

## Coniferous Bonsai How Healthy are Yours?

by Roy Allain

You may be killing them with the wrong kind of nitrogen. I was reading an interesting article by researchers from the University of British Columbia at Vancouver. The article states that conifers use a form of nitrogen and hydrogen known as ammonium. However, many of the commercial fertilizers use the form of nitrogen and oxygen known as nitrate.

Aspen, and other non-conifers use the nitrate form, while conifers use the ammonium form of nitrogen. The researchers found that the nitrate form in conifer soils was almost nonexistent. In the "wild," these nitrogen abundance patterns hold true, not only in the Rockies, but elsewhere in North America, Scandinavia, Europe, etc.

The researchers discovered that reforestation efforts are failing

when conifers are replanted after timber clear cutting, or after burnovers from a fire, because the dominant forms of inorganic nitrogen in the soil ship from ammonium to nitrate.

When the forest begins to re-establish itself naturally, "pioneer" species such as Aspen move in to replace the conifers because of the excess nitrate. After lengthy obser-

*Continued on page 4*

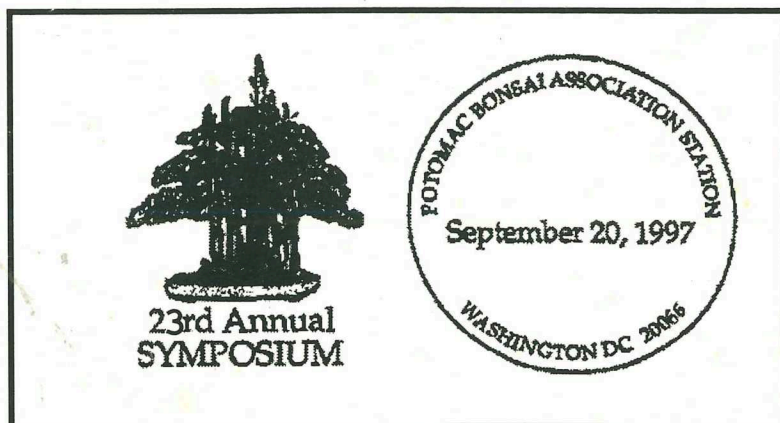
Continuing a tradition, there will be a special stamp cancellation for the 1997 PBA Symposium. The cancellation will be special as permission has been received from the U.S. National Arboretum to use John Naka's masterpiece "Goshen" as the Bonsai on the cancellation. All registrants for the Symposium will receive an envelope with the special cancellation. The drawing was done by Sean Marcotte. The artwork was done by Steve McCarthy from Northern Virginia, for further information, contact Jerry Antel (301) 320-5251.

"I would like to send Thanks to all my friends at PBA for all the flowers, gifts, and support given to me before, during and after my surgery. I feel very fortunate to belong to such a great organization. Thanks again."

**Mike Ramina, BBS**

### IN THIS ISSUE

Coniferous Bonsai	1
Stamp Cancellation	1
Editorial	2
Calendar of Events	3
Care Tips	5
Memorial Bench	5
Sensei	5
Symposium	6
Registration Form	7
Stamp Letter	9





VOLUME 27 NUMBER 8, AUGUST 1997

The PBA Clippings (ISSN 0160-9521) is published by the Potomac Bonsai Association, Inc. (PBA), a nonprofit organization, in the interests of its affiliate member clubs and societies. Copyright 1996 PBA.

#### Subscriptions:

PBA Member Clubs/Societies : Annual subscription is included in the membership dues paid to the PBA Club or Society of your choice. Telephone numbers of points of contact for information about any member club or society and its annual dues, are listed on the last page of this newsletter.

#### Non-Member Subscriptions:

Individuals residing within the Baltimore, Washington, D.C., Philadelphia or Richmond metropolitan areas are encouraged to become members of a club to receive the newsletter. Annual subscription for 12 issues of the PBA Clippings only is US \$15.00 (US \$35 for International Mail) which should be made payable to the Potomac Bonsai Association and sent to Judy Wise, 1259 4th St., SW, Washington, DC 20024.

