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This Computer Makes It Rain When You Say So



Program it for up to eight waterings a day for weekly cycles and forget it, even if you go away for months. It's a genuine battery-powered computer and it remembers everything you tell it. The four alkaline batteries (NOT included) normally last a full season, and the unit shuts off the water if they run down. It even guides you through the programming so you know you've set it up correctly. Attach it to your silcock with the lock-ring to prevent theft and place the cover on it to protect the keyboard. You can set it for 1 minute to 12 hours per watering period. Switch to manual control or re-program it whenever you want.

U-10224 Water control computer..... \$59.95

From the Brookstone catalog
A store is in Tysons Corner.



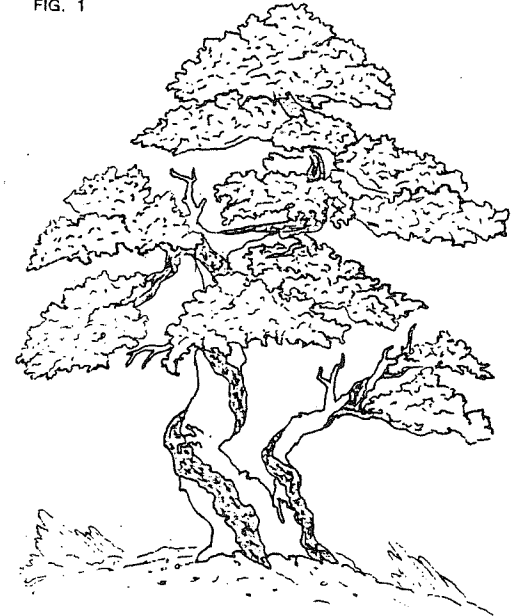
B O N S A I
盆栽

E & A BONSAI HOUSE
16505 NEW HAMPSHIRE AVE.
SILVER SPRING, MD 20904
(301) 384-9879

SHIMPAKU DESIGN

Adapted for New Orleans Bonsai by Margie Fernandez from a translation by Mrs. C. Graves. This appeared in New Orleans Bonsai Volume III, Number 10 of October, 1980.

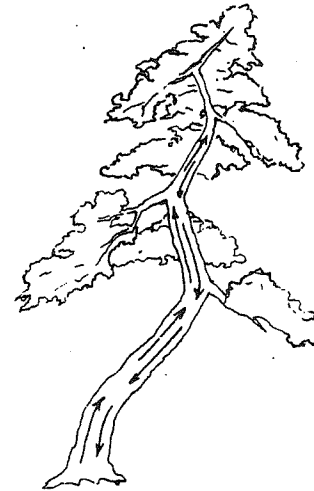
FIG. 1



Bonsai enthusiasts have for many years been intrigued with the process of taking a young tree, and in a relatively short span of time, make it look like an old, beautiful, weather-worn specimen with coiled trunk. (Fig. 1) One way of achieving such an effect was described by Mr. Toshio Ogawa in an article appearing recently in "Bonsai Syunjyu" magazine.

The Shimpaku is particularly suitable for creating the stripped, coiled trunk effect because it often develops such characteristics in nature. However, other varieties of juniper will give equally pleasing results, and what would take years to develop naturally, due to wind, snow, or lightning, can be created safely, with little effort, as described below.

FIG. 2

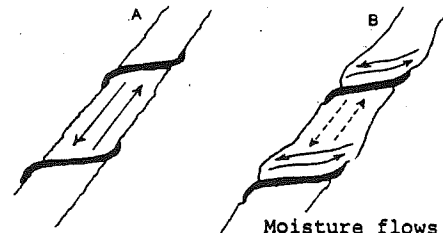


This technique is most useful for young, slender, and vigorously growing material. To create coiled Shari you first cause coiled "mizuage-bu", which is the callous, or swelling which occurs when wire is wrapped very tightly around the trunk. The vascular system of a tree is made up of long, tubular cells that carry moisture and food between roots and leaves. In most trees, these cells are arranged so that fluids move directly up and down the trunk. (Fig. 2)

Arrows show usual movement of fluids within tree.

Illustrations - Dave DeGroot

FIG. 3



Moisture flows through cells running parallel to trunk line.

