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POTOMAC BONSAI ASSOCIATION  
% U.S. NATIONAL ARBORETUM  
3501 NEW YORK AVE. NE  
WASHINGTON, D.C. 20002

PBA NEWSLETTER: Published by the Potomac Bonsai Association, Inc. (PBA), a non-profit organization, in the interests of its affiliate member clubs and societies.

CIRCULATION: Over 300 internationally on a monthly basis.

SUBSCRIPTIONS: PBA membership includes 12 monthly Newsletters covered by part of the annual membership dues. Corresponding membership: \$ 6.50 for 12 monthly PBA Newsletters. Make checks payable to: Potomac Bonsai Association and mail to M. Hersh, 102 Devon Ct., Silver Spring, MD 20910.

ADVERTISING Monthly rates: 1/4 page - \$ 5.00; 1/2 page - \$ 10.00; full page - \$ 15.00 .

RATES 20% rate reduction for advertisements that run for 3 or more consecutive months.

ADVERTISEMENTS and/or ARTICLES: Send to J. F. Koetsch, 6709 Caneel Ct., Springfield, VA 22152, (703) 569-9378.

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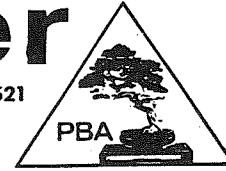
EDITOR: Jules F. Koetsch (703) 569-9378

SUBSCRIPTION & CIRCULATION: Molly Hersh and Jo Finneyfrock (301) 589-3725, Cy Mill

**N.B.F. GALA (see page 4)**

POTOMAC  
**BONSAI**  
ASSOCIATION  
**Newsletter**

ISSN 0160-9521



VOL 16 NO 7 JULY 1986

**CALENDAR OF EVENTS**

**IBC '86 July 9 thru 13, 1986**

To All PBAers

IBC '86 is not too far off!

Now's the time to start if you have not done so already,  
to think about how you wish to participate in IBC '86.

Then do it.

Here's the many ways in which you can participate:

- A. First and foremost ---- register for the entire program.

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- B. If extenuating circumstances prevent you from doing A. above:  
Share one registration with others so that singly, each individual can go to the event of his or her choice.

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- C. Act as a monitor at the EXHIBIT.  
Exhibit hours are: Wednesday, July 9 10:00 a.m to 1:00 p.m.  
Thursday, July 10 12:00 noon to 1:30 p.m..  
Friday, July 11 12:00 noon to 5:00 p.m.  
Saturday, July 12 11:30 a.m. to 1:00 p.m.  
Telephone Dave Garvin (301) 926-5954 to volunteer.

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- D. Monitors at doors to check registrants into Lectures/Demonstrations  
Telephone Molly Hersh (301) 589-3725 to volunteer.

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- E. Be a Workshop Helper - checking attendees, assisting with the setting up and taking down of the workshop.  
Workshops 1, 2, 3 will be from 8:00 p.m. to 11:00 p.m.

(Continued on the next page)

on Wednesday, July 9th.  
Workshops 4, 5, 6 will be from 7:00 p.m. to 10:00 p.m.  
on Thursday, July 10th.

Telephone Jules Koetsch (703) 569-9378 to volunteer.

F. Raffles and Auction - Raffles involves assisting in passing out raffle tickets and collecting the money.

Auction - This follows the Banquet at 9:00 p.m. on Saturday, July 12th. You do not have to attend the Banquet to be able to attend the auction which is open. Volunteers will assist auctioneer in taking articles being auctioned to interested parties in the audience, help identify bidders, and assist in completing the payment transactions.

Telephone Julie Walker (202) 547-8497 to volunteer.

G. Bus Monitor - Bus monitors are needed to check people getting on busses to insure that they are ticketed for either:

Trip to and from the Japanese Embassy Reception 5:00 to 7:00 p.m. on Wednesday July 9th, - this is restricted to monitors who are cleared for the Japanese Embassy Reception.

Trip to and from Dumbarten Oaks 5:00 to 7:00 p.m. on Wednesday July 9th.

Trip to and from the Bar-B-Q at the National Arboretum on Friday, July 11th from 4:00 p.m. to 10:00 p.m.

