

PBA Clippings

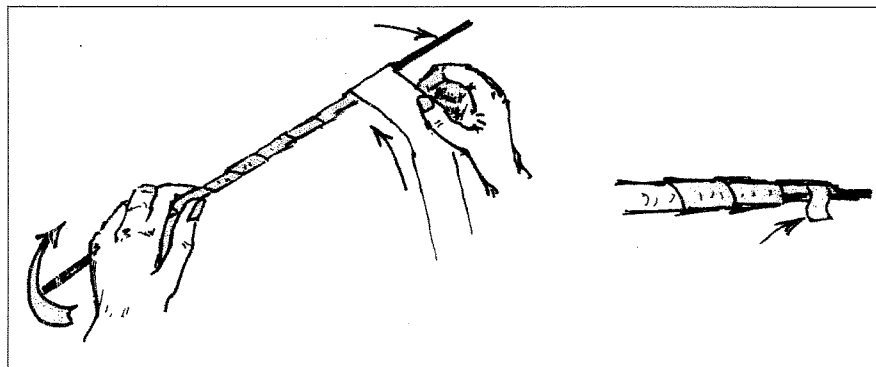
NEWSLETTER OF THE POTOMAC BONSAI ASSOCIATION



Dog Days' Digest, Part 2

by Jules Koetsch

TIPS ON ANCHORING PLANT IN POT, WIRING, JIN MAKING AND RESHAPING ROOTS.



Paper Wrapping a Wire

ED: Last month we covered tie-down and tree wiring techniques. This month we continue with wiring techniques, improving root spread and jin techniques.

Paper Wrapping a Wire

There also is the question of whether or not to leave wire in place on trees that are not wintered in some type of poly-house, greenhouse or protective cover where the temperature does not fall below freezing. The author of reference (1) warns that the cold winter winds may cause fissures to occur in the tree where the wire is left on. Some bonsai growers feel that leaving wire on during winter on some species, such as *Cryptomeria*, causes

branches to die. Hence, if the bonsai's trunk and branches are to be exposed to below freezing temperatures, one might consider removing the wire for the duration of the winter.

The author of reference (1) suggests that after wires have been bent, leaves that are in place may have their directions altered. Putting the tree in half-a-day shade for 4 to 5 days will ease the trauma on the leaves and help them adjust to a new, appropriate position on the branch.

Applying Wire

As always the wire is applied so that it does not bear snugly against the bark. The trick to doing this is to push against along

continued on page 5

20th Annual Potomac Bonsai Association Symposium

October 1st & 2nd, 1994

Crowne Plaza Hotel
Rockville, MD

Article and registration form on page 11. Please note that the plant material for the workshops was inadvertently omitted last month. Check the article again for the correction and read this month's editorial.

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From the Editor

Everyone is looking for a bargain and this year's PBA Symposium is a definite qualifier. Past surveys by Tony Meyer have shown that the most criticized item was the cost. This year's PBA Symposium puts that to rest with the rock bottom price of \$50 for members and \$80 for non-members that covers a day and a half of up to the minute lectures, demonstrations and workshops on bonsai. To be certain that you haven't missed anything in the pre-symposium writeups, here's a brief outline of what's what . . .

Saturday, Oct. 1 – Watch and be able to query two bonsai masters from California:

Roy Nagatoshi transforming a large, multiple trunk San Jose Juniper into a bonsai.

Lindsay Sheba making a bonsai from a Prostrate Juniper that he has field grown to be a bonsai.

Both demonstration trees will be raffled in the afternoon!!!

Buy some raffle tickets – you might be the lucky winner.

In addition, there will be other bonsai related items on the raffle table.

Sunday, Oct. 2 – Tree Critique scheduled for Sunday morning. Match your wits with the bonsai masters and see how your ideas for refining the designs of 10 trees provided by PBA members.

Workshops – scheduled for Sunday afternoon. Beginners in bonsai and those with some experience or many years of experience in bonsai can select a workshop and make their own exceptional bonsai.

There are 3 workshops limited to 10 people each. Sign up early!

Beginners' Workshop – All material (wire, pots, soil, trees) will be provided.

Bring tools. At this writing Bill Spencer is still deciding on the tree species.

Intermediate Workshop – Shimpaku grown for bonsai that are 16" to 18" high with about a 1" trunk diameter at the base will be provided. Plants will be in mica pots and will not be repotted. Wire will be provided. Bring tools and turntable.

Expert Workshop – Hinoki Cypress grown for bonsai that are 20" to 22" high with about a 1 1/2" trunk diameter at the base will be provided. Plants will be in mica pots and will not be repotted. Wire will be provided. Bring tools and turntable.

Bazaar – Will be open both days with all kinds of bonsai related items on sale. It is anticipated that there will be 10 vendors. A list of those at this writing includes: Bonsai Associates, Landscape Plant Growers, Lotus International, Meehan's Miniatures, Monestary Greenhouses, Nature's Way and Robert Thomas/Terry Adkins. Indoor plant materials should be available from some of the vendors.

Dinner – Saturday, beginning at 6:00 PM enjoy a sumptuous Chinese dinner and camaraderie.

Jules Koetsch

CALENDAR OF EVENTS

Meeting location and club contact number for additional information is as listed unless otherwise noted in calendar listing. A member of any one club is eligible to participate in any PBA or PBA member club event.

Baltimore Bonsai Club
Cylburn Arboretum
3rd Sunday, 1 PM
(410) 668-1868

Bowie Bonsai Club
Bowie Community Center
Last Monday, 7 PM
(301) 350-3586
(202) 667-1016

Brookside Bonsai Society
North Chevy Chase Recreational Center
3rd Thursday, 7 PM
(301) 365-7621

Chesapeake Bonsai Club
Paca Garden, Annapolis, MD
2nd Tuesday, 7:30 PM
(301) 261-8131

Greater Philadelphia Bonsai Society
Pennypack Watershed, Willow Grove, PA
4th Thursday, eve.
(609) 753-0311

Kiyomizu Bonsai Club
Clearwater Nature Center, Clinton, MD
3rd Saturday, 2 PM
(301) 645-3519

Lancaster Bonsai Club
Lancaster Farm and Home Center, Lancaster, PA
2nd or 3rd Wednesday, 7 PM
(717) 653-9102

Mei-Hwa Penjing Society
Bowie Community Center
2nd Sunday, 1 PM
(301) 390-6687

Northern Virginia Bonsai Society
Hidden Oaks Nature Center, Annandale, VA
2nd Saturday, 12 Noon
(703) 591-0864

Richmond Bonsai Society
Imperial Plaza, 1717 Bellevue Ave.
4th Monday, 7 PM
(804) 353-6674

Washington Bonsai Club
U.S. National Arboretum
3rd Saturday, 2 PM
(202) 296-2441

Organizations sponsoring regular events of interest to PBA members:

U.S. Botanical Gardens
(202) 226-4082

U.S. National Arboretum
(202) 475-4857

SEPTEMBER

Sun.-Mon. 4-5
Baltimore Bonsai Club
Bonsai show and demonstrations at Maryland State Fair, Timonium Fair Grounds, Timonium, MD, 10 AM - 10 PM both days.

Saturday 10
Northern Virginia Bonsai Society
Bill Merritt - TBA.

Thursday 15
Brookside Bonsai Society
7:00 PM - Beginners' Corner
7:30 PM - Club business
7:40 PM - Arschel Morell on Azaleas.

