



Hunt Institute for Botanical Documentation  
5th Floor, Hunt Library  
Carnegie Mellon University  
4909 Frew Street  
Pittsburgh, PA 15213-3890  
Telephone: 412-268-2434  
Email: [huntinst@andrew.cmu.edu](mailto:huntinst@andrew.cmu.edu)  
Web site: [www.huntbotanical.org](http://www.huntbotanical.org)

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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.

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY  
DAVIS, CALIFORNIA

Jan. 15, 1959

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Dear Baki:

This reprint, which deals with Arbutus menziesii (among other things), comes the closest to Rhododendron of any experimental studies I've seen.

I've seen a little data from spray trials on some of the manzanitas, also, but the species were not indicated in most cases. Furthermore, the genus Arctostaphylos is so different, in general, from Rhododendron, that they might well have quite different responses to herbicides. For what it may be worth, therefore, data from one study<sup>①</sup> indicates an 80-90% kill of manzanita (species not given!) with the isopropyl ester of 2,4,5-T applied at 2.08 lbs. per acre. Another study<sup>②</sup> reports good kills on sprouts and seedlings of manzanita (species not given!) with either the amine or isopropyl ester of 2,4-D, given two applications.

Your best source of information would be Dr. Oliver A. Leonard, of our department, after he returns from New Zealand next month.

Leonard, O. A. 1957 (Associate Botanist) Sincerely,  
Effect of Phenoxy Herbicide Concentrates  
Applied to Cuts of Sprouting Tree Species. John Tucker  
Weeds 5(4): 291-303.

① Dorman, F. W., Progress report, State Leader Project 3682, U.C. Agric. Extension Serv., Dec. 13, 1948.

② Biswell, H. H., et al., Quarterly progress report, Calif. Project 31-R-1 (Federal Aid in Wildlife Restoration Act), July 1, 1949.

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January 9, 1987

Dr. Baki Kasapligil  
1304 Albina Ave., Apt. 3  
Berkeley, CA 94706

Dear Baki:

Many thanks for the acorns of *Quercus pontica*, which you sent us in late November. If we can get a seedling or two from them, that would be a fantastic addition to the Shields Grove Quercetum. I have some reservations, however, on two points:

1. In our experience, oaks from montane areas of coniferous forest do very poorly here in Davis. We have not been able to grow *Q. sadleriana* or *Q. vaccinifolia*, for example; and even *Q. kelloggii* does not grow very well here. Our alkaline soil and high summer temperatures are the major problems, I suspect.

2. I couldn't help wondering about the viability of your acorns. Acorns of many species lose their viability in 5-6 weeks (or less) due to desiccation, unless they are stored in cool, moist conditions. I noted that two months had elapsed since your date of collection (Sept. 26). But needless to say, I turned them over (promptly) to the propagators at Arboretum H.Q., and we're hoping for the best.

Speaking of introductions from Turkey for the Arboretum, Warren Roberts wonders if you know of a source of seed of *Abies equi-trojani*? He would dearly love to get this fir for the Exotic Conifer Section.

Regarding your proposed trip to western China next June, if there's a chance of my going with you, I would certainly take you up on this. A lot will depend on how well my wife has recovered by then. She has done remarkably well since last summer but still has a way to go. Let's figure on my going, tentatively, if this would fit your plans.

Best regards,

John M. Tucker  
Professor Emeritus

JMT/ln