Telephone Jim Thomas (703) 321-7111 to volunteer.

H. IF YOU DO NOT DO ANYTHING ELSE

ATTEND THE BAR-B-Q

Friday, July 11th from 4:00 p.m. to 10:00 p.m.

National Arboretum

Outdoors under canvas.

Dress informal.

Enjoy Southern barbeque and liquid refreshments.

See the National Collection under Japanese lanterns and subdued light.

A ONCE IN A LIFETIME OPPORTUNITY TO:

Attend ceremonies marking the initial phase in the eventual construction of the American Bonsai Pavilion at the National Arboretum.

Meet some of the Japanese who donated the trees to the current National Collection.

If you haven't signed-up for the BAR-B-Q don't fail to do so.

Price per person, if you get to the National Arboretum on your own, is \$ 25.00. (It's \$ 30.00 for those who go by bus to and from the Shoreham Hotel.)

Telephone Molly Hersh (301) 589-3725, by 6 July for a reservation.

Pay by check at the National Arboretum on 11 July when you arrive.

I. Shop at the BAZAAR

This is open to the public, - bring your friends.

This is your chance to get what you need for bonsai, - trees, pots, wire, tools, etcetera.

47 Vendors from all parts of the U.S.A., - 110 sales tables

Bazaar hours are:	Wednesday, July 9	10:00 a.m. to 4:00 p.m.
	Thursday, July 10	8:00 a.m. to 6:00 p.m.
	Friday, July 11	8:00 a.m. to 3:30 p.m.
	Saturday, July 12	8:00 a.m. to 6:00 p.m.
	Sunday, July 13	8:00 a.m. to Noon

J. See the EXHIBIT

This is also open to the public; plan to see the Exhibit along with your shopping trip but be careful, the Exhibit hours are not the same as for the Bazaar:

Wednesday, July 9:	10:00 a.m. to 1:00 p.m.
Thursday, July 10	12:00 noon to 1:30 p.m.
Friday, July 11	12:00 noon to 5:00 p.m.
Saturday, July 12	11:30 a.m. to 1:00 p.m.

NOTES ABOUT GETTING TO AND FROM THE SHOREHAM HOTEL.

Parking fees at the Shoreham are steep. Based on two independent telephone calls are either of the following:-

Per hour - \$ 2.75 or \$ 3.00 ?

Per day - \$ 7.00 per day for hotel guests with additional charges each time car leaves/returns.  
\$ 10.00 or \$ 11.00 per day for non-guests of the Shoreham.

METRO - It's a 2-block walk or slightly more from the Woodley Park - Zoo station on the Red Line.  
(Better check the METRO's hours of operation.)

Otherwise you may be lucky and find some On-the Street parking.

THE IBC '86 PROGRAM APPEARS ON THE NEXT PAGE



# AMERICAN REGIONAL BONSAI

## IBC '86 PROGRAM

presented by:  
BCI, ABS and PBA

### PROGRAM

**WEDNESDAY, JULY 9**  
8:00am-12:00am BCI Board Meeting - Presidential Room  
8:00am-5:00pm Registration  
1:00pm-1:30pm Welcoming address by the current PBA President  
1:30pm-4:30pm Lecture/Demo - Blue Room  
**Harold Sasaki** (Rocky Mountain)  
Ponderosa Pine  
JAPANESE EMBASSY RECEPTION  
7:30pm-10:30pm Workshop #1 **Chase Rosade**: Hornbeam  
Workshop #2 **Doris Froning**: Mame  
Workshop #3 **Mary Madison**: Butonwood  
7:30pm-8:30pm Exhibit Critique #1 **Vaughn Bantling**  
8:30pm-9:30pm Exhibit Critique #2 **Dan Robinson**