Sunday 18
Baltimore Bonsai Club
Dan Chiplis - Slide show on Japan trip.

Sunday 18
Kiyomizu Bonsai Society
Plant slabs made in June at Chuck Birds - Plant available.

Thursday 22
Greater Philadelphia Bonsai Society
Arschel Morell on Sai-kei

OCTOBER

Kiyomizu Bonsai Society
No meeting this month.

Saturday-Sunday 1,2
PBA Symposium
Crowne Plaza Hotel
Rockville, MD

Saturday 8
Northern Virginia Bonsai Society
No meeting this month.

Saturday 15
Washington Bonsai Club
???

Sunday 16
Baltimore Bonsai Club
Beginners' corner
Bonsai Videos.

Thursday 20
Brookside Bonsai Society
???

Sat.-Sun. 22-23
Baltimore Bonsai Club
Bonsai exhibit at Cylburn Arboretum, 10 AM - 3 PM both days.

Thursday 27
Greater Philadelphia Bonsai Society
Beginners' workshop.

ETCETERA

September 2-3, 1994
There will be a two day exhibit of the Minnesota Bonsai Society at the Minnesota State Fair. The show is judged and open to non-MBS members with advance registration. For details: Call 612-339-8088.

September 4, 1994
Santa Cruz, California
Santa Cruz Bonsai Kai will present its Sixth Annual Exhibition at the McPherson Center for Art and History, 725 Front St., Santa Cruz, California. Hours are 10 a.m. to 5 p.m. Demonstration by Katsumi Kinoshita assisted by narrator-illustrator Richard Deki. Plant sales, door prizes, tea and cookies. For information, phone 408-685-8155.

September 17-18, 1994
San Mateo, California
Announcing the Annual Bonsai Exhibit at the Central Park Recreation Center, located at the Central Park Recreation Center at 5th Avenue and El Camino Real in San Mateo. The hours are noon to 6 p.m. on Saturday and on Sunday 10 a.m. to 6 p.m.

September 24-25, 1994
Richmond, Virginia
Virginia State Fair Bonsai Exhibit, Horticultural Pavilion, Virginia State Fair Grounds. Juried Show with awards. For more information contact Richmond Bonsai Society, (804) 353-6674.

TIPS FOR SEPTEMBER BONSAI CARE

Coniferous

Check old wire or wire initially.

Prune sprouts on Hinoki Cypress, Larch and Cryptomeria.

Prune unwanted branches on Black Pine and White Pine.

Repot if required: Hinoki Cypress, Blue Moss Cypress, Black Pine, Red Pine, Spruce and Yew.

Deciduous, Flowering and Fruiting

Remove wire on Beech, Cotoneaster, Elm,

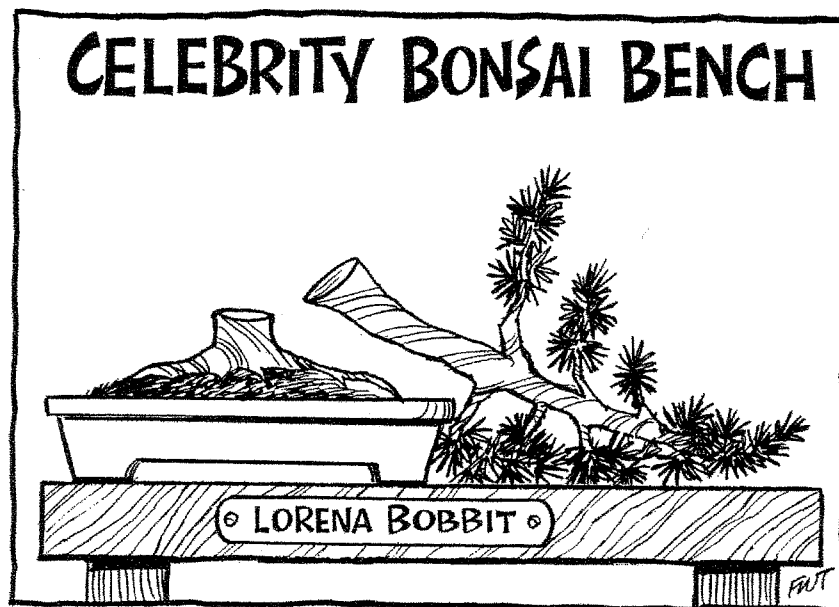
Gardenia, Pomegranate, Winter Jasmine and Wisteria.

Apply insecticides where insect damage is evident.

Fertilizers: Apply at the rate one has been using but switch from a high nitrogen (N₂) to one high on Phosphorous (Ph). Remember the primary markings on a fertilizer always indicates in order the amount of N₂, Ph, and K (Potassium). For example: Peters 5-50-17 "Root 'n' Bloom" is read as

5 parts N₂, 50 parts Ph, and 17 parts K. The high Ph content is supposed to encourage root growth prior to winter dormancy as opposed to N₂ which stimulates foliage, trunk and branch growth.

Watering: Check your daily watering for it may be too early to do only one watering per day. Some plants, depending on their exposure to sun and wind, may require a morning and late afternoon watering.



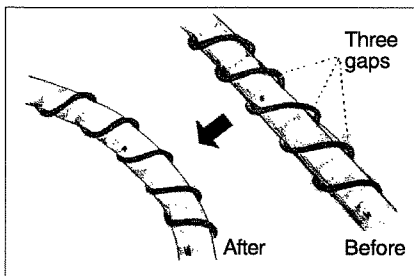
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Dog Days' Digest, Part 2

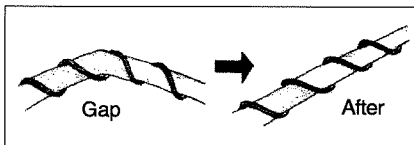
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the axis of the wire as it being coiled, see reference (2).

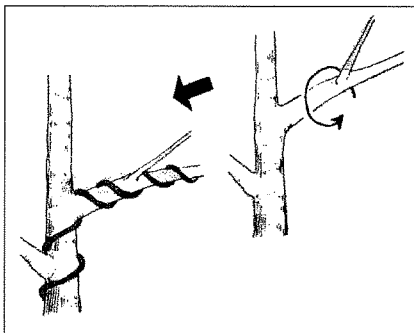
In addition to the above, it is advisable to allow a small gap between the bark and the wire where a bend is to occur so that the bark and wire are not forced into each other during the action of bending the branch. See the accompanying sketches.



Putting a Bend in a Branch

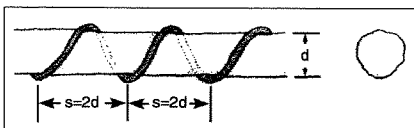


Taking Out the Bend in a Branch



Aligning a Side Branch

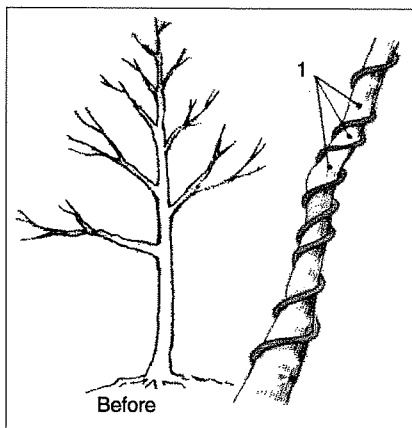
The side branch in the sketch is to be brought more horizontal. Hence the wire is coiled so the turns are in the direction as shown. Note the two turns around the trunk are to give the wire a good, stable start.