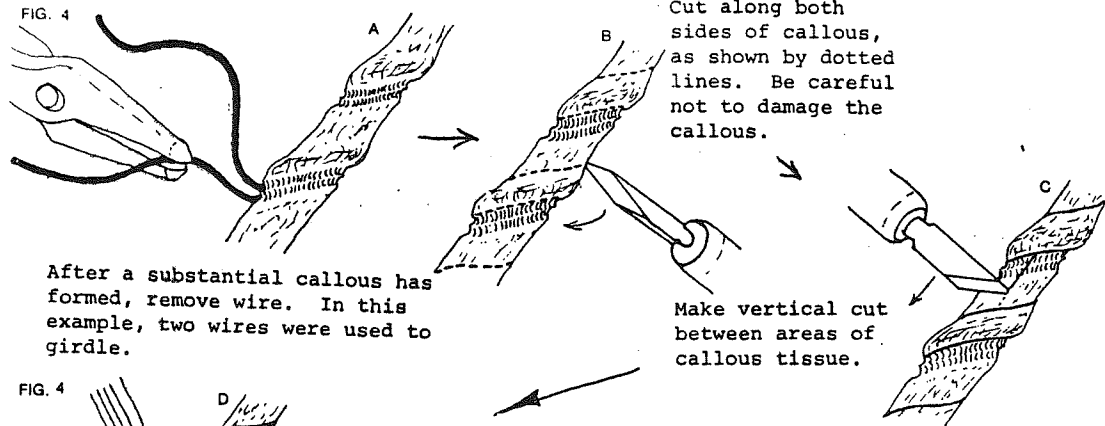
Moisture flows through new tissue parallel to wire - direct flow up and down trunk is reduced - eventually eliminated.

However, callous tissue formed along a girdling wire has cells which run parallel to the wire, coiling around the trunk. (Fig. 3 A-B)

When this callous tissue is well formed, the old portion of bark may be stripped away, and just the strip of callous tissue which is left will be able to support the foliage. (Fig. 4 A-E)

[Editor's Note: When forming the shari at the upper end, it will appear most natural if the shari originates from a wound or small jinned branch as in Fig. 5A. The shari should terminate in a "V" shape above the soil line to avoid rot. (Fig. 5B)]

FIG. 4

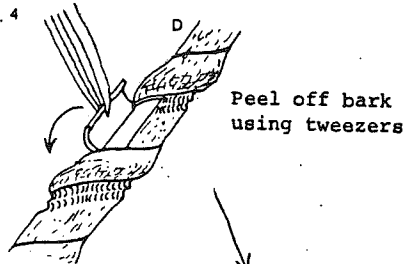


After a substantial callous has formed, remove wire. In this example, two wires were used to girdle.

Cut along both sides of callous, as shown by dotted lines. Be careful not to damage the callous.

Make vertical cut between areas of callous tissue.

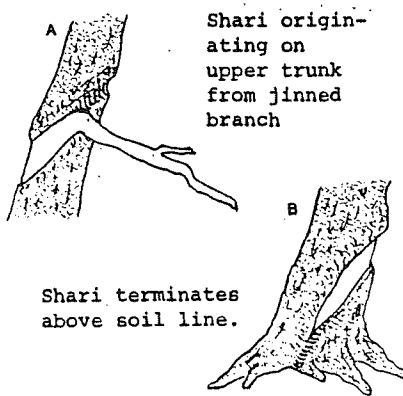
FIG. 4



Peel off bark using tweezers

Bark stripped away to give coiled effect. Exposed deadwood on trunk is called "Shari".

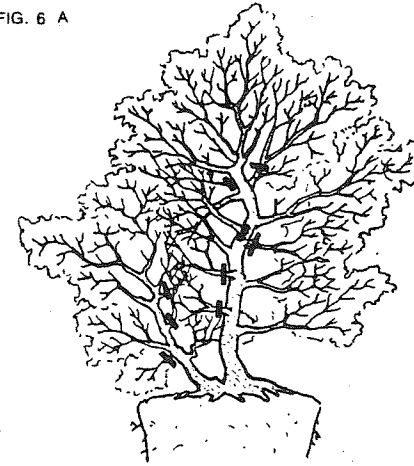
FIG. 5



Shari originating on upper trunk from jinned branch

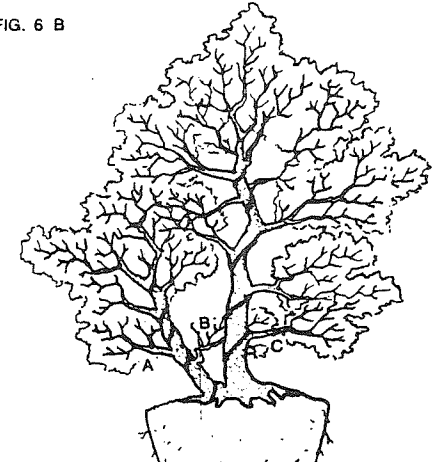
Shari terminates above soil line.

