

In all things, in all Nature, in the stars

Of azure heaven, the unenduring clouds,
In flower and tree, in every pebbly stone
That paves the brooks; the stationary rocks,
The moving waters and the invisible air.
..... from link to link
It circulates, the Soul of all the worlds.

Activity is Manifest in All Life

William Wordsworth

Front Cover: Diospyros whyteana by Len Redfern. It was grown as a hedge in Kirstenbosch Gardens that was planted in 1924. It was collected in 1995.

Photograph taken by Digital Image Solution for ABC2 in 2006.



The same tree at the show in Kirstenbosch in 2013. Photograph taken by Dr. Carl Morrow.



Dedicated to promote the international artistic and horticultural expression of classical bonsai art

WILLIAM N. VALAVANIS • 1070 MARTIN ROAD • WEST HENRIETTA, NEW YORK 14586 USA **1** (585) 334-2595 ● FAX (585) 334-6239 ● E-MAIL: WNV@internationalbonsai.com ● www.internationalbonsai.com

#### Special Bonsai Benefit Auction

One of my private clients who has been collecting some of my finest bonsai during the past seven years is moving into a smaller home. She has donated her entire bonsai collection of 34 trees to the Monroe Community Hospital Foundation, which supports the Monroe Community Hospital where the Bonsai Society of Upstate New York has their annual exhibitions. This was also the venue for the first and second U.S. National Bonsai Exhibitions. Several of the bonsai in this collection have been on display in past U.S. National Bonsai Exhibitions and in bonsai publications as well, some in training for over 25 years.

Many of these bonsai are exhibition ready and others can be easily developed into fine specimens with a bit of trimming and wiring. Bonsai professionals will find material here which can be quickly and easily trained for sale. The entire collection will be included in the **Benefit Auction** at the upcoming **International Bonsai Colleguium** on Saturday, June 8, 2013 along with other items. There are no reserves on any of the bonsai and related items.

Admission to this special Benefit Auction will be LIMITED to those attending the banquet. People will not be allowed to attend after the meal to bid on items. Banquet tickets are \$40 which includes the Benefit Auction.

The Benefit Auction is included in the full registration for the International Bonsai Colloquium and I've extended the early registration fee of \$280 until June 1, 2013. This is a special event with some of the finest bonsai educators in the United States and England. The Technical Bonsai Seminars has never been seen before and will help beginners as well as seasoned professionals with their growing and training of bonsai. The Bonsai Display Seminar is truly unique as well where each artist will display the same tree to show their taste and understand ing of the art. The lecture/demonstrations have been carefully designed to be instructive as well.

In addition to the above unique activities there will be five rooms filled with 22 vendors offering their finest plants, containers, supplies as well as several woodworkers with bonsai tables and other display items to add to your cultivation and appreciation of bonsai. Another unique highlight is my private display open to the public of some of the finest bonsai I've worked on during the past half century. Each of the 25 bonsai on exhibit has been carefully selected and will be formally displayed to present their beauty for your enjoyment and appreciation. Photographs are encouraged so you can share this unique experience with others at a later date. My newest book, illustrating advanced and intermediate techniques as well as other cultural information features over 675 developmental photos of 100 of my finest bonsai will be released at this event. The descriptive photos will help you to develope and improve your bonsai to a higher level.

Full registration, which includes a banquet ticket, remains at \$280 until June 1st. Banquet tickets are \$40 which include the Benefit Auction and can be easily reserved by mail, fax or through my website at:

I look forward to welcoming you to the International Bonsai Colloquium where you will spend an enjoyable weekend learning about bonsai among bonsai friends as well as having the opportunity to add to your collection. You will not be disappointed.



June 6-9, 2013 HOLIDAY INN - AIRPORT ROCHESTER, NEW YORK

As with all things in life, there are ups and downs. Winter is never a good time for any gardener, even less so for bonsai. Just when I think that the magazine will have nothing to report on, I am flooded with articles. A BIG thank you to all who send stuff and to those who so kindly allow me to use their articles. Hopefully, credit is given where and when due. I have also been very lucky to have been give some samples of microbiocides and I am very excited about trying out this product. Watch this space for feedback in 6 months time!

BiSA can be accessed in many ways: either by subscribing or accessing the magazine online at Calameo when the link becomes available. The new website is nearly up and running and migration should take place this weekend. Thank you for your patience.

As always, this magazine depends on the contributions of individuals and clubs. Please use it as your forum to promote your shows and demonstrators. Please send us your feedback as well. Why do't you send photos to brag about your club members and their trees?