#### Advertising Rates :

Monthly rates: 1/6 page, \$15.00; 1/3 page, \$30.00; 1/2 page, \$45.00; full-page, \$90.00. 10% discount for 6 consecutive months prepaid, 20% discount for 12 consecutive months prepaid. Direct inquiries/payment (make checks payable to Potomac Bonsai Association) to: Jerry Antel, Jr. 6409 Middleburg Lane, Bethesda, MD 20817, (301) 320-5251. Send ad copy to editor at address listed below for articles.

Please send ad copy/articles to the editor: J. F. Koetsch, 6709 Caneel Ct., Springfield, VA 22152; (703) 569-9378.

#### PBA Officers:

President	Jack Wells
1st Vice-President	Andrew Cook
Educ. Vice-President	Chris Cochrane
Secretary	Julie Walker
Treasurer	Jerry Antel, Jr.
Membership	Judy Wise
	(202) 554-3045
Newsletter Editor	Jules Koetsch

#### PBA Clippings staff:

Editor	Jules Koetsch
	(703) 569-9378
Assoc. Ed./Art Dir.	Beth Potratz
	(703) 255-9386
	Email: Bonsaist.aol.com
Type Editor	Betty Yeapanis
Advertising Editor	Jerry Antel, Jr.
	(301) 320-5251
Sensei Sam	Steve Pilacik
	Rt 2 Box 147D
	Hurricane, WV 22526
Calender Coord	Doug French
	(703) 502-9426
	Email: Dfrench200.aol.com

## EDITORIAL by Jules Koetsch

### BONSAI EDITORIAL

More often than not, the eager bonsai beginner often pays little attention to where the bonsai will be placed outdoors when it is not in winter storage. All the ramifications of growing a bonsai (such as styling, potting, wiring, day-to-day maintenance) are diligently remembered when the neophyte starts bonsai. But little, if any, attention is paid by the neophyte as to whether a certain species of bonsai likes full sun or partial shade **AND ALL THAT A BONSAI NEEDS IS TO BE OUTDOORS.** Unfortunately, the fact that the bonsai is not happy in its outdoor location sometimes takes 3 or so years to become evident in that the bonsai expires. In the intervening years, a bonsai's displeasure may be noted by its overall lack of vigorous Spring growth (little if any new growth and a lack of healthy coloration in the leaves or needles). Furthermore, if the plant is not getting full sun, the growth will be leggy (not compact, with long internode spacing).

How I wish I had known when we were house hunting some 5 years before I started bonsai that the ideal location for the bonsai would be an area devoid of shade. When one looks at photos or even visits a Japanese bonsai nursery, one instantly notices that shade is nonexistent and nary a shadetree is in sight. But then again, Japanese bonsai nurserymen for the most part do not grow a shade tolerant plant such as azaleas as bonsai. Perhaps it is because azaleas are classified as a shrub; and after all, it is more of a challenge to dwarf a tree than a shrub. Or is it that in contrast to the other bonsai species in the nursery, the azaleas would need partial shade? A few years ago, one of the Brooklyn Botanic Garden's bonsai nurserymen lectured at the U.S. National Arboretum about azaleas. He said that in the Japanese bonsai nursery he worked in for two years, the azalea bonsai sat in sunlight the entire day. That sort of debunks the idea of needing shade. However, here in the U.S.A., Terry Adkins (Bowie Bonsai Club), who always displays a prize-winning azalea at the PBA shows and is a recipient of a national award for his azalea bonsai, keeps his azaleas on the south side of his home. In order to reduce the sun's intensity during the height of the summer months, Terry has constructed a lattice over the plants so that the midday sun filters through. John Y. Naka, who lives close to Los Angeles, has erected a netting (such as is sold by nursery suppliers) over his entire bonsai collection to reduce the intensity of the midday California sunlight.