FIG. 6 A



Prune unnecessary branches to define shape and branch structure.

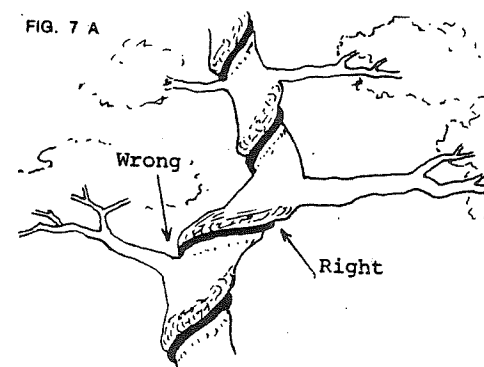
FIG. 6 B



Apply wire as tightly as possible. Branches at A, B, & C will eventually be jinned.

Before wiring, study the over-all balance of the tree, deciding which branches will be kept alive, which ones to jin, and which to discard. (Fig. 6A-B) It's important when wiring to be careful that the girdling wire be placed below the branches that are to be kept alive. (Fig. 7A-D)

FIG. 7 A

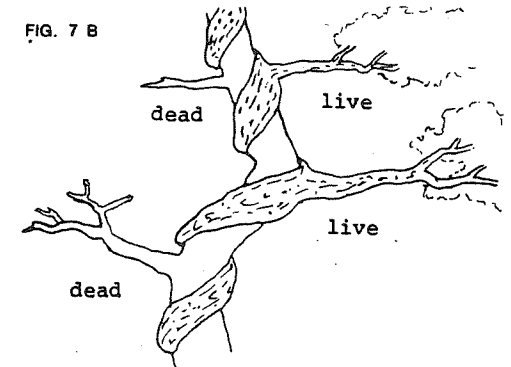


Wrong

Right

Most callous tissue (that which is kept) will appear above the girdling wire, so you must make the wire pass just below those branches which you intend to keep alive.

FIG. 7 B



dead

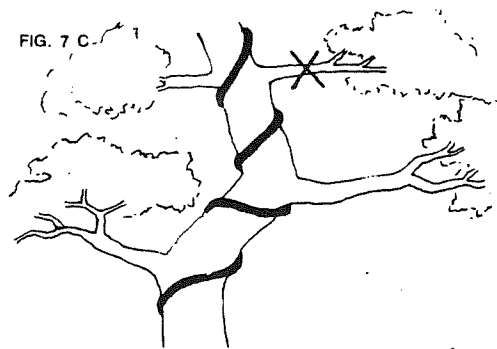
live

dead

live

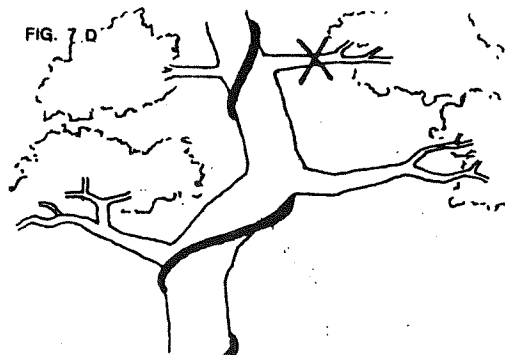
Branches just below the girdling wire will fall within the stripped portion of the trunk. They will die, so should be either jinned or removed.

FIG. 7 C



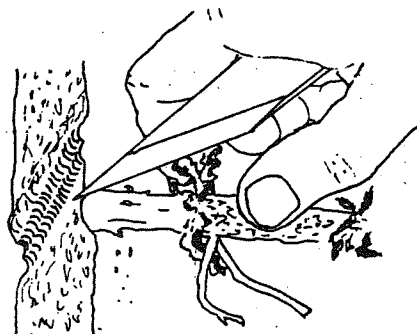
This way of wiring will preserve branches on both curves.