Hope you enjoy this issue

Cart

### **WISTERIA BONSAI**





It seems that while many people would like to have a wisteria bonsai, they give up on them when they fail to bloom consistently. After all, it is a rather dull looking plant when not in flower. I'm sure there are many non-blooming wisteria currently being used as umbrella racks.

Wisteria bonsai fail to bloom for several primary reasons. The first is that people tend to repot them too frequently. Keeping the wisteria a bit root bound is important—in fact, you should not repot your wisteria more often than once every five years or so.

That's the first thing. The second is that wisteria need a lake the size of China to be happy. Give your tree a lot of water by immersion of the lower part of the pot in water during summer. DO NOT leave them soaking year round. Without resting the pot in a basin of water the tree won't flower much the next year. Oddly, the roots don't rot. (In Japan they have watering drones called *apprentices*, who can water in their sleep if necessary. If you don't own a drone, and don't wish to water 28 times a day yourself, it is perhaps best to use the immerse technique for the summer growing season.)

These first two practices must be combined: If you don't repot frequently, the soil will get compacted (which we want for good flowering) but that compaction will make it very difficult to water sufficiently from the top when the tree needs a lot of water, in the summer. Hence the pan underneath.

The third thing to promote consistent blooming is to be careful when and how much you're fertilizing. It is best to fertilize strongly AFTER FLOWERING (April/May) until about July, and then slack off. That way your flower buds will set for next year, and you will restrain foliage growth over the summer.

Lastly, the wisteria will usually produce some tendril growth, which if encouraged will shift the plant into a vegetative growth habit and reduce flowering. Nip these tendrils back to prevent too much growth.

Keep the darn things in the sun. Put up big fans to keep the clouds away. And then watch them bloom.

Most of the time our hand-wringing about wisteria bonsai is when an otherwise happy tree won't bloom. They can be obstinate and willful. Tendril snaking it's way out of a wisteria, after flowering. These should be trimmed back, and may be wired. Too much tendril growth may limit flowering...and too much flowering may limit tendril growth (and therefore branch development). A tricky balance, sometimes-

If you've a wisteria that blooms itself nearly to death, puts out a few leaves, and then sulks there the rest of the summer, you need to get out the bull whip. Or a least some good loud music and seriously bump up your fertilizing. I had a small tree last year that put out a ton of blooms. I cut 2/3 of them off, and it did not put out a single tendril the whole year. This year it tried the same thing, and I said, 'No you don't, you're going to kill yourself with sex'. So I cut ALL the blooms off (I hope I'm not horrifying anyone with a wisteria that won't bloom), put on a lot more organic fertilizer pellets, and now I've got half a dozen

tendrils.



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A tree that does not grow—and you may see this on any very mature tree: juniper, quince, or vine—cannot develop. It won't grow enough to develop branches, or more complex ramification. Worse, sometimes such a tree will lose ramification. It's just hanging out there, lounging on the bean bag, drinking beer, getting



obstinate, slack-jawed, and willfully unproductive. Most of us do not have this problem with wisteria. We've the opposite problem, reigning in a wildly growing plant. Which, for the most part, vines are: Totally untamed wild things of the plant world.

Much of bonsai care is 'nudging adjustments'. You waddle around your bonsai yard looking carefully at each tree, trying to notice what each

is doing. What type of energy it has, and deciding if you agree with that direction. Then you might add some fertilizer to a tree, or take some off, or reposition the tree for more sun, or less sun. Or bring out the podium and place it in front of your wisteria—or some other plant, like a quince—for a long lecture on flowering too much and growing too little. They are patient with such measures, plants are, for the most part. It's your neighbor, leaning over the fence, who has a worried look.

Michael has been doing bonsai since he was about 15. Since then the bonsai passion has had several transformations: A hobbyist while in college, a professional potter making bonsai containers in the 1990's, and then traveling to Japan to apprentice with master Shinji Suzuki in 2003. He also wrote a book called,, Post-Dated: The Schooling of an Irreverent Bonsai Monk. His blog can be found at:

Crataegus Bonsai. Reprinted with kind permission by Michael Hagedorn

## INDRINGER WORTELS



Die reeks fotos is geneem deur Anton vir Mac Boshoff tydens n demonstrasie by Waterberg Bonsaiklub. Die gasheer boom is n Croton gratisimus en die indringer plant n Ficus burt-davi.