The spacing between turns of the wiring is often described in terms such as making a 45° angle with the branch. The same result is obtained if one simply spaces the coils so that the spacing between coils (s) equals 2 times the diameter (d) of the branch or trunk.

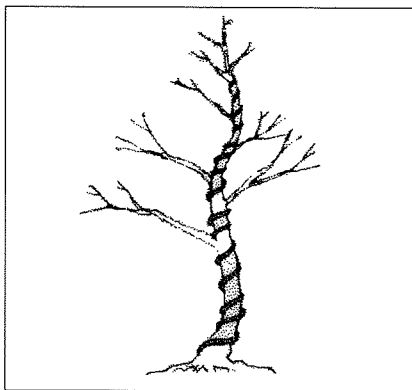
Training the Main Trunk

There are one of two conditions that one wishes to correct, either the trunk is to be curved a certain way or one desires to make a formal upright, i.e. a ramrod straight trunk. The procedure for curving the trunk is identical to that for bending branches.



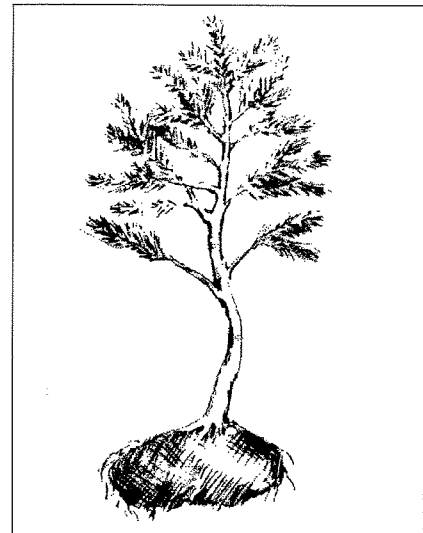
Training the Main Trunk

1. This part of the tree has an unwanted bump. Wire so that there are open gaps in the spiral.

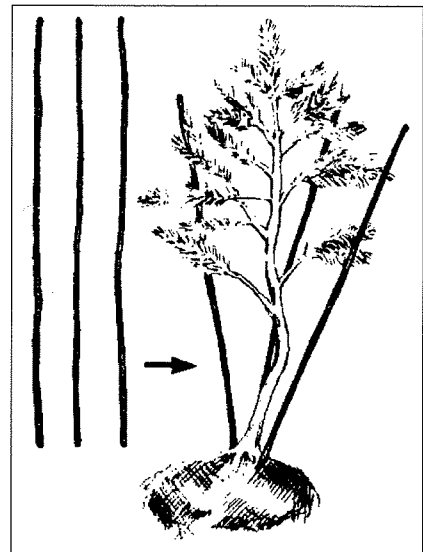


After the Wiring and Bending.

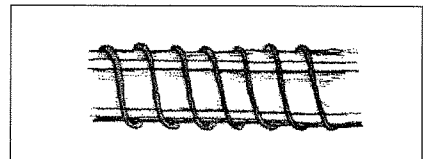
Steps in Making a Formal Upright



1. Tree has a slightly undulating trunk.



2. Cut 3 sturdy copper wires of the length of the trunk and insert them in the soil so they are equally spaced around the tree.



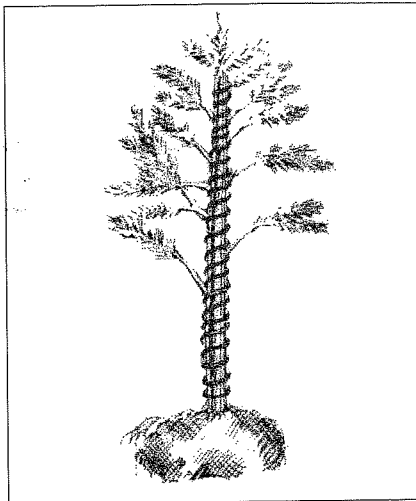
3. Take thin copper wire and in a tighter than 45° spiral, wrap it around the tree so that the trunk is completely straight.

Wiring for an Informal Upright

One can try the above technique for straightening a trunk but in my limited experience, the above method does not do as thorough a job as the following procedure:

Dog Days' Digest, Part 2

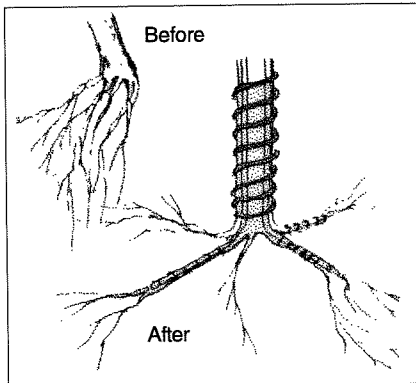
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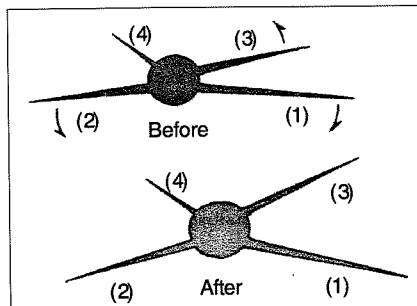
4. Appearance of the tree after wiring is complete.

Non-spreading Roots

If the tree has roots that favor one direction due probably to the way it was initially planted, one can extend the vertical rods so that the roots can be wired to them. This procedure, performed according to reference (1), is one which I have a little concern with since roots do not want to grow where copper is adjacent to them.

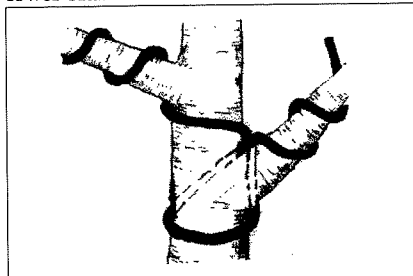


Positioning Main Branches

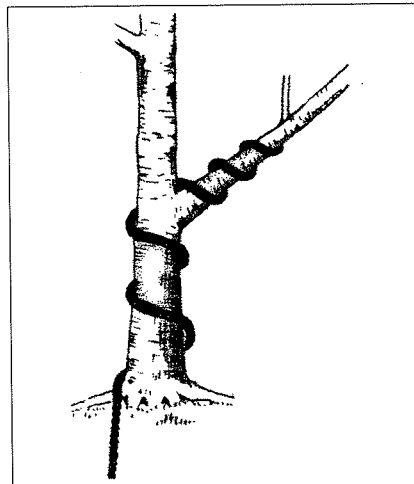


Branches (1), (2) and (3) need to be repositioned by wiring as shown in the "After" sketch.

It is good practice to sight down on the branches from above the tree to determine whether it is feasible to wire for bending any branches that overlap each other thereby restricting light from reaching the lower branch.

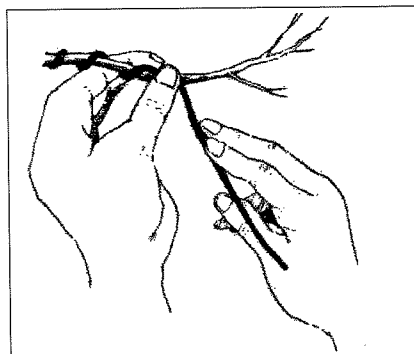


Where the distance between two branches is not too great and the branches are not too different in thickness, one piece of wire can be used and anchored by at least one turn around the trunk.