FIG. 7 D



This is also correct

FIG. 8



Making jin

"Jinned" branches, meaning dead, stripped branches, are made by cutting around the base of the branch with a sharp knife, then peeling off the bark completely, to give a natural lightning-struck effect. (Fig. 8) Fine sandpaper is used to file away shreds of bark and torn wood, making a smoothly-weathered appearance. Apply lime-sulfur after wood has dried.

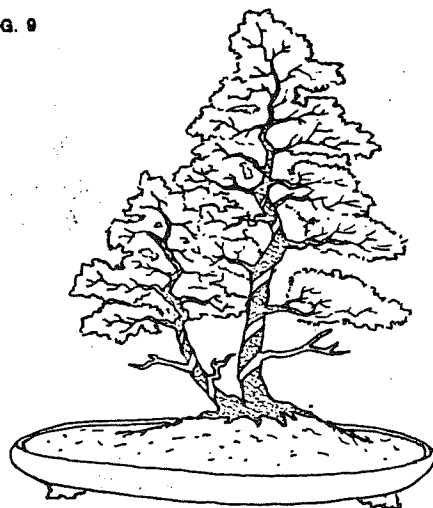
After this work is done take a final look at your tree for any refining touches. (Fig. 9)

Shari is more easily done in summer, when the bark is loose, but can be done in winter as well. Remember that the hot summer sun and drying winter winds can both be dangerous to a tree that has just been stripped, so be sure to give adequate protection afterward. Do not water too much, but do spray the foliage frequently.

It may be a good idea to use two strands of wire to girdle the trunk.

John Naka suggested, regarding this technique, that it is best not to wrap the wire too uniformly around the trunk or the stripped trunk will look like a barber pole. The length of time the wire remains on the trunk depends on the growth of the tree, and could be from one to three years.

FIG. 9



Tree from Fig. 6, with shari and jin work completed, and final shaping done.

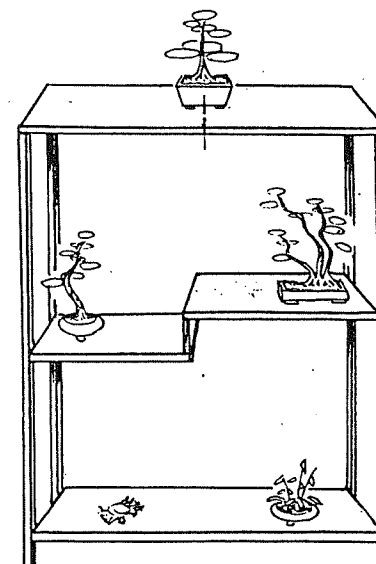
ESSENTIALS FOR DISPLAYING BONSAI

This is the second and last article to complete what appeared in the May '85 issue of the Newsletter. It appeared in the Japanese Satsuki magazine and written by the Japanese Satsuki Society Consultant Yamajou Kata. It appeared in the December 1979 issue.

(1) ETIQUETTE OF ADORNING A SHELF ARRANGEMENT WITH SHOHIN BONSAI

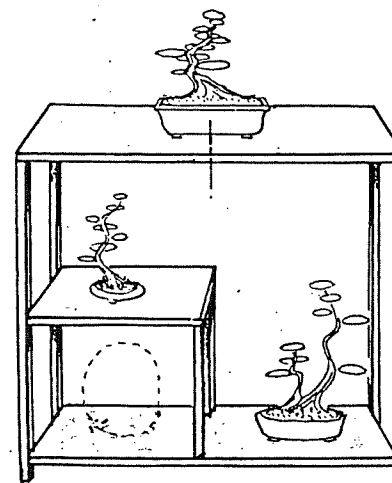
(Note:- Shohin bonsai are of a size such that the pot will fit in the palm of your hand and are from about 4 to 7 inches tall.)

It is generally accepted as proper, to display the articles in odd numbers such as 3,5,7, etc. Also do not display a large number of articles and run the risk of losing human interest. The main adornment should stress strength and age. It is more impressive to leave blank space between the objects and the shelves to give the impression that they have reached their final stage of growth. The main bonsai should be placed in the center of the top shelf



(2) ETIQUETTE OF SHOHIN SHELF ARRANGEMENT

In arranging satsuki azaleas during the flowering season place on the top step a bonsai with light, solid colored blossoms, on the middle steps blossoms with patterns of colors, and on the lower shelf bonsai with dark, solid colors. Plan the display to aim at harmonizing the entire arrangement. (In this case do not put grass or weeds on the lower shelf as a companion plant.)