There are a number of us (note I'm including myself) who start into bonsai giving very little if any thought as to whether or not the outdoor location for the bonsai is a good one. One chooses a location for the bonsai based on the constraints of the property available for an outdoor display. It does not take too long, perhaps only a year, before you realize that some, if not all, of the plants are looking more and more spindly. We have one of two choices, either alter the conditions so that the desired amount of sunlight reaches the bonsai; or get plant material that will survive in shade. In my case over the years, I've felled some mighty tall

## Calendar of Events

### August

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, Baltimore, MD.  
3rd Sunday, 1 PM  
(410) 668-1868
- Bowie Bonsai Club  
Bowie Community Center, Bowie, MD  
Last Monday, 7 PM  
(301) 350-3586  
(202) 667-1016
- Brookside Bonsai Society  
North Chevy Chase Recreation Center,  
Chevy Chase, MD  
3rd Thursday, 7:30 PM  
(301) 365-7621
- Chesapeake Bonsai Society  
Call for meeting time and location  
(410) 263-2748
- Greater Philadelphia Bonsai Society  
Pennypack Watershed, Willow Grove,  
PA  
4th Thursday, eve.  
(215) 663-1678
- Kiyomizu Bonsai Club  
Clearwater Nature Center, Clinton, MD  
4th Sunday, 2 PM  
(301) 839-2471
- Lancaster Bonsai Society  
Manheim Twp. Park, Stauffer Mansion  
Lancaster, PA  
2nd Thursday, 7 PM  
(717) 872-5941
- Mei-Hwa Penjing Society  
(Chinese language spoken)  
Bowie Community Center, Bowie, MD  
2nd Sunday, 1 PM  
(301) 390-6687
- Northern Virginia Bonsai Society  
Greenspring Horticultural Center,  
Annandale, VA  
2nd Saturday, 10 AM  
(703) 575-5616
- Rappahanock Bonsai Society  
Call for meeting time and location  
(540) 775-4912
- Richmond Bonsai Society  
Imperial Plaza, 1717 Bellevue Ave.,  
Richmond, VA  
4th Monday, 7 PM  
(804) 527-4000 Ext. 4621
- Washington Bonsai Club  
U. S. National Arboretum, Washington,  
D.C.  
3rd Saturday, 2 PM  
(202) 543-7433

Organizations sponsoring regular events  
of interest to PBA members:

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

U.S. National Arboretum  
(202) 245-2726

### September

- Northern Virginia Bonsai Society  
Saturday 9  
9 - 10 am Bring your own plant for tree  
critique and discussion.  
10 am - 12 pm Styling lecture and  
critique by Bob Chilton.
- Brookside Bonsai Society  
Saturday 16  
Visit Stanley Chin's collection. (Limited  
to BBS members)

- Baltimore Bonsai Club  
Sunday 17  
1 pm Workshop; Mike Ramina's home.  
Bring plants to work on. Grooming  
plants for State Fair display.

- Northern Virginia Bonsai Society  
Saturday 13  
Meeting to be held at Carole Roelofs  
Home, Manassas, VA.  
9-10 am Tools needed for collecting by  
Russ Kinerson.  
10 am - 12 pm Styling Collected Material  
demonstration by Jim Sullivan.  
Please contact Chuck Croft, 703-978-  
6841, if any information is needed.

**Please submit your club's new schedule as soon as available to Doug French at [Dfrench200.aol.com](mailto:Dfrench200.aol.com) or (703) 502 - 9426. Thank you for your cooperation.**

oaks and tulip poplars on the back of our lot. In so doing, I've opened up a very narrow swath between the standing trees (which at best, allows full sun to reach about 60 percent of my bonsai tables for about 4 to 5 hours). That period of time diminishes the further we are from the summer solstice since the tall trees of my neighbor to the south (also old, very tall oaks and poplars) border the edge of the opening. I've secretly hoped that something like a scourge of gypsy moths would defoliate the trees, but that's not being neighborly. Hence, over the years I've tried to bend the rules, like growing pines or junipers in less than a full day of sunlight. It doesn't work. I've killed a number of the Brits' favorite tree, Scots pine, in about a year and a half; and white pines have lasted a little longer be-