**THURSDAY, JULY 10**  
8:00am-9:00am Registration  
9:00am-12:00pm Lecture/Demo - Blue Room  
**Dan Robinson** (Northwest) Alpine Hemlock  
12:00pm-1:30pm Lunch On Your Own  
1:30pm-3:30pm Lecture/Demo - Blue Room  
**Randy Clark** (Midwest) Scots Pine  
3:30pm-5:30pm Lecture/Demo - Blue Room  
**Mary Madison** (South) Butonwood  
5:30pm-6:30pm ABS Board Meeting - Forum Room  
7:00pm-10:00pm BCI Delegate Meeting - Presidential Room  
Workshop #4 **Dan Robinson**: Shimpaku on driftwood  
Workshop #5 **Vaughn Bantling**: Bald Cypress  
Workshop #6 **Marion Gyllenswan**: Crab Apple  
7:00pm-8:00pm Exhibit Critique #3 **John Naka**  
9:00pm-10:00pm Exhibit Critique #4 **Chase Rosade**

**FRIDAY, JULY 11**  
8:00am-9:00am BCI Board Meeting - Presidential Room

9:00am-12:00pm Lecture/Demo - Blue Room  
**Haruo "Papa" Kaneshiro** (Hawaii)  
Chinese Banyan  
12:00pm-1:30pm Lunch On Your Own  
1:30pm-2:30pm ABS General Meeting - Blue Room  
2:30pm-3:30pm BCI General Meeting - Blue Room  
4:00pm-10:00pm BUS TOUR: A bus trip to the National Arboretum to enjoy an outdoor Bar-B-Q by the official Washington Redskins Master Bar-B-Q Chef, a ground breaking ceremony for the American Pavilion, and a rare opportunity to view the National Bonsai Collection at night.

### SATURDAY, JULY 12

8:30am-10:30am Lecture/Demo - Blue Room  
**John Naka** (Southwest) California Juniper  
11:30am-1:00pm Lunch On Your Own  
12:00pm-1:00pm ABS Board Meeting - Forum Room  
1:00pm-3:30pm Lecture/Demo - Blue Room  
**Vincent Covello** (East) Suiseki  
3:30pm-5:30pm Lecture/Demo - Blue Room  
**Chase Rosade** (East) Hornbeam  
7:00pm COCKTAILS  
8:00pm BANQUET  
9:00pm AUCTION/RAFFLE

**SUNDAY, JULY 13**  
8:30am-10:30am BRUNCH/RAFFLE  
10:30am-12:00pm **Kenko Roktaku** (Japan) Slide presentation on Azaleas

### BAZAAR HOURS:

Wednesday - 10:00am-4:00pm  
Thursday - 8:00am-6:00pm  
Friday - 8:00am-3:30pm  
Saturday - 8:00am-6:00pm  
Sunday - 8:00am-12:00pm

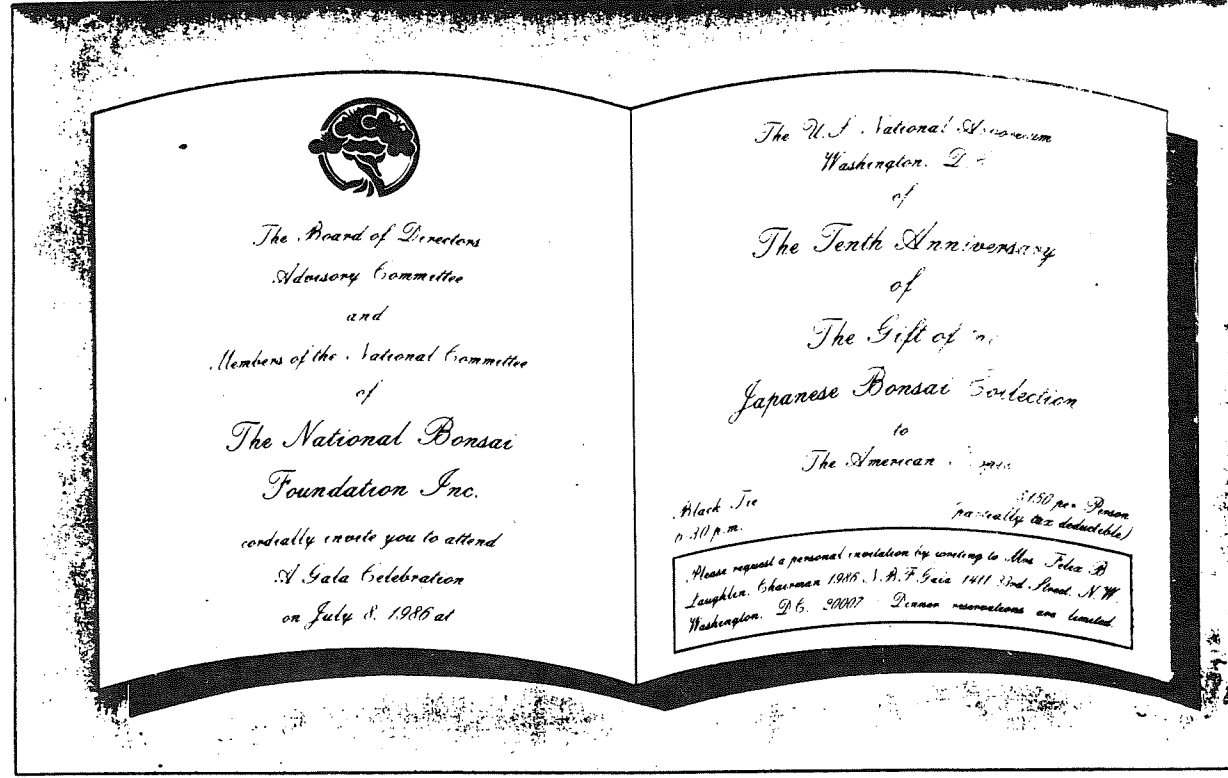
### Exhibit Hours:

Daily 10:00am-5:00pm. Closed during lecture/demonstrations and Exhibit Critiques.

### Breaks:

1 Wednesday, 2 Thursday, 1 Friday,  
2 Saturday - Times will be announced.

# NATIONAL BONSAI FOUNDATION GALA



By now everyone going to the National Bonsai Foundation Gala at the National Arboretum on July 8th will have received their invitations and should have responded. For those of you still wondering what the above invitation which appeared in the PBA Newsletter these past issues is all about, it's an opportunity for each attendee to have a super dinner, entertainment and a tax free contribution of \$ 100.00 . It will be held in a tent at the National Arboretum. The \$ 100.00 contribution to the National Bonsai Foundation will go toward completing the bonsai complex at the National Arboretum. The finished pavillion will contain besides the existing Japanese Pavillion and Japanese Garden, the American Bonsai Pavillion, a Chinese Penjing (bonsai) Pavillion, a Japanese Tea House and

Koi Pond, and classrooms, workrooms and storage facilities. Donations can be sent to: National Bonsai Foundation, 3501 New York Ave. N.E., Washington, D.C. 20002.

Sooooo - if you are not going to the Gala you can still help by contributing to the National Bonsai Foundation.

The accompanying press release should also clear up any mystery that exists.

P R E S S   R E L E A S E

For immediate release

Contact: B.G. Laughlin  
(202) 337-1189 or  
(202) 333-5140

JAPANESE AND AMERICAN BONSAI MASTERS

CONVERGE ON WASHINGTON, D.C.

A July 8, 1986 Gala on the grounds of the U.S. National Arboretum will highlight the summer horticultural scene in Washington, DC. For the first time in ten years, bonsai masters from Japan will be reunited with their trees which were a Bicentennial gift to the United States in 1976 and are housed by the National Arboretum. The Gala will be hosted by the National Bonsai Foundation, Inc., under the patronage of His Excellency the Ambassador of Japan and Mrs. Matsunaga.

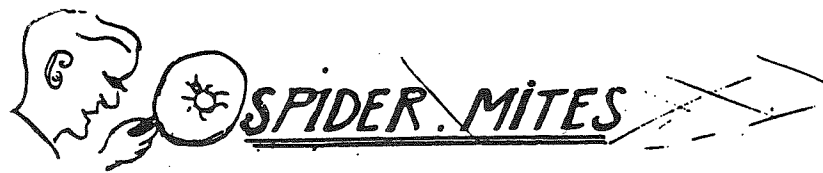
A party of about 30 Japanese bonsai masters and donors will travel to Washington for this commemorative event. The trip is being arranged by the Nippon Bonsai Association, which is Japan's premier bonsai organization and which was instrumental in arranging the original gift of the Japanese Bonsai Collection. Most of the principal bonsai masters in the United States are also

expected to attend the Gala, including John Naka of California. Mr. Naka has been significantly responsible for developing the art of bonsai outside of Japan and recently received the Japanese Medal of Honor--The Fifth Class of the Order of the Rising Sun--for his inspiring work in this field.