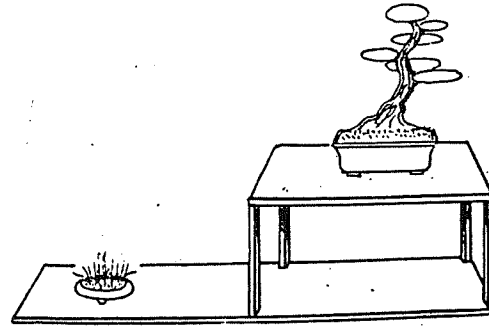
Here there is beauty in leaving an empty space.

Adapted by Jules Koetsch

(3) ETIQUETTE OF SHOHIN SHELF

ADORNMENT

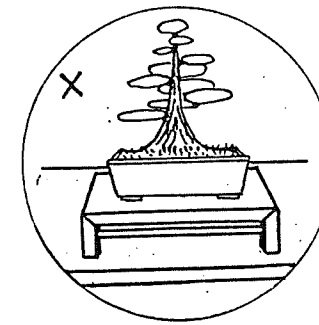
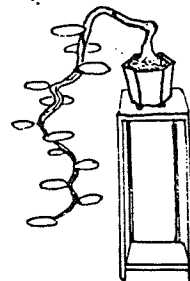
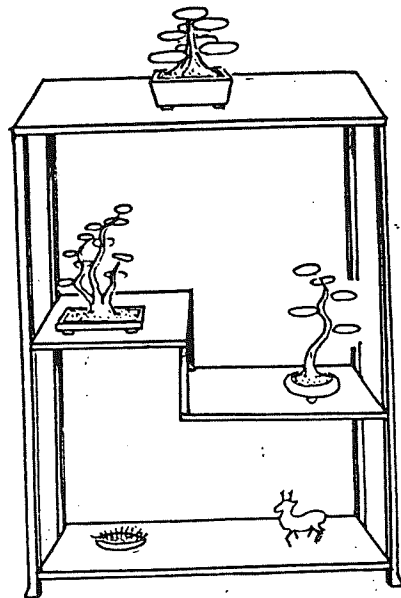
With this type of shelf arrangement, there is a tendency to place the bonsai on the lower or main plank. For the sake of neatness and appearance, place the accompanying grass on the main or bottom plank.



(4) ETIQUETTE OF SHOHIN SHELF

ADORNMENT

Definitely use small items of human interest if you do not have enough bonsai to fill up the shelves. This can be fun since there are a large number of small items to choose from. However, one must skillfully select the items so as not to detract from effect of the display in its entirety.)



Do not place the bonsai on stands or planks because their woods or type of wood will clash with the wood of the shelves.

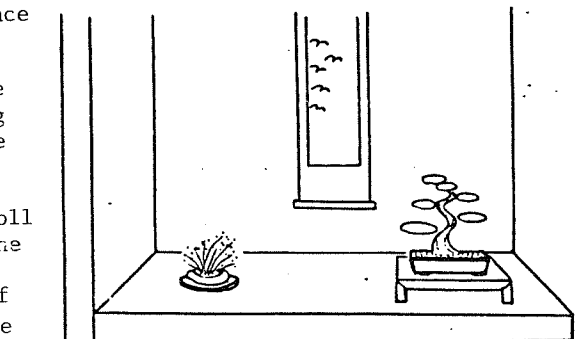
Of equal and possibly more importance is not to decrease the free or open space around the trees on the shelves by introducing the space consuming stands or planks.