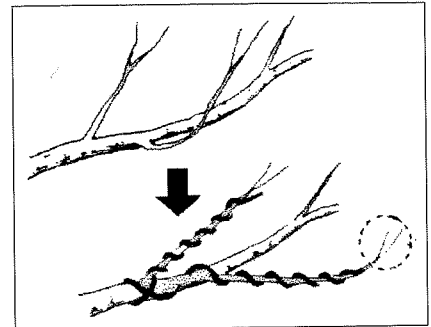


If one wire cannot wire two branches, then anchor the wire with at least two turns around the trunk. For the number (1) branch the wire can first be thrust into the soil before taking the first turn.

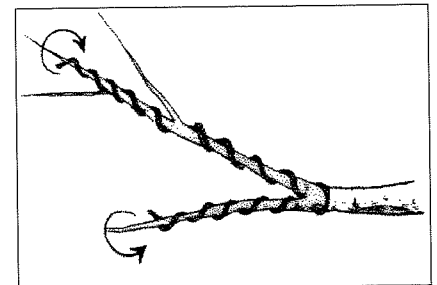
Wiring Secondary Branches



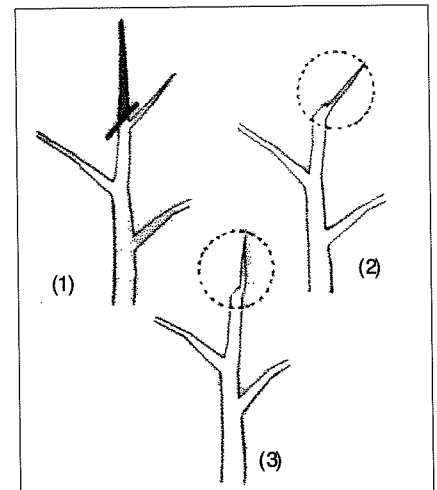
Small branches should be wired not only to refine the tree's shape but to also guard against breakage.



One piece of wire is used for 2 branches. The tips of branches naturally tend to point upward to the light. Wire up to just short of the tip of the branch to permit the tip to turn upwards if more length is desired in the branch. (Note the crossed wire at "X" in the figure. Apparently this is permissible since there is only one crossing of the wire.)



Use of one wire to spread apart 2 branches. Note that the turns are in opposite directions to facilitate moving the branches apart.

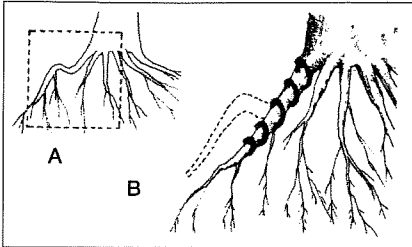


Establishing a New Top

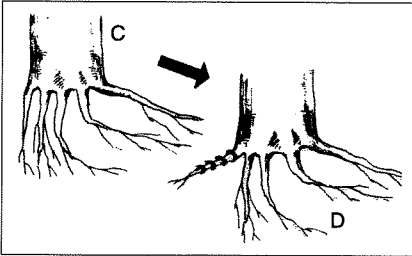
(1). Shows where tree is topped. Preferably top so that the branch below the cut faces the front of the bonsai.
 (2). Shows the resulting shape if the branch is not wired into a vertical position. This is especially undesirable if the branch is not facing directly to the front.
 (3). Desired final position of branch which is achieved by wiring it to grow vertically.

Improving Root Spread

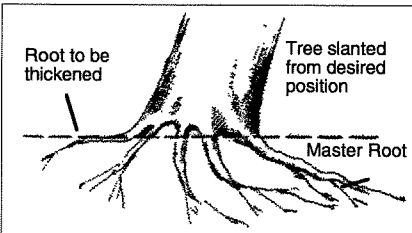
Thick, spreading roots are the first feature that the Japanese look for in any potential bonsai material. The top surfaces of the heavy roots should be able to be seen breaking the surface of the soil in the pot thereby enhancing the impression of great age for the tree. Here are a few tips on how to improve your bonsai.



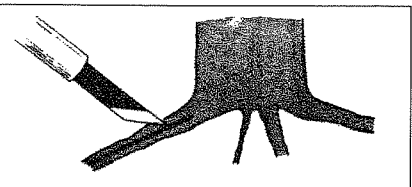
A. The dotted box shows a large root that may be found on a collected tree.
B. Wire is used to straighten the kink.



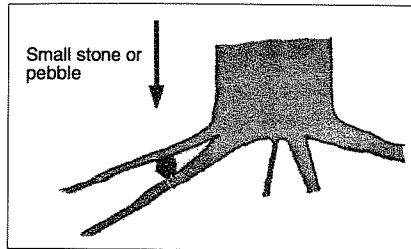
C. Roots are growing to one side.
D. Wire the roots so that they radiate in the desired directions.



E. Where there is a small root growing in the right direction and it is slightly below the soil line when the tree is in the desired vertical position, one can temporarily tip the tree to give the smaller root more exposure to the air. This will hasten the thickening of that root so that it may catch up to the master root.



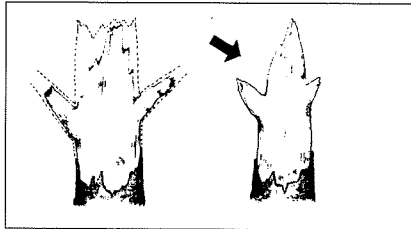
F. Sometimes there is a root which is much thicker relative to other roots or disproportionate in thickness to the other roots.



G. Split the root using a pocket knife or the like and insert a small stone or pebble to spread the roots and hold them apart.

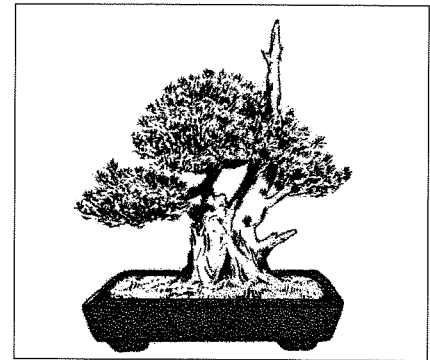
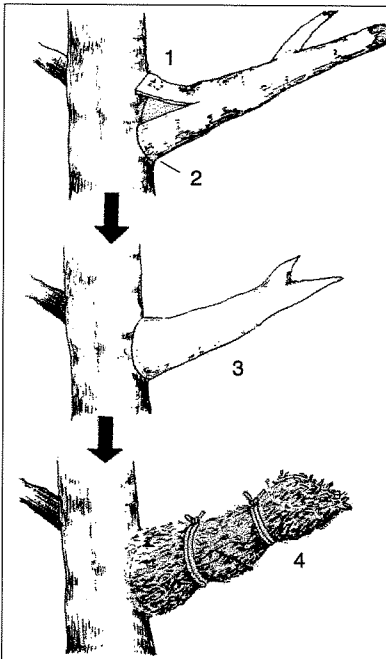
JIN MAKING

Sometimes an unforeseen event damages the top of a bonsai or a branch dies, especially a main branch. The aesthetic value of the tree may be regained by making a jin on the problem section. The following supplements what appeared in reference (3).



Jin on the Tree's Peak
Use a wood chisel to remove wood from the original shape (dotted line).

Jin on a Branch



Jin is effective on certain plant material such as Cryptomeria and Junipers.