fore they bit the dust. The English text, the Yuji Yoshimura book, "The Japanese Art of Miniature Trees and Landscapes," and Harry Tomlinson's "The Complete Book of Bonsai" do indicate which species of bonsai cannot tolerate full sun. These are the only English texts in my collection on growing bonsai which provide any information on where to position bonsai outdoors. Apparently, the other books assume that one's bonsai will be positioned to receive a full day of sunlight just as in the Japanese bonsai nurseries. In spite of feeling shortchanged concerning where I can place my bonsai, I've found that the following species do not object too seriously to less than a full day of sun during the summer months. *Cryptomeria japonica* (a dwarf Japanese cedar or "Yatsubusa") seems

*Continued on page 11*

## CONIFEROUS BONSAI, Continued from page 1

vance, the team proposed that replanting fails because conifers are picky about nitrogen. They found that spruce and pine all consumed 20 times more ammonium than nitrate. Another factor that also showed up is the ease in which nitrates leach from the soil after a rain. This nitrate-laden runoff deprives the soil of other vital nutrients. The ammonium form is water soluble.

The article, and a second one, both of which appeared in a recent issue of the journal, *Nature*, go into much more detail. It also looks into microbe makeup of the soil, and its function. This is not important to this discussion of feeding conifer bonsai, but if you're interested, call me, and I'll help you find a copy of the journal.

I think that perhaps this is something we should study. I know I will. Of course, we should always be aware of the type of fertilizer we are giving our bonsai. Should we use ammonium based fertilizer? Do all fertilizers use ammonium, or nitrates? Which ones do, and which do not? Does it make a difference?

I've done some research on this. I am still finding more data and will talk further on this in a later issue.

Perhaps someone would like to experiment, and maybe kill a few spruce and pines! Perhaps someone already has! Does someone in our club know? Does anyone know? Does anyone care? If anyone is interested, contact me, and perhaps we can get a very interesting project going.

I am also experimenting with a database on trees suitable for bonsai. If you have "pet" fertilizer mixes, pruning techniques, special methods of repotting, or whatever, and would like to share then, see me at the meeting and I will explain what I am doing.

Following is a list of some locally available fertilizers. It is by no means a complete listing. Some have only the ammoniacal form, some have only the nitrate form. Some have both. Some also have only urea nitrogen. Some have all three. Some brands state the forms as "insoluble nitrogen" or "water

soluble nitrogen," so we don't even know which type is which.

Peters — 20-20-20 1.7% Nitrate Nitrogen 18.03% Urea Nitrogen

Osmocote — 14-14-14 8.2% Ammoniacal Nitrogen 5.8% Nitrate Nitrogen

Green Light — 20-20-20 Miracle-Acid — 30-10-10 3.0% Ammoniacal Nitrogen 27.0% Urea Nitrogen

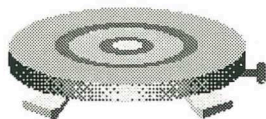
Miracle-Gro — 15-30-15 6.8% Ammoniacal Nitrogen 8.2% Urea Nitrogen

Jobe's Fertilizer Spikes — 16-4-4 100.0% Ammoniacal Nitrogen

There are several fertilizers which have less than 1% Ammoniacal Nitrogen (0.76%) for one example. These fertilizers should not be used on conifers (based on the above findings).

I am going to experiment with some black pines and will report in a later newsletter on my results.

Reprinted with permission of the *New Orleans Bonsai*, the newsletter of the New Orleans Bonsai Society



## Sensei Sam

This month I thought I would take the time to talk about some growing techniques. Maples are a wonderful species of tree. There are many different varieties to choose, if you want small leaves, various colors of leaves, or different bark texture. With over three hundred and fifty varieties, whatever you like to grow should be available.