ODIOUS USAGE

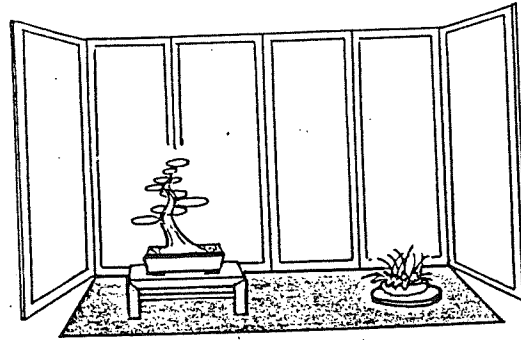
Do not line each shelf or cover it with silk gauze, since this will not permit the main tree to stand out. Do not place a tree on one of the lower shelves if it is too big since it will take away the much desired empty space that should surround it. The occasion when a bonsai can be placed on a stand is when it is the cascade style. The cascade's stand's color may contrast with the shelves especially if they are made of boxwood or mulberry, but this is the only exception to the rule where stands are not to be used.

ETIQUETTE OF ALCOVE DECORATING

Arrange the bonsai and the accompanying grass in accordance with what has been described above. The hanging scroll (kakejiku) should be of simple design and use an accompanying grass or object which has some meaning or relevance to the bonsai being displayed. Most simply stated is that the scroll and companion item must combine with the bonsai to give the impression of the same time of the year. It is not desirable



to design an arrangement wherein the scroll, the accompanying item and the bonsai do not appear to be found together or related in nature as to season or locale or age.

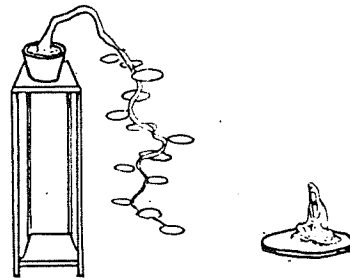
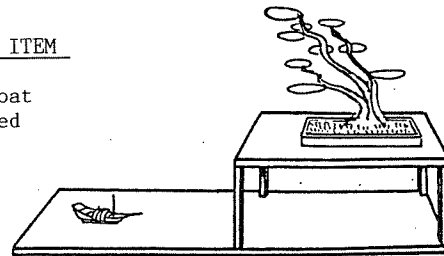


MAT DECORATING ETIQUETTE

The method for arranging the bonsai and the accompanying grass or item mentioned above still applies. Use a six panel folding screen. (The four center panels should be straight across the back of the display and not folded.) The screen's end panels should be folded slightly back to permit a view of the display. The display is on a blue rug.

(1) EFFECTIVE USE OF A SMALL, HUMAN INTEREST ITEM

Here a rush thatched boat or similar item is arranged to enhance the display.



(2) EFFECTIVE USE OF A SMALL, HUMAN INTEREST ITEM

For a cascade display on a pedestal where a cliff or bluff are being simulated, a Goddess of Mercy or Kannon can be used.

HAPPENINGS

1985 PBA AUCTION

The 1985 Annual PBA Auction at The Behnke Nurseries , 11300 Baltimore Blvd., Beltsville, Maryland was another success this year. The auction was reasonably-well attended. Although an accurate tally of the amount of money which bidders parted with, isn't available at this writing, it is estimated that the sum-total taken in for items auctioned off was in the neighborhood of \$ 3000.00. This meant that PBA netted about \$ 450.00 . Fortunately the weather was good.

Once again a heartfelt vote of thanks goes to The Behnke Nurseries Co. for hosting the event.

PBA FALL SYMPOSIUM

Just a reminder to not let you forget about the 1985 PBA FALL SYMPOSIUM. Mark down the dates so that you can plan to attend:

Dates: Saturday and Sunday , 12 & 13 October 1985
The place is the newly constructed, and fabulous Holiday Inn Crown Plaza at 1750 Rockville Pike, Rockville, Maryland. According to Bill Merritt the facilities will top anything we've had access to in the past. Not only will the vendors have the use of a fine bazaar area, but also the lecture/demonstrations will take place in a theatre type hall,- seats and a stage.

The theme of the 1985 symposium is flowering bonsai. Speakers who are to participate include Marion Gyllenswan and Chase Rosade. Also Dr. Richard Meszler will conduct a workshop on collected crab apples. Richard will provide the collected material from a location where there is some very fine material.

BEGINNERS' WORKSHOP

The introductory workshop held at the National Arboretum on Saturday, June 8th, was very attended. Bill Merritt opened the workshop by lecturing on the basic principles of bonsai. Then there was about a 60 minute break wherein the attendees could first select their juniper and then stop at any of the four tables set up to demonstrate the items other than a tree that are required to fashion a bonsai. Fred Meis held forth at two tables on which various pots and containers were displayed, Jack Wells provided a very complete display of tools used to make bonsai. Dave Garvin showed different types of wire and demonstrated on dead trunks and branches as to how to do the wiring. Cy Mills and Jules Koetsch put on a display on soils and how to screen them and mix them.