REFERENCES

- (1) *SHAPING and PRUNING BONSAI: with Explanatory Diagrams*; Orrukara 1st printing; Ishiki Shin Chicho Yuki Shobo (in Japanese).
- (2) *THE WIRING GIG*; Dave DeGroot and Jules Koetsch; PBA Newsletter, Vol.20 No.8; August 1990.
- (3) *WAYS TO PRODUCE JIN AND SHARI*; Jules Koetsch; PBA Clippings; Vol. XXIV, No.7; July 1994.
- (4) *LIME-SULFUR*; by Ken Goljan; PBA Clippings; Vol.23, No.12; December 1994.

YOUTH EDUCATION UPDATE

by Jack Cardon

It has been about a year since I last reported on the status of the Youth Education Program. My silence does not mean that the Program no longer exists. On the contrary, it is well and growing -- slowly.

During the past year eight schools indicated an interest in the Program. Three of them canceled or changed plans for one reason or the other. In the five schools which were visited, approximately 215 students were involved. One of the schools was a middle school; the others were high schools.

Two of the high schools, Thomas Jefferson High School for Science and Technology in Virginia and Damascus High School in Maryland, had us back for the second time. This is encouraging because it not only indicates satisfaction with what we did last year, it also helps build a "clientele" which will keep us in business and possibly bring other schools into the program.

Admittedly, the numbers are not too impressive but they are better than last year. Patience is required in this business. Fifty letters may not evoke any response. A demonstration before fifty teachers may arouse real enthusiasm but it may be short lived. On the other hand, out of the clear blue sky there may come a request for a visit from a teacher who heard about the Program without ever having seen a demonstration or received a letter. Other invitations may come through the Arboretum. One never knows.

What is taught in the Education Program? That depends on the amount of time available. The average school period in high school is about fifty minutes at most. Some of this may be taken up by announcements or other administrative matters. Take off at least three minutes for the

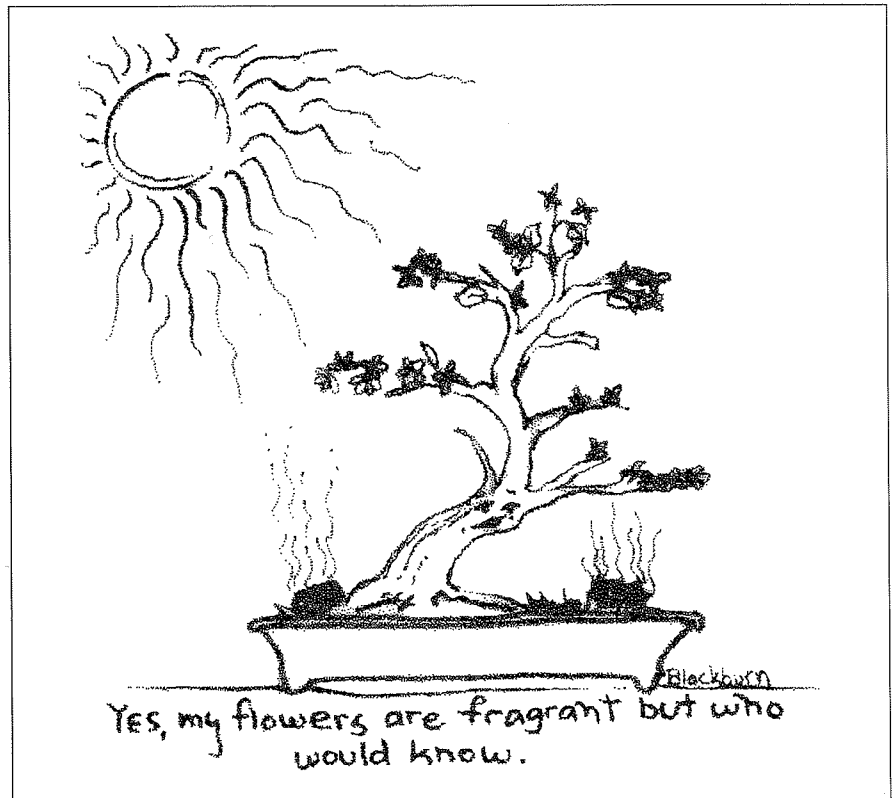
reluctant pace of a teenager going into the classroom and you have left about forty minutes for bonsai.

When only one period is available the students are shown a video tape produced by the Puget Sound Bonsai Association which features Roy Nagatoshi doing a demonstration of styling a cascade using a juniper from nursery stock. This takes about fifteen minutes, leaving approximately twenty five minutes to give an informal talk about bonsai in general, discussing such aspects as styling, potting, maintenance, etc. This is done with the help of a styled tree from one's own collection. Students are encouraged to ask questions and the types of questions obviously determine the direction of the discussion.

If two or more class periods are available, it is possible to follow the

tape with a live demonstration. This may seem like going from the sublime to the ridiculous after a tape of Roy Nagatoshi, but, with due respect to Roy, the students enjoy seeing a lot of branches clipped off and the roots pruned right before their eyes even though it is not done with Roy's expertise.

The real challenge comes when the class has time to learn how to start a bonsai. That was done last year and again this year for students at the Thomas Jefferson High School for Science and Technology where the instructor plans his schedule to include three or four periods devoted to bonsai. At Damascus High School the teacher allowed two periods for two classes but some of the students were so interested that they were willing and anxious to come after school for "hands on" instruction.



What has been the reaction of the students? In general, the reaction has been quite good. To be sure, there are students who doze off for a few "zss" when the lights are dimmed for the tape, but the vast majority show appreciation for the sessions. They are particularly interested in seeing a demonstration and being given a running explanation of what the demonstrator is doing and why he is doing it. Such a reaction is not surprising for everyone is impressed by a demonstration, at least for the first time. What is surprising is the students' fascination when a styled tree is brought to class and they can see a bonsai up close, touch it, see the wiring, and ask questions. For many it is a first time experience!

Perhaps the most gratifying reaction is the desire on the part of the student to start his or her own tree. Not all show that much interest, but when some do it is most rewarding. At Thomas Jefferson students said they looked forward to the bonsai period as the best part of the day (but don't tell the teacher) and, as previously indicated, some students at Damascus wanted to stay after school to start some small Mugo pines, which we were able to purchase from a nursery down the road from the school. Everyone seemed to enjoy the experience and their thank you notes were heart warming and made all the effort worth while. One of the letters (from a track man) is worth quoting:

"I really enjoyed the Bonsai class you guys did. I thought it was much better making my own than watching you guys do it. My mom loved the tree when I brought it home. I hope you guys come back next year because my mom wants another one for by our pool. But next time I would appreciate if you offered the

class after track season (late May). Thanks for coming and spending your time with us...."

Last, but not least, it must be reported that Janet Lanman joined the "faculty" and helped with the program during much of the past year. Her expertise is as well known as her generosity in sharing that knowledge. An added bonus -- she has had teaching experience which no doubt accounts for her appeal to the students. All of which is much appreciated!

PBA Invited to Virginia Arboretum for Collection Visit by Pete Jones

Dr. Christopher F. Sacchi, Curator of the State Arboretum of Virginia wishes to invite the Potomac Bonsai Society to a collecting trip at the Arboretum on October 8, 1994, from 9:00 a.m. to 5:00 p.m. Collecting will be allowed in several areas designated by Dr. Christine Flanagan, assistant Curator.

Dr. Flanagan asks that each club designates a group coordinator to be responsible for helping her keep track of who is collecting where. Please call Pete Jones no later than September 24, 1994, to confirm the approximate number of your club members that will accept this invitation.