The bonsai in the Japanese Collection, which range from 360 to 40 years old, are on display in a special pavilion that was constructed at the National Arboretum. These dwarf trees were donated from the personal bonsai collections of the Japanese Imperial Household, several Japanese Prime Ministers, bonsai masters and other bonsai fanciers. They are living works of art, reflecting an ancient art form and horticultural practice that began over 2,000 years ago in China and was later adopted by the Samurai in Japan.

At the National Arboretum, there are now two full-time curators overseeing the maintenance of the Japanese Bonsai Collection. The Collection is the most popular exhibit at the National Arboretum, attracting over 85,000 visitors in 1985.

In addition to commemorating the Bicentennial gift of the Japanese Bonsai Collection, the July 8 Gala is a key element of a major fund raising drive by the National Bonsai Foundation to expand the Bonsai Complex at the National Arboretum. Corporate and philanthropic financial support is being sought to build new pavilions to house collections of American and Chinese bonsai. The expanded Bonsai Complex will thus reflect the entire historical evolution of the art of bonsai--from its inception to the present--and will make Washington, DC the unique center of bonsai in the world.



Are the needles or leaves on your bonsai turning pale green then brown beginning at the tips? Are there telltale spider webs running between your bonsai and on your bonsai yet no spiders are visible to the naked eye? Horrors, your bonsai have been afflicted with spider mites. These varmints can kill your bonsai if you don't take some preventive action. Of course one preventive measure is to use Dormant oil in the Winter when Winterizing your plants. This year I'm going to make certain that I do! The current hot, dry weather is the kind of weather they thrive in. Every afternoon around 3:00 p.m. when the sun has left my bonsai and they are in shade, I've gone out and sprayed the trees, especially the undersides of leaves, with the highest pressure spray that the trees can withstand. This was not entirely effective. The next step was to try Safer Agro-Chem's INSECTICIDAL SOAP for houseplants which is available in some local stores' garden sections. The webs still appeared and in some cases needles kept coming off of branches in spite of heavy dousings. The next step was to go to something with more oomph to it, - the old, well-known kelthane which is marketed under the tradename of Bonide. This has done a better job of holding down the spider mite population than either just the water-bath or water-bath and insecticidal soap.

For the local readers, you should be following Jack Eden articles which appear in the Saturday Washington Post under the title "Garden of Eden". The June 14th article gave an excellent rundown on spider mites. For the reader's edification, two articles follow which are reprints from past PBA Newsletters, - the first from the August '79 issue and the second from March '82. Thus you see that we've been struggling with the problem that has no complete solution, for a long time. GOOD LUCK!

Jules Koetsch

Readers may remember that a call went out last month requesting a cure for spider mites. Fortunately someone was listening. Charles Staines, head of the Baltimore County nursery inspection division of the Maryland Department of Agriculture, and a subscriber to the Newsletter, gave us the complete answer:

In this area there are three common species of spider mites: the twospotted mite (*Tetranychus urticae*) - yellowish body color with two reddish spots; the Southern red spider mite (*Oligonychus ilicis*) - red body color; and the spruce spider mite (*O. ununguis*) - dark green to black in body color. The southern red and two spotted mites attack most deciduous plants while the spruce spider mite attacks most conifers..

Chemical control of these pests is possible with kelthane, morestan, or cygon. Be sure to check the label before applying these chemicals. None of these materials totally-eliminate the mites, there will always be a few individuals which are not killed so repeat applications are necessary.

Washing plants with water tends to wash the adult and immature mites off the plant but the eggs are not affected, yielding another population build-up in about a month.

There are several groups in California which sell predacious mites which feed on these three mites. I don't have the addresses but watch Organic Gardening for their ads. One caution if you wish to go this route - be very careful using any pesticide around the plants after releasing the predators. These mites are very sensitive to many chemicals and can be wiped out very easily.