Vir meer inligting ivm die boek, kontak vir Mac by Mac.Boshoff@ekurhuleni.gov.za











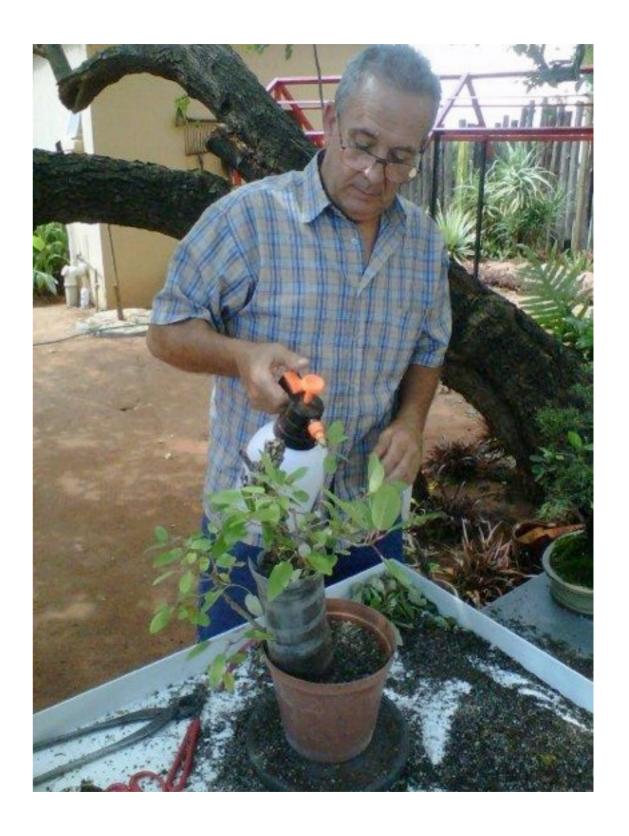












### MOSS

Besides a pot, there are several attributes that are important to enhance the visual display of a Bonsai tree. Covering the surface of the soil with moss is one of these, a practice very common especially when displaying bonsai trees at exhibitions. Apart from the esthetic aspect, a very practical aspect is that it protects the soil from dehydration and from birds trying to dig through the soil looking for insects. The Japanese have used moss in their famous Japanese gardens for centuries and have even specialized in "moss gardens". So the question that arises is; how do I get my soil surface covered with beautiful moss, ferns and lichen? There are two techniques, which will be discussed

accordingly.

# Th

#### **Collecting Bonsai moss and ferns**

The first technique, obviously, is to collect moss and ferns and transplant these directly to your bonsai tree. Moss can be found at various places, but some places are more likely to provide you with the right kind; moss that only covers the surface and doesn't grow aggressively. After all, you do not

want your bonsai tree to compete with rapid growing mosses. So, where to find the right kind of moss for your bonsai tree? Try to collect moss

from a place that is similar to where you'll transplant it to, often this means a sunny place. Try rooftops, cracks between the sidewalk, moss growing on the bark of trees, etc. You can even try to find different types of moss to create an appealing display.

Collect the moss by using a putty-knife and try to collect relatively large patches. Keep the moss moist and try to transplant it without too much delay on your bonsai's soil surface. The soil surface should consist of a thin layer of nutritient-rich and water-retaining soil (potting soil).

### **Cultivating moss for Bonsai purposes**

Instead of collecting moss and transplanting it to your bonsai tree, we can also cultivate it ourselves. The main advantage is that this way we can easily combine different types of moss, to create a diverse and more appealing result.

Similar to what is explained above, we collect the moss from sunny places. Try to collect different



species. Next, let the moss dry out in the sun so we can easily crumble/mince it to very fine 'dusty' parts. These parts are now ready to be sprinkled over the nutrient-rich top-soil-layer of your Bonsai tree. Keep it moist (preferably by misting daily) and within a few weeks you will notice the moss starts growing.



Similarly, you can grow the moss separately in flat containers, so you have a supply ready when you need it.

(Kindly reprinted with permission by Bonsai Empire)

### Moss in your garden

Mosses are probably the most environmentally sensitive group of living things, and many species no longer grow within our urban or industrial atmosphere and therefore it may not possible to successfully transplant mosses which are not

already native to that locality. Thus the cardinal rule for growing mosses, as with all wild plants, is to duplicate as nearly as possible, each species original habitat.