The last hour was taken over by Bill Merritt again in which he gave final instructions on what the beginners should do to style their trees.

IN MEMORIAM

It is with deep regret that we note the passing of two long-time members of PBA:

Mary Alice Wells, Northern Virginia.

David Bogash, Baltimore Bonsai Club

Mary Alice passed away last February and David just last month. Both were unstinting workers in their respective clubs as evidenced by the club officer positions they held. But most of all we will miss them for the people that they were.

plants suitable for indoor bonsai

by Edmond O. Moulin
Brooklyn, New York

Mr. Moulin is Horticulturist of the Brooklyn Botanic Garden, which granted permission to reprint this material.

<i>Sequoia sempervirens</i> California redwood California, Oregon tree, 365' Taxodiaceae	(3) to (5)	<i>Syzygium paniculatum</i> (<i>Eugenia paniculata</i> var. <i>australis</i>) brush-cherry Australia shrub, 20' Myrtaceae	(3)
<i>Serissa foetida</i> serissa S.E. Asia shrub, 2' Rubiaceae	(4)	<i>Thuja occidentalis</i> var. <i>globosa</i> American globe arbor-vitae eastern North America shrub, 4' to 5' Pinaceae	(5)
<i>Serissa foetida</i> (white, dbl.-flowered) S.E. Asia shrub, 2' Rubiaceae	(4)	<i>Trachelosperum jasminoides</i> Confederate jasmine, star jasmine Himalayas vine Apocynaceae	(4)
<i>Serissa foetida</i> var. <i>variegata</i> yellow-rim serissa S.E. Asia shrub, 2' Rubiaceae	(4)	<i>Ulmus parvifolia</i> 'Catlin' evergreen elm, Chinese elm, cultivar China, Japan tree, 40' Ulmaceae	(3) to (5)
<i>Severinia buxifolia</i> Chinese box-orange S. China, Formosa shrub, tree, 6' Rutaceae	(3)	<i>Westringia rosmariniformis</i> Victorian-rosemary E. Australia shrub, 3' Labiatae	(1) or (3)
<i>Sisyrinchium idahoense</i> Idaho blue-eyed grass British Columbia to Oregon and Wyoming 1½', herbaceous companion Iridaceae	(5)		

This concludes the three part series
on trees suitable for indoor bonsai.

CALEDAR OF EVENTS

13 July Saturday NORTHERN VIRGINIA (703) 938-0683 Green Springs Horticultural Center at 10:00 a.m. Dr. Richard Meszler, one of PBA's leading bonsai experts will be the speaker. Also bring trees for critique, wiring or rewiring, especially the beginners who were at the National Arboretum Beginners' Workshop.

14 July Sunday BOWIE (301) 496-5195 - work, 262-9633 - home, Jim Sullivan. Meeting is at Akey's place at 2:00 p.m., 12412 Shadow Lane, Bowie. Air-layering demonstration and "instant" driftwood bonsai. Any questions? - Call Jim Sullivan.

21 July Sunday BALTIMORE (301) 557-9399: Location to be announced. Time is 1:00 p.m. OUTDOOR WORKSHOP. Bring plants to work on. Tree of the month -elms. Remember problem trees and raffle!

When Summer comes, because a number of people find other activities that take precedence over bonsai activities. Hence a few clubs do not hold meetings during the Summer months.

WASHINGTON (202) 232-6126 will not resume meeting until 21 September.

For other clubs including the following, telephone the co-listed numbers to find out what their planned activities will be for the Summer months:

ANNAPOLIS (301) 263-3995

BROOKSIDE (301) 871-5768

KIYOMIZU (301) 423-8230

A reminder to all members, - any member is free to attend the meetings of any PBA club other than his or her parent club.

A reminder to all PBA club EVPs. Please provide your club's monthly schedule two months prior to the meeting date so that it can be put into the Newsletter in time to reach your members. Also update them if needs be. It would be preferred that your schedules arrive no later than the second week in the month which is prior to two months hence when the event is to take place. A postcard in the mail, a telephone call, or a complete schedule for a number of months would be appreciated. Thanks for your cooperation in these matters.

The Editor

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