## A PLAGUE UPON THOSE SPIDER MITES

Most insect pests that plague the bonsai grower of indoor or subtropical plants are big enough to be seen and quickly dispatched before they inflict too much damage. However, the spider mites are the exception. This group of sucking insects are so small that the first sign of their presence is usually a stippling of the leaves, followed by a dulling or yellowing of the foliage and often leaf drop. A close examination of the leaf axils will reveal the tell-tale webbing from which these insects get their name.

We've all been told that spider mites thrive in warm, dry environments, thus explaining the customary winter infestation of house plants. Unfortunately, since there are at least three common types of spider mite with different temperature and humidity preferences we are likely to invite a new species while discouraging the old. For example, the microscopic cyclamen mite, which has a wide host range and feeds on buds and young leaves, develops quickest at 80-90% relative humidity and temperatures of around 60°F. The broad mite flourishes at a temperature of 70-80°F and high humidity, is smaller and more mobile than the cyclamen mite and feeds on the lower surfaces of young leaves, causing them to curl downward. The third commonly occurring mite, the two-spotted, is most prolific at high temperatures and low humidity, its short, two-week life cycle leading to a population explosion in the typical winter home atmosphere. This mite feeds on the under sides of mature leaves as well as on buds and flowers.

When bonsai are receiving their daily spraying to provide needed humidity, water droplets clinging to the spider mite's web will make it

clearly visible. Or with all three types of mite preferring to feed on the under surfaces of leaves, sometimes their presence can be detected by rubbing the leaf between the fingers. A grainy feeling on the fingers afterward is an indication that quick action is needed.

The most commonly used miticide is Kelthane. However, it has several drawbacks, not the least of which is that it should not be used indoors. Kelthane has been reported to cause phytotoxicity (which can take the form of leaf-burn, cupping or chlorosis, and distortion of leaf and flower buds) on chrysanthemums, gardenias, *Hedera* sp., and seedlings (types unspecified). Spider mites have also been reported to become resistant to repeated spraying.

The miticide, Pentac, has not been found to be phytotoxic to any species used for bonsai, and is now available in a formulation which can be used in the home. It is called Dexol Tenderleaf Whitefly & Mealybug Spray, Dexol Industries, Torrance, California 90501. Pentac is effective primarily against the eggs, but the spray also contains Resmethrin which rapidly kills the adults, and additionally, an insect growth regulator which should provide long term control.

In the past, precautionary spraying done every fall before plants went into storage or came into indoor growing areas had not prevented an outbreak of spider mite in the winter or early spring. Apparently the spider mite along with the aphid lays an over-wintering type of egg which will hatch when the indoor environment is suitable or when new growth starts. An insecticide which destroys the egg stage should help to break this cycle.

By Margery Craig,  
Brookline, Massachusetts

The above article is from ABSTRACTS Vol. 9 No. 5 of Nov. 81 published by The American Bonsai Society.

DISTINGUISHING FEATURES OF THREE SPIDER MITES		Cyclamen Mite	Broad Mite	Two-spotted Mite
Optimal Growth At	Temp.°F	60	70-80	70-80
	Humidity %	80-90	high	low
Life span, weeks		4	4	3-4
No. of eggs laid		100 +	100	100
Hatch, in days		3-7	3	3-7
Larvae move		Slowly	Rapidly	
Life cycle, weeks		+6	1	2 or less



# Bonsai Societies of Florida

## 14th Annual Convention

# Sept. 25-28, 1986

at the Dolphin Beach Resort  
4900 Gulf Blvd. St. Petersburg Beach

Featuring:

**Ben Oki, Master**

**Mary Madison**  
**Terry Davis**

**Jim Smith**  
**Dan Nelson**

EARLY BIRD REGISTRATION \* by JULY 16th - INDIVIDUAL - \$85.00

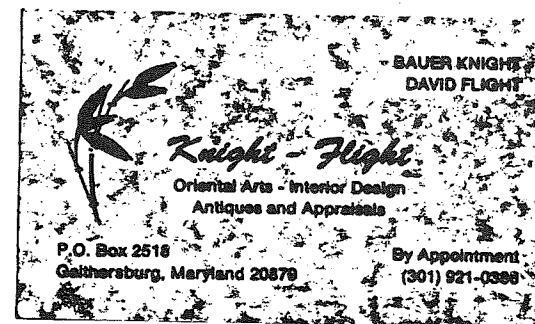
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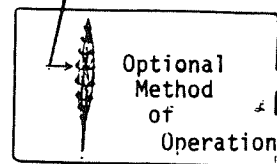
Fine quality pieces at fair prices.  
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### E. R. R. A. T. A

There's nothing like goofing up real big, - the front page of the last PBA Newsletter announced in big letters the dates of IBC '86 as being from July 9th which was alright but to July 23rd. That's more than any of us could stand! My apologies for the colossal goof but then I hope that everyone realized it should have read July 13th.