Most people I know who grow maples: Feed them, fertilize them,

repot them, but pay little attention to their pinching needs. The maple pruning technique used by most people allows the new growth to elongate to 4 - 5 sets of leaves, which are then pruned back to 2 or 3 sets of leaves. This technique is fine for trees in training. However, trees in bonsai containers need to be handled differently. After the first set of leaves opens, between the two leaves you will see the begin-

ning growth of a new set of leaves. This new growth should be pinched back after it begins to emerge. This is done to reduce the length of the new growth or create a shortened internode. This shortness of the internode helps in the overall illusion of the bonsai, by showing us a tight, compact growth pattern and nice ramification. This works especially well with Trident maples (*Acer buergerianum*).

## August Monthly Care Tips

**Watering:** Very hot and humid days, coupled with very humid nights, cause a puzzling decision to be made. High temperatures may cause a plant to go into a rest period. If this happens, the plant will slow its water absorption and because of these weather conditions some bonsai soils may not dry out between waterings, which could cause root rot. Keep watch.

**Pruning:** Hinoki Cypress

sprouts can be plucked. Weeping Willow can be pruned.

**Potting:** Avoid potting at all costs unless plant is ailing or tropical.

**Wiring:** In removing wire, it is always best to cut it off instead of trying to reclaim it by unwinding it. Unwinding more often than not causes breaking branches and leaves. At the end of August, wiring can be started on Hinoki Cypress, Shimpaku, Red Pine, White

Pine, and Spruce. Needle shear White Pine if desired.

**Pests:** Continue to be alert for any infestations. A heavy spray of water late in the afternoon will dislodge such insects as aphids and spider mites so that they won't be able to get back on the plant. For some plants, like Crepe Myrtle, it is good policy to spray the plant with a mildew preventative before that problem appears.

---

## Thelma Aleane (Thomas) Helton

Thelma was born September 26, 1940, at her home in Beltsville, Maryland. She was a woman of courage, kindness, love, and thoughtfulness. Thelma Aleane Thomas was her name before she took the hand of Robert Lee Helton, on May 4, 1956. Together they bought their first home in 1959 in Beltsville, Maryland. For the almost 41 years they were married, they had four children, five grandchildren, three daughters-in-law and a son-in-law.

Thelma was a wife, mother, grandmother, sister, aunt, cousin, but most of all a true friend to everyone. She was someone who always did for others and never

asked for anything in return for what she did. She always put others before herself no matter what. She was a woman who judged from the inside of a person, rather than the outside, and she was always there for people through thick and thin.

Thelma, a woman of so many talents, and seven of her sisters were getting together for a reunion when she died on April 19, 1997. The eight sisters had not all been together for many years and they couldn't wait to get together. Thelma, Evelyn, and Betty were traveling together and were less than 100 miles from their destination, Sanibel, Florida, when they were struck by a truck, killing

Thelma and sister Evelyn. Sister Betty is in stable condition.

Bobby, a member of the Bowie club, would like to acquire a memorial bench in Thelma's name for the bonsai area of the National Arboretum. Because this sad event occurred the week of our Spring Show, the PBA board was able to act in a very timely manner and voted unanimously to contribute club funds toward this goal. If you would like to share in the acquisition of this bench, send your contribution to: NBF Treasurer, 4228 Bertritt St, Fairfax, VA 22030, and write on the check "For Thelma Helton memorial."

## 22nd Annual Potomac Bonsai Association Symposium co-sponsored by Friends of the National Arboretum September 20th - 21st, 1997 US National Arboretum, 3501 New York Ave., Washington, DC

### Preliminary Program:

#### Saturday, September 20

- 8:00-9:00 Registration
- 8:00-5:00 Vendor Tent Open
- 9:00-12:00 Demonstration by  
Warren Hill
- 12:00-1:00 Lunch (included with  
registration)
- 1:00-4:00 Warren Hill  
continues
- 4:00 Raffle of demo trees.