This will be a good opportunity for club members to obtain interesting materials. Collecting areas will include the maple grove, oak/cedar grove, and the naturalized meadow. In all of these areas, growth of open-

pollinated woody seedlings has been suppressed by infrequent mowing over many years. Also, some seedlings (several years in age) of open pollinated boxwood will also be available.

All of these areas are quite accessible, and easy to get to.

The arboretum may have a wheelbarrow or gardening cart that can be used in each area. As with any collecting, we want to fill in the hole once you have removed a plant.

The Arboretum has a picnic area which we are welcome to use. We can use the class room for a quick meeting before the collecting starts. I believe this would be a good opportunity to become familiar with the State Arboretum of Virginia. I can only encourage you to take advantage of this wonderful offer. The 170-acre Arboretum has nearly 1,000 species and varieties of woody plants, including many old and beautiful species of boxwood, conifers, and maples

We wish to thank Drs. Sacchi and Flanagan and the Arboretum staff for the invitation. I don't remember the Potomac Bonsai Society ever receiving such an offer. As a courtesy to the Arboretum I believe a donation of \$2.00 per collected plant should be made to the "Friends of the Arboretum".

PBA Group Soil Purchase

Roy Nagatoshi has agreed to sell and ship us Bonsai soil. The price is \$7.50 for 1 cubic foot (about 25 pounds). The shipping cost will be based on the total pounds ordered.

I have used this soil and have found it to be exceptionally good for drainage and promoting root growth. It can be recycled, I let it dry in the sun, on a wire mesh rack I made. It does not pack down as other soils I have used. I have achieved outstanding root growth on bonsai planted in this soil. Drainage is perfect. In discussing this soil with Roy, he recommends adding more organic material for deciduous trees.

For years, I have been asking Roy to sell me more of his soil but he seemed reluctant. Roy kept telling me that I could find good soil on the east coast. In 1992, when Roy was here, I showed him the differences between his soil and the soils I could purchase. I showed him some of my Bonsai planted in his soil and the same plant material planted in soils I had purchased. I believe Roy could see the difference, so this year, he has agreed to sell and ship soil to PBA.

I have checked shipping prices with UPS and Overnite Freight Co. If we can combine an order for all of the PBA clubs, the shipping price will be much cheaper. A 150 pound parcel shipped via UPS cost about \$75.00. Overnite freight company gave me a price of \$268.00 for 500 pounds. I asked Overnite Freight Co. for prices on a shipment of 50 bags=1250 lbs would cost \$0.45 per pound and a 100 bags=2500 lbs would cost approximately \$0.39 per pound. As you can see, shipping is not cheap.

I would appreciate it, if each club interested in obtaining soil from Roy Nagatoshi, would let me know how many bags of bonsai soil they wish to order. If each club's treasury would collect the fees, and the names, I believe it will be much easier to keep the soil order straight. I would like to have arrangements completed no later than Sept. 30, 1994.

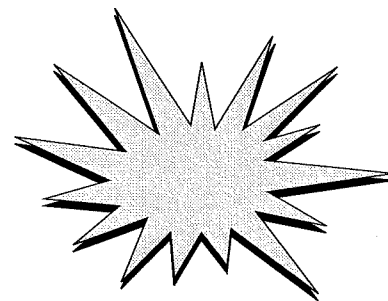
Please work with your club, so that one person in your club has the information. It will make this a smooth process and everybody will benefit by receiving an excellent Bonsai soil.

One (1) cubic foot bag of Bonsai soil which is approximately 25 lbs costs \$7.50. This is a good price for the soil. The sad part is the \$0.50 per pound shipping cost. This raises the price of a 25 lb. bag of soil to approximately \$20. The more soil we order, the lower the per pound shipping price will be. We will let you know if this amount will cover the shipping cost once all orders are received. Your quick response will help us ascertain shipping cost.

World's Biggest Tree

Where in the World Is the Biggest Tree? It's not in the Amazon rain forest, nor is it in the Pacific Northwest. The big surprise is that it's in an urban setting! The largest living tree, in terms of total weight, is thought by some experts to be a 3500 year-old Montezuma cypress (*Taxodium mucronatum*) in the village of Tule, near Oaxaca, Mexico. The tree of Santa Maria Del Tule is 38 feet in diameter, stands 141 feet high, and measures about 150 feet across its crown. It appears healthy and has its own full-time caretaker.

Source: "World's Largest Tree?" Arbor Day, March/April 1993, 6. (The National Arbor Day Foundation, 100 Arbor Ave., Nebraska City, NE 68410.)



Blast That Heavy Soil! (Literally!!)

Japanese and Chinese researchers report success in improving the physical properties of heavy clay soils using a machine which cuts parallel 28-inch-deep slots, injects sewage sludge into the slots, and buries explosive charges (held in vinyl tubing) in the slots. When the charge is detonated, the soil is loosened and shattered, and the sludge becomes mixed in with the soil. According to researchers, adding the sludge results in lower energy requirements for the blasting; it also adds organic material throughout the upper layers of the soil.

More research is needed before the blasting technique can be commercialized. It doesn't seem appropriate (or safe) for Do-It-Yourselfers, but perhaps in the near future "field and garden blasters" will be making the rounds each spring, just as tillers-for-hire do now.

Source: K. Araya, R. Gao, S. Tsumematsu, and K. Ochi, "Loosening of Dense Clay Soils by Linear Blasting," *Journal of Agricultural Engineering Research*, February 1993, 113-126. (Academic Press, 111 Fifth Ave., New York, NY 10003.)

20th Annual Potomac Bonsai Association Symposium

October 1st & 2nd, 1994

Crowne Plaza Hotel, Rockville, MD

Preliminary Program:**Saturday, October 1**

8:00-9:00	Registration & Bazaar Open
8:00-5:00	Bazaar Open
9:00-4:00	Bonsai Exhibit
9:00-12:00	Demonstration by Roy Nagatoshi and Lindsay Shiba
10:00-10:30	Coffee Break
12:00-1:00	Lunch (included with registration)
1:00-4:00	Roy Nagatoshi and Lindsay Shiba (continued)
4:00	Raffle of Demonstration Trees
6:00	Cocktails at Fortune Restaurant (cash bar)
6:30	Dinner at Fortune Restaurant

Sunday, October 2

9:00	Bazaar and Exhibit Opens
9:00-11:00	Roy Nagatoshi Tree Critique (approx. 5 trees)
11:00-1:00	Lindsay Shiba Tree Critique (approx. 5 trees)
1:00	Completion of Symposium
1:00-2:00	Lunch (not included with registration)
2:00-6:00	Workshops (Extra Fee to Participate or Observe) 1. Beginner - Spencer 2. Intermediate - Lindsay 3. Expert - Nagatoshi

Note: Workshops require prior registration.

PBA Symposium 94 is going to be a piece of bonsai heaven. You are going to want to be there. In part, because you made the suggestions last year to help plan it.

- **DIVERSITY.** PBA Member's Tree Critiques - Bonsai Exhibit - Beginners, Intermediate and Advanced Workshops. New this year will be a complete rework of the schedule. Saturday will be devoted entirely to the demonstrations by Roy Nagatoshi and Lindsay Shiba. This will provide all participants ample time to watch the experts work, Sunday morning is devoted to tree critiques which will be educational and enjoyable for all registrants. The general symposium will end at noon with all workshops conducted Sunday afternoon.