The second goof is that the following page was omitted from the article on Chinese elm. It should be obvious where it fits into the pictures' sequence, between pages 14 and 15.

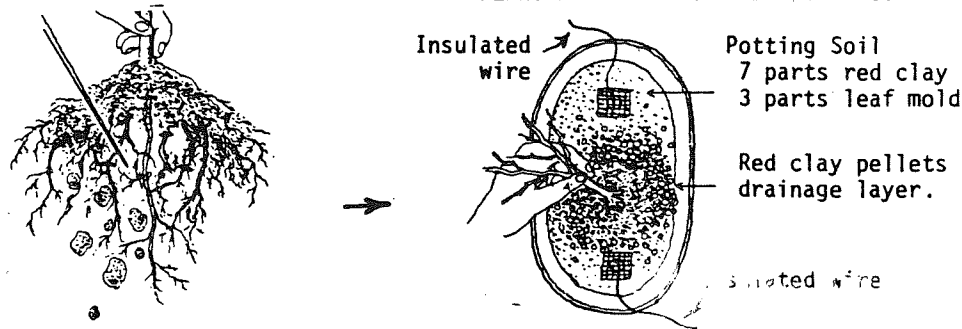
Hemp string



For the first 1 to 3 years after the leaves have fallen from the tree, apply wire and bend the branches together so that they can be wrapped in a bundle with hemp string. The string and wire are left on until the week of the Spring Equinoctial.

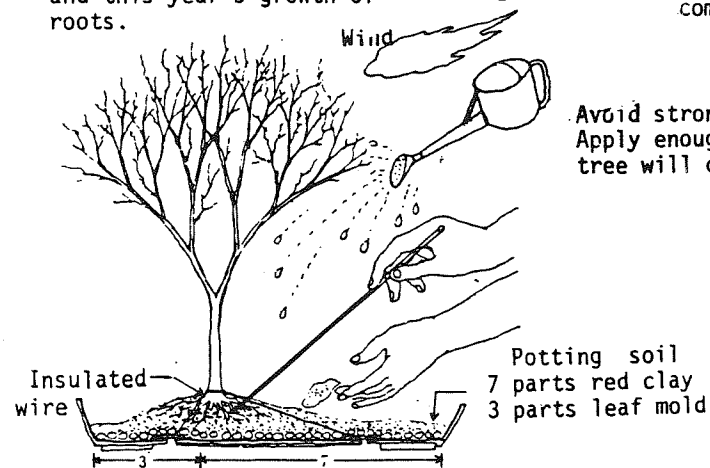
**FOURTH YEAR**

**PLANTING IN A BONSAI DISPLAY POT**



After taking tree from the pot, remove no more than one-half of the soil and this year's growth of roots.

In the pot first spread a thin layer of red clay drainage pellets and some potting soil, then place the tree and complete the potting.



Avoid strong winds  
Apply enough water on the tree will die.

Potting soil  
7 parts red clay  
3 parts leaf mold

Use chopsticks to work the soil into the voids or spaces between the roots. It is to one's advantage to stabilize the tree in the pot by binding it to the pot with insulated wire.

**BONSAI  
AND  
IKEBANA SUPPLIES**



"THINGS JAPANESE" 1721 Connecticut Ave., N.W. 331-7991

Things Japanese **COURTNEY GALLERY** Oriental Accents

at the Shoreham Hotel  
welcomes

**American Bonsai Society, Bonsai Clubs International  
& Potomac Bonsai Association**  
participants in

**IBC '86  
American Regional Bonsai**

We invite you to visit the Gallery, located just off the lobby. We specialize in antique and contemporary orientalia, including Bonsai Containers, Netsuke, Ivory Art Objects, Japanese Prints, Inro, Ojime, Lacquer Ware, Antique Embroideries, and selected furniture for that Oriental Accent. Bring in your vintage Jewelry, etc., and we will custom redesign it for Today's Look.