#### Sunday, September 21

- 9:00- Vendor Tent Opens
- 9:00-12:00 Warren Hill Tree  
Critique
- 12:00-1:00 Lunch On Your Own
- 1:00-4:30 Workshops  
(Extra Fee to participate)
- 1. Beginner - Bill Spencer
- 2. Collected Ponderosa Pine -  
Gutierrez
- 3. Shimpaku Juniper- Doyle

The 1997 PBA and Friends of the National Arboretum Symposium will feature Warren Hill, Curator of the National Bonsai and Penjing Collection at the National Arboretum. It is going to be fun and inexpensive.

Saturday will feature an all-day lecture/demonstration by Warren.

Sunday morning will feature tree critiques by Warren.

Workshops on Sunday afternoon require symposium registration.

### LOW COST:

We will keep the symposium registration fee at \$50 for the weekend. This is still the most reasonable symposium in the USA! Workshop fees will only pay for our expenses.

The registration fee will include coffee breaks and lunch on Saturday; and the sixth annual PBA-sponsored bonsai stamp cancellation, a real collector's item.

### WORKSHOPS:

Joe Gutierrez, PBA's noted collector of Rocky Mountain trees,

will lead a workshop in creating Ponderosa Pine bonsai from material collected by Andy Smith in the Black Hills of South Dakota.

Jim Doyle of Nature's Way Nursery will lead a workshop in styling Shimpaku juniper bonsai from material imported from China in 1993. These one- to two-handed size plants will be potted in ceramic containers. Jim will include a slide presentation of Chinese growing methods used for these trees.

A Beginner's Workshop will be led by Bill Spencer, an experienced teacher of new bonsai students.

### LOCATION:

The symposium will be held at the National Arboretum, 3501 New York Ave NW, Washington D.C..

### SATURDAY DINNER:

A dinner banquet (at additional charge) is being arranged. We will notify you at Registration of the banquet option.

## PBA/FONA Symposium Registration Form

Please photocopy or cut this page out and mail with symposium/workshop(s) fees (payable to Potomac Bonsai Association) to **Jerry Antel at 6409 Middleburg Lane, Bethesda, MD, 20817; (301) 320-5251.**

I/we wish to attend:

	Non-Member	* Member	Number	Subtotal
Lecture/Demo Program				
at 6409 Middleburg Lane, Bethesda, MD, 20817; (Workshops separate see below):				
Entire Program (Sat & Sun)	\$65.00	\$50.00	_____	_____
(Workshops open to full registrants only)				
Workshops:				
Ponderosa Pine - Joe Gutierrez	\$110.00		_____	_____
Shimpaku Juniper - Jim Doyle	\$85.00		_____	_____
Beginners- Bill Spencer	\$25.00		_____	_____
		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 Club \_\_\_\_\_

For Symposium registration, please make checks payable to: Potomac Bonsai Association and mail to

Jerry Antel  
6409 Middleburg Lane,  
Bethesda, MD, 20817

along with your registration form.



23rd Annual  
SYMPOSIUM



USPS Citizen's Advisory Committee  
Attn: Dr. Virginia Nolke, Chairman  
475 L'Enfant Plaza, SW  
Room 4474 E  
Washington, DC 20260-2437

Dear Dr. Nolke,

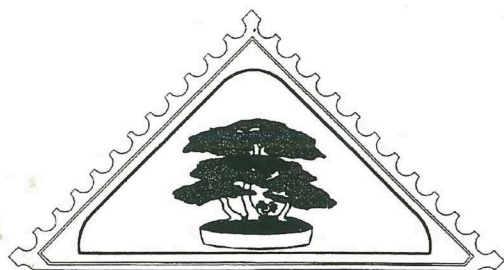
I am interested in seeing a series of stamps depicting American bonsai - dwarf trees based on ancient Chinese/Japanese methods, but bearing a unique American art style. It has been a number of years since this idea was first broached. Since many people have been introduced to bonsai as a living art form, and many throughout the world are engaged in one or more aspects of creating bonsai, it would seem the time is now.