- **LOW COST.** The Symposium registration fee is lower than ever — \$50 — the most reasonable symposium in the USA! Workshop registration fees will subsidize

nothing but the cost of instruction and materials. Chris Yeapanis, Symposium Chair, really went to school on this one.

- **FOCUS.** Total bonsai immersion. We have a completely reserved area at the Crowne Plaza Hotel, with workshop breakout rooms and 10 vendors. **FREE PARKING.** Nothing to distract.

- **BONSAI DISPLAY.** You all wanted this to happen. A PBA mini-show. Chris Yeapanis, Symposium Chairman, is going to set up a real winner!

- **BEGINNERS WORKSHOP.** You all wanted this to happen. A workshop for newer members with limited experience.

- **HEADLINERS BEYOND BELIEF.** Talent, fame and downright good teaching brought to your PBA door! Roy Nagatoshi will work wonders on a PBA provided San Jose Juniper which with large multiple trunks should present a real challenge. Roy's workshop will feature field grown Hinoki Cypress, 18"-22", potted in mica pots. Lindsay Shiba will work on a Prostrate Juniper he has field grown. Lindsay's workshop will be with field grown Shimpaku Juniper, 12"-14", potted in mica pots. Both will conduct demos and workshops with gorgeous material. Credentials? The newsletter isn't long enough — but here are a few one-liners about each headliner.

Roy Nagatoshi: Although born in the United States, Roy received his early education in Japan, returning in 1957 at age 13. First encounters with bonsai began in 1959 as he worked side by side with his father, Shigeru, learning about different kinds of trees, pruning, wiring, shaping and potting. He also attended classes under John Naka. These experiences touched off nostalgia, as he was reminded of the trees, mountains and shorelines of Japan. He fell in love with bonsai.

In 1965, encouraged by Mr. Iura, his father's bonsai master, the family established Fuji Bonsai Nursery in Sylmar. Father and son conducted bonsai classes there. Roy's Bachelor of Science degree in Ornamental Horticulture from California State Polytechnic University and State Landscape Contractors' License were both earned in 1975.

From that time on, Roy has conducted many workshops and demonstrations at major events (including IBC and GSBF) internationally as well as in the continental United States, and four years of teaching at Santa Barbara Community College.

He is associated with the California Bonsai Society, Kofu Bonsai Kai, Sansui Kai and Descanso Bonsai Society.

Lindsay Shiba: Bonsai training for this new generation artist, Lindsay Shiba, began in 1970 with his father, Katsumi Shiba (who had learned from John Naka), and continued with formal training from Khan Komei. Tying in with his enthusiasm for the bonsai art, his academic study resulted in a Bachelor of Science degree in Ornamental Horticulture from California State Polytechnic University, Pomona.

At present, Lindsay manages the family nursery in Upland, California. Upon his father's eventual retirement, he plans to continue there. They offer bonsai clinics at the nursery and intend to do so as long as they are able. As a teacher, he has displayed his expertise through numerous club events, including presenting a workshop at Golden State Bonsai Federation's 1993 Convention in Irvine, and is scheduled to do a workshop at the International Bonsai Congress 1994 Convention.

But remember: These headliners are all focused on good teaching and facilitating, not their credentials. They are all committed to working flat out for us, and getting us to work flat out with them. So — there are **WORKSHOPS** to suit every taste. Pick your headliner, sharpen your tools and register now!

Finally, good bonsai club socializing. Expect the lunch to be great this year. Jerry Antel is in charge of that one! And on Saturday there will be space reserved for an optional \$17 dinner (please indicate reservation on registration form) at the Fortune Restaurant. Cash bar begins at 6:00 PM with dinner at 6:30 PM.

There you have it. Great plans. Now for you. PBA has great members. A lot of talent. A long history working with bonsai. Lots of new members filled with enthusiasm. PBA is a great crowd to be with. So get your pen out and fill out the registration form today!

PBA Symposium Registration Forms

Please photocopy or cut this page on the dotted lines and mail the top portion with symposium/workshop(s) fees (payable to Potomac Bonsai Association) to Jerry Antel and mail the bottom portion with payment or credit card information directly to the Crowne Plaza Hotel if a room is desired.

Please note the deadlines of September 17 for symposium registration and September 10 for guaranteed group rate hotel rooms.

Mail this portion directly to Mr. Jerry Antel, 6409 Middleburg Lane, Bethesda, MD, 20817; (301)320-5251.

I/we wish to attend:	Non-Member*	Member	Number	Total
Lecture/Demo Program (Workshops separate—see below):				
Entire Program (Sat & Sun)	\$80.00	\$50.00	_____	_____
(Workshops open to full registrants only)				
Workshops:				
Nagatoshi (SUN)	\$90.00		_____	_____
Shiba (SUN)	\$75.00		_____	_____
Beginners (Sat)	\$25.00		_____	_____
Saturday, October 16, Dinner at Far East	\$17.00		_____	_____
	TOTAL DUE		_____	_____

* Non-member registration fee includes one year membership to PBA including subscription to *PBA Clippings*.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE: (Office) _____ (Home) _____

Member of:

<input type="checkbox"/> Baltimore Bonsai Club	<input type="checkbox"/> Lancaster Bonsai Society
<input type="checkbox"/> Brookside Bonsai Society	<input type="checkbox"/> Mei-Hwa Penjing Society
<input type="checkbox"/> Bowie Bonsai Club	<input type="checkbox"/> Northern Virginia Bonsai Society
<input type="checkbox"/> Chesapeake Bonsai Society	<input type="checkbox"/> Richmond Bonsai Society
<input type="checkbox"/> Greater Philadelphia Bonsai Society	<input type="checkbox"/> Washington Bonsai Club
<input type="checkbox"/> Kiyomizu Bonsai Club	<input type="checkbox"/> Other _____

For symposium registration, please make checks payable to: Potomac Bonsai Association

Mail this portion directly to the hotel for room reservations.

Holiday Inn • Crowne Plaza
 1750 Rockville Pike, Rockville, Maryland 20852 (301)468-1100
 1-800-638-5963 (USA) 1-800-492-1331 (MD)

Please Reserve _____ room(s) for _____ persons

Name _____

Address _____

City _____ State _____ Zip _____

Telephone (business) (_____-) _____
area code

Telephone (home) (_____-) _____
area code

Arrival Date _____

Rates:	Single	Double Occupancy
2 Double Beds	\$79.00	\$79.00
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Suite	_____	_____
Other	_____	_____
Extra Person Charge	\$10.00	_____

Rollaway beds are additional.
 Children under 12 stay free with their parents.
 The above rates are subject to the applicable state and city taxes, currently 12%.

Potomac Bonsai Association
 Name of Group or Organization

4369 9/10/94
 Group Number Reservation cut-off deadline

Reservations received after the above date are subject to availability at the prevailing rate.
 What time do you expect to arrive? _____
 Departure Date _____

Rooms which are not guaranteed will be honored until 6:00 PM. We suggest that all reservations be guaranteed by enclosing a check or money order (payable to Crowne Plaza Holiday Inn) for the first night's room rate plus 12% tax, or a credit card number and signature.

