebody misplaced the seed bag in the refrigerator and today I discovered that the whole bag was soaked possibly during defrosting the refrigerator. The seeds are not molded and the embryos seem to be in good shape. I spread the seeds in my laboratory today and I hope to save them from a possible damage. I shall be glad to send you this new supply after a few days. Would it be enough to send you the same amount as this shipment?

You will also find the seed sample of Cedrus libani in same package. As you know it is quite rare in California and I thought that you may like to raise some.

Thank you very much for your kind invitation to your nursery. I would like to visit your place in the near future, but I will not be able to do it during summer since I plan to attend the Botanical Congress in Canada. Perhaps we can visit the nursery with my botany class next fall ?

Best regards to you and to your family.

Sincerely yours,

Baki Kasapligil

SAMUEL C. SOMMER
President

KEITH L. DAVEY
Vice-President

RAY D. HARTMAN
Founder

FRED J. OEHLER
Treasurer

MAUNSELL VAN RENSSELAER
Director

SARATOGA HORTICULTURAL FOUNDATION

Post Office Box 308

SARATOGA, CALIFORNIA

Digitized by the Hunt Institute for Botanical Documentation July 7, 1959

Dr. Baki Kasapligil,
Mills College,
Oakland 13, California.

Dear Baki:

Thank you so much for the additional seeds of Liquidambar orientalis. We would be glad to have some of the seeds of the 1957 collection if you can spare them. We are also glad to have the seed sample of Cedrus libani and will hope to be able to grow a few of these so that they can be placed in our tree collection for comparison with the two other species.

With warmest good wishes to you and your family.

Cordially yours,



Director.