Candidates for the bonsai stamps can be found among some seventy trees in Washington, DC at the U.S. National Arboretum's recently completed **FIRST IN THE WORLD** National Penjing and Bonsai Museum. These trees were selected from a large number of submissions nationwide. One outstanding candidate is the forest "Goshen" by American bonsai master John Yoshio Naka. He was declared a national treasure by the National Endowment for the Arts and is a past recipient of the Order of the Rising Sun from the Emperor of Japan for teaching much of the western world the techniques of mastering the bonsai art form.

The bonsai will lend an artistic theme to a pane of stamps that should be well received not only by bonsai enthusiasts worldwide, but also the public at large because of their uniqueness and intrinsic beauty.

Sincerely,

Bonsai enthusiast



USPS Citizen's Advisory Committee  
Attn: Dr. Virginia Nolke, Chairman  
475 L'Enfant Plaza, SW  
Room 4474 E  
Washington, DC 20260-2437

## Editorial, continued from page 3

very content to be shaded by trees all through the day. The latter conditions also seem to be tolerated by the azaleas and the Japanese maples. I try to give my Hinoki cypresses a location where they receive the morning sun, although I think they would survive in full but not deep shade. Other species which seem to not object to morning sun for about 4 to 5 hours are mountain ash, beech, contorted filbert, gardenia, hemlock, hornbeam, weeping willow, and yew. All of those trees are in Yuji's or Harry's books as trees for "half shade." My boxwoods seem to tolerate either 4 to 5 hours of sun or all day in the shade.

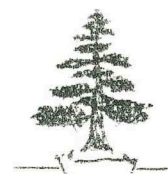
Those in my collection which would appreciate a full day of sunlight are *Euonymus*, small leaf holly, some varieties of juniper species (*foemina*, *procumbens nana*, San Jose, *Shimpaku*), black pine, quince, an Engelmann spruce (nursery stock), and wisteria. They do have the telltale characteristics usually attributed to the lack of sufficient sunlight - large internode spacings between oversized leaves on the deciduous plants and lanky, widely spaced growth on junipers and the black pines. Whenever I take one of those plants for a critique, the first criticism every time is that the plant is not getting enough sun.

Growing plants in full sunlight may also stress a plant at times especially when you get one of those unbearably hot and even extremely murky days for which the local weather is so renowned. I've mentioned before a product known as Pro-TeKt which is advertised as being capable of doing the following: increasing resistance to environ-

mental stress, improving heat and drought resistance, reducing transpiration loss, enhancing leaf presentation and stem strength, and facilitating metabolic functions. I started using Pro-TeKt last year and it seems to be doing as advertised. The directions on the container suggest using Pro-TeKt with every watering, while others to whom I've talked indicated they have had good results using it once per week. So far I have not seen any results that indicate the Pro-TeKt applications overcome the shortcoming of too little sunlight.

In conclusion, what can you do about the lack of sunlight on your bonsai? Of course you can move to a home that has been built on land that once was farmed, and hence treeless when the house was erected. The other is to give away those plants before they die that are not doing well, or aren't even attractive enough to put in the next auction. After losing 2 of 3 *Zuishu* white pines I had brought back from Japan a number of years ago, I decided I would not murder the last one. I gave it to Pete Jones who does wonders with pines. In his sunny backyard, the pine has grown magnificently in the last 4 or 5 years. If your bonsai are located where they are not getting a full day of sunlight and are not prospering, check out one of the above mentioned books to see if the amount of sunlight is the problem. I'm not moving to another house; so with dogged determination, I'm going to see if I can lick the light problem for those bonsai that need all that sun short of killing them. In the interim, Pete Jones may be getting a few more trees (not

### Matsu-Momiji Nursery



Maples - Pines -  
- Nursery Stock -  
Pots -Tools -  
- Bonsai Lectures  
- Demonstrations

Bonsai Catalog  
Route 2, Box 147D  
Hurricane, WVA 25526  
304-562-9666  
Catalog \$2.00

*Japanese Black Pine*  
by Steve Pilacik

that he needs them).