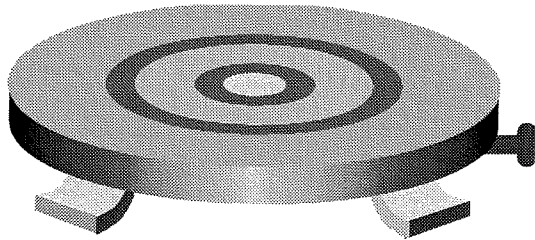
Diners Club _____ CarteBlanche _____ AmericanExpress _____

Visa _____ MasterCard _____ Discover _____ Choice _____

CardNumber _____ Exp.Date _____

Signature _____

Cancellation: A guaranteed reservation will be held all night. Should you need to cancel your reservation prior to arrival, please cancel no later than 6:00 PM the day of arrival, or you will be charged for (1) one night's room and tax. (Make sure you get a cancellation number).



The Turntable

by Sensei Sam

I have no answers this month but two good questions came in and I need help on these.

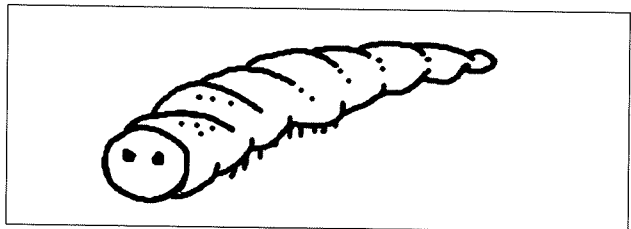
Q. *Alpine fir: At the '93 PBA Symposium I took Jim Doyle's workshop on Alpine fir. Mine is still surviving but I understand others didn't make it. I would like to compare notes with anyone whose specimen did survive after the workshop or anyone who is successfully growing Alpine fir in the DC area.*

Jules Koetsch

Q. *Pine larvae: This is a request for identification of a larvae that I found defoliating the crown of my Black pine on August 18. They look like the accompanying sketch and were at the most 1/2' long and except for a few vagrants on needles, huddled together in writhing clusters on the branches. Can anyone identify the larvae and how one might be*

able to spot the egg case? Also, what insect is responsible for the larvae? Luckily I had just returned from a two week vacation and happened to catch them before they got too far. I picked them off with tweezers and douse them in alcohol in a cup before washing them down the drain. Fortunately none of my other pines show any signs of infestation, at least not so far.

Jules Koetsch



Larvae (Not to scale) Head and tail colored light tan with a light green body and black dots.

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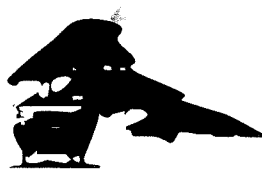
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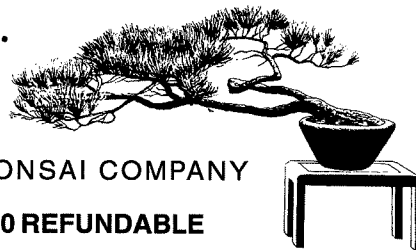


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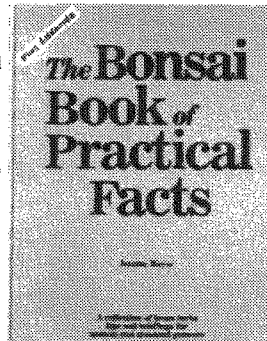
That good styling goals must include elements of "Ideal" and "Picturesque."

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What to do if a drainage screen slides away.

Why re-potting revitalizes any bonsai and improves design.

How to change soil in a group planting without taking it apart.

When can outdoor bonsai such as pines be kept indoors?

A labor-saving way to screen potting soil.

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Purchase, NY 10577

Potomac Bonsai Association Membership Application

Welcome! We conduct a Spring Show and a Fall Symposium as well as other events. PBA is made up of the clubs listed to the right. Join one club and be eligible to attend any club meeting in addition to receiving the *PBA Clippings* monthly. Residents of: Baltimore, MD; Lancaster, PA; Philadelphia, PA; Richmond, VA and Washington, D.C. metropolitan regions are expected to join a club to receive all membership benefits.

To become a member, call the contact person of the nearest club for current rates and where to send your dues.

Individuals beyond commuting distance of a club are invited to subscribe to the PBA newsletter, *PBA Clippings*. For subscription to *PBA Clippings* only, mail a check payable to PBA for \$15.00 (U.S. \$35.00 for international subscription/postage) to Beth Potratz, 1101 Pekay St., SW, Vienna, VA 22180. For additional information, call Beth Potratz: (703) 255-9386.

Regular meeting times and places are listed. Meeting times and locations are subject to change, call first! Events are listed monthly in PBA Clippings.

- | | |
|--|---|
| <input type="checkbox"/> Individual Membership | <input type="checkbox"/> <i>PBA Clippings</i> , Subscription Only, US \$15 |
| <input type="checkbox"/> Family Membership | <input type="checkbox"/> <i>PBA Clippings</i> , International Mail, US \$35 |

- | | | |
|--|--|---|
| <input type="checkbox"/> Baltimore Bonsai Club | <input type="checkbox"/> Greater Philadelphia Bonsai Society | <input type="checkbox"/> Northern Virginia Bonsai Society |
| <input type="checkbox"/> Bowie Bonsai Club | <input type="checkbox"/> Kiyomizu Bonsai Club | <input type="checkbox"/> Richmond Bonsai Society |
| <input type="checkbox"/> Brookside Bonsai Club | <input type="checkbox"/> Lancaster Bonsai Society | <input type="checkbox"/> Washington Bonsai Club |
| <input type="checkbox"/> Chesapeake Bonsai Society | <input type="checkbox"/> Mei-Hwa Penjing Society | |

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

COUNTRY _____

TELEPHONE: Office () _____ Home () _____

- BALTIMORE BONSAI CLUB**
Cylburn Arboretum, Baltimore, MD.
3rd Sunday, 1 PM
Elaine Kendall, (410) 426-5421
- BOWIE BONSAI CLUB**
Bowie Community Center, Bowie, MD
Last Monday, 7 PM
Terry Adkins, (301) 350-3586
- BROOKSIDE BONSAI SOCIETY**
North Chevy Chase Recreation Center, Chevy Chase, MD.
3rd Thursday, 7:30 PM
Jerry Antel, (301) 320-5251
- CHESAPEAKE BONSAI SOCIETY**
Paca Garden, Annapolis, MD
2nd Tuesday, 7:30 PM
Stephen Choi, (301) 261-8131
- GREATER PHILADELPHIA BONSAI SOCIETY**
Pennypack Watershed, Willow Grove, PA
4th Thursday, eve.
Larry Chiger, (609) 753-0311
- KIYOMIZU BONSAI CLUB**
Clearwater Nature Center, Clinton, MD
3rd Saturday, 2 PM
Joan Stephens, (301) 423-8230
- LANCASTER BONSAI SOCIETY**
Lancaster Farm and Home Center, Lancaster, PA
2nd or 3rd Wednesday, 7 PM
Thomas Gillin, (717) 653-9102
- MEI-HWA PENJING SOCIETY**
(Chinese language spoken)
Bowie Community Center, Bowie, MD
2nd Sunday, 1 PM
Akey Hung, (301) 390-6687
- NORTHERN VIRGINIA BONSAI SOCIETY**
Hidden Oaks Nature Center, Annandale, VA
2nd Saturday, 12 NOON
Judy Wise, (202) 554-3045
- RICHMOND BONSAI SOCIETY**
Imperial Plaza, 1717 Bellevue Ave., Richmond, VA
4th Monday, 7 PM
Chris Cochrane, (804) 353-6674
- WASHINGTON BONSAI CLUB**
U. S. National Arboretum, Washington, D.C.
3rd Saturday, 2 PM
Julie Walker, (202) 547-8497

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