*Courtney Gallery* • Shoreham Hotel • 2500 Calvert Street, NW  
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MAJOR CREDIT CARDS ACCEPTED

# LIVING LEGENDS ABOUT PRUNING

AT THE U.S. NATIONAL ARBORETUM  
WASHINGTON, DC

You are invited to attend a program titled  
**LIVING LEGENDS ABOUT PRUNING**

**SUNDAY, JULY 6, 1986**  
**WEDNESDAY, JULY 9, 1986**

Join the staff of the U.S. National Arboretum in  
the Administration Building Auditorium at 1:30p.m.  
for **DEMONSTRATIONS/LECTURES ON:**

0 Brooklyn Botanic Garden Film on Pruning  
20 minutes - Color

0 Demonstrations on Grounds:

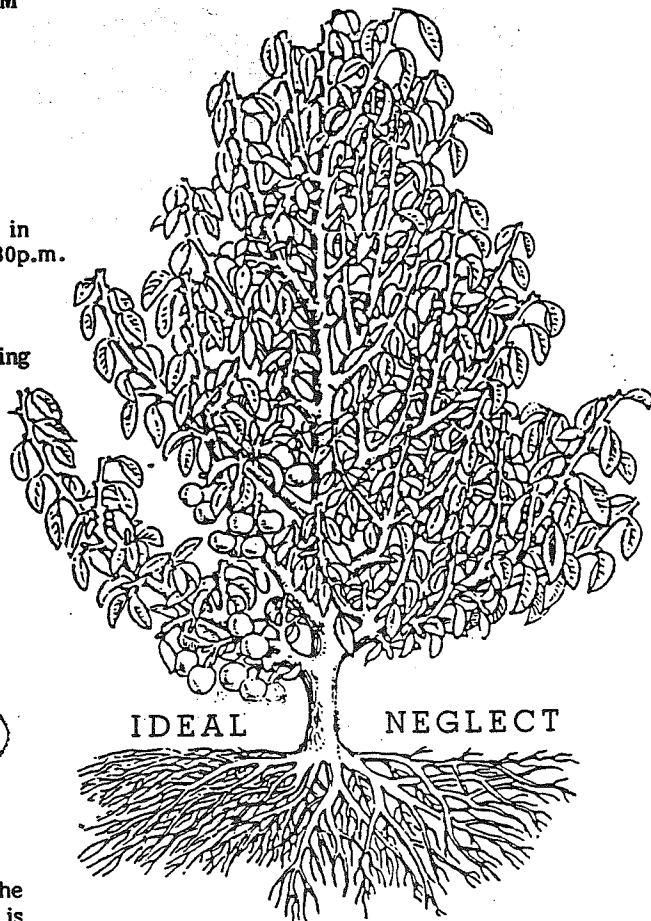
How to Prune Trees:  
Frank Santamour, Jr.  
Research Geneticist

How to Prune Fruit Trees/Vines:  
Loring Benedict  
Supervisor, Maintenance Staff

How to Prune Bonsai:  
Daniel Chiplus  
Assistant Curator, Bonsai Collection

Chemical Alternatives:  
H. M. Cathey  
Director, U.S. National Arboretum

The Arboretum is easily accessible from the beltway and downtown Washington. It is bounded on the west by Bladensburg Road, on the north by New York Avenue and on the South by M Street, N.E. Follow signs to enter from the gate at 3501 New York Avenue, N.E. Follow signs to the Administration Building. Ample free parking is available. To reach the Arboretum by Public Transportation-From Central Washington, take metrorail or bus No.42 to Stadium Armory Station; then change to bus B-2, B-4, or B-5 to the intersection of Bladensburg Road and R Street. Walk east on R Street 300 yards to the R Street gate.



A beverage will be provided by the Friends of the National Arboretum at 3p.m. A question and answer session will complete the visit.

U.S. Department of Agriculture, Agricultural Research Service  
U.S. National Arboretum, 3501 New York Ave., N.E., Washington, D.C. 20002



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