The indoor bonsai enthusiasts have an easy out' if the amount of light coming through a window is not enough - putting up some grow lights. Tubes of common fluorescent lights are purported to work just as well as more pricey "grow" lights, provided the top of the soil of the plant is no more than 12 inches from the tube. Also, the exposure time to the light should be in the order of 12 to 16 hours. I've contemplated about putting a bank of grow lights outdoors to take care of the hours without full sun. But then again, I like my wife.

# 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's meeting, in addition to receiving *PBA Clippings* monthly. Residents of Annapolis and Baltimore, MD; Lancaster and Philadelphia, PA; Rappahanock, Richmond, Northern VA and the Washington, DC metropolitan areas are expected to join a club to receive all membership benefits including *PBA Clippings*.

**To become a member, call the contact person of the nearest club for current rates and where to send this application and dues. (Please make check payable to the club joined.)**

**Individuals residing beyond commuting distance of a club are invited to subscribe to PBA Clippings.** For a subscription only (does not include participation in club events), complete application and mail with a check payable to PBA for US \$15.00 (US \$35.00 for an international subscription) to: Judy Wise, 1259 4th St., SW, Washington, DC, 20024. For additional information, please call Judy Wise: (202) 554-3045.

*Regular meeting times and places are listed. Meeting times and locations are subject to change. Call first! Events are listed monthly in the Calendar section of PBA Clippings.*

- |                                                                                                 |                                                                                                                           |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Individual Club Membership<br>(Includes <i>PBA Clippings</i> )         | <input type="checkbox"/> <i>PBA Clippings</i> , Subscription Only, US \$15<br>(does not include club activities)          |
| <input type="checkbox"/> Family Club Membership<br>(Includes one copy of <i>PBA Clippings</i> ) | <input type="checkbox"/> <i>PBA Clippings</i> , International Subscription, US \$35<br>(does not include club activities) |

- |                                                    |                                                              |                                                           |
|----------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|
| <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"/> Rappahanock Bonsai Society       |
| <input type="checkbox"/> Brookside Bonsai Club     | <input type="checkbox"/> Lancaster Bonsai Society            | <input type="checkbox"/> Richmond Bonsai Society          |
| <input type="checkbox"/> Chesapeake Bonsai Society | <input type="checkbox"/> Mei-Hwa Penjing Society             | <input type="checkbox"/> Washington Bonsai Club           |

Name \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ +4 \_\_\_\_\_ Country \_\_\_\_\_

Telephone: Home: (\_\_\_\_) \_\_\_\_\_ Office: (\_\_\_\_) \_\_\_\_\_

**BALTIMORE BONSAI CLUB**  
Cylburn Arboretum, Baltimore, MD  
3rd Sunday, 1 PM  
Arschel Morell (410) 744 - 6478

**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**  
Call for meeting time and location  
Tom Snow (410) 923-2783

**GREATER PHILADELPHIA BONSAI SOCIETY**  
Pennypack Watershed, Willow Grove, PA  
4th Thursday, eve

Larry Chiger, (215) 663-1678

**KIYOMIZU BONSAI CLUB**  
Clearwater Nature Center, Clinton, MD  
4th Sunday, 2 PM

Essie Wilson, (301) 839-2471

**LANCASTER BONSAI SOCIETY**  
Manheim Twp. Park, Stauffer Mansion  
Lancaster, PA  
2nd Thursday, 7 PM

Cindy Kamide, (717) 738-3957

**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**  
Greenspring Horticultural Center, Annandale, VA  
2nd Saturday, 10 AM

Chuck Croft (703) 978-6841

**RAPPAHANOCK BONSAI SOCIETY**

Call for time and meeting location

Todd Stewart, (540) 775-4912

**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

Potomac Bonsai Association, Inc.

c/o U.S. National Arboretum

3501 New York Avenue, NE

Washington, DC 20002

NONPROFIT ORG.

U.S. POSTAGE

PAID

MERRIFIELD, VA

PERMIT NO. 659

Beth Potratz

1101 Pekay St., SW

VIENNA VA 22180