Transplanting mosses is quite a different matter from transplanting fibro-vascular plants. It is not as simple as to dig a hole, insert the root system and fill in firmly with earth. Mosses however have no root system to plant in the soil. They only have short hairy fibres known as rhizoids which serve as an anchoring system on whatever substratum is its natural habitat. When moss is collected for transplanting you have only a thin sod held together by this network of filaments, and nothing to anchor it in place until it becomes weathered and wedded to the soil in its new location. Every gardener knows how notoriously curious animals are about anything newly planted, and loose moss becomes a convenient toy for them and turn over every bit of moss they encounter for slugs or other life that may be underneath. Even small birds will soon scratch a loose patch of moss to bits. Gary Howes likes to place a home-made paper-clip-wire over newly planted



moss until it had become a firm part of the new ecosystem. In places where mosses may become a threat to a healthy lawn, owners often resort to fertilizer to stimulate a more vigorous growth of grass, believing this may then crowd out the moss. On the contrary, just the opposite is apt to occur. Mosses need and thrive on

phosphates, and soon take over completely. The Japanese have long been famous for their moss gardens covering large areas with a thick coat of moss of various species.

(Source: http://worldofmosses.com/miyg/index.html)

This article is sponsored by North Coast Agencies in Ginginglovu. For more information, please contact Mansell at 035 337 1620.

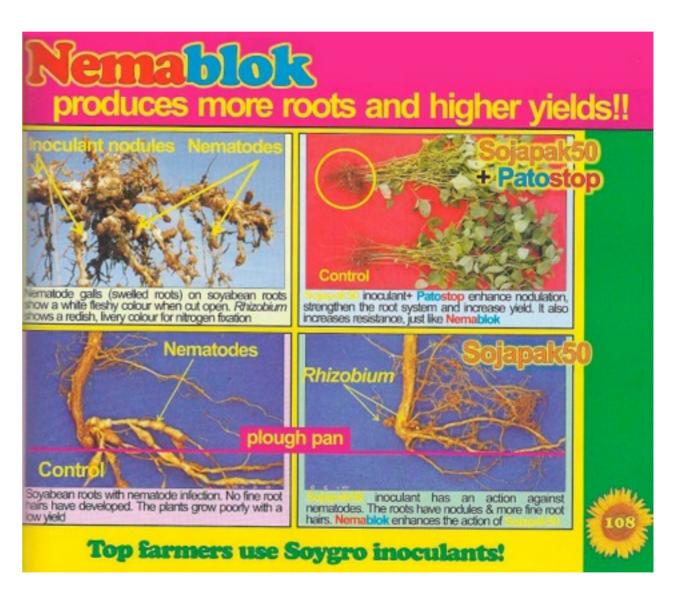
Soygro develops and manufactures mainly microbiological plant and soil inoculants and related products to aid in suppressing plant diseases and to enhance growth activities. Mainly used in agriculture, it is not freely available from your suburban garden store, but it is well worth the visit to your farmers coop.

I tested 3 products, namely Patostop, a foliage spray; Nemablok, an inoculant against nematodes and Biobass, a biological insecticide.

Patostop is a general plant health spray which acts like a "plant antibiotic". It has the ability to solubilize iron which aids suppression of fungus. Patostop strengthens the fine root hairs, but also lengthens the main root. Patostop is able to control nematodes to a certain extent. It can be used effectively with other products.

Nemablok is, as the name states, a preventative nematode chemical which would enhance yamadori success as it stimulates root growth. It also is able to prevent root rot as it suppresses Rhizoctonia. (Great for those of us who grow from seed).

None of us like to use harsh chemicals against those little pests that can so quickly destroy our trees. Biobass is a broad spectrum biological insecticide and it is most effective in areas with high humidity. It is totally pet friendly!



### Hachi-No-Ki, A Perspective

### **Robert Baran**

Many books and articles giving a brief overview of bonsai history have made passing mention to the Japanese play *Hachi-no-ki* (The Potted Trees). Perhaps a handful have even given a one or two line synopsis of the piece. This current article seeks to provide some in-depth background and understanding of this work.

The play is apparently based on a 1383 folktale, and that story tells of a supposed incident during the life of the historical Tokiyori Hojo (1226-1263). Tokiyori, at age twenty, succeeded his brother as regent or governor to the Minamoto-clan shogun, the supreme military general. While the shoguns ruled, they and not the hereditary emperors guided the island nation. Tokiyori held his post for ten years, consolidating the regent's power until his health began failing. Although he continued in fact to rule, Tokiyori shaved his head and retired to a monastery. He then travelled incognito through the countryside in order to see for himself the needs of the people and abuses of the administration. His time in government was marked by a wise economy and a close interest in agriculture.

The play itself is in two parts. In the first, a travelling monk, lost in the snow in the dead of winter, happens to come upon the meager residence of Tsuneyo Genzayemon. Formerly in Tokiyori's employ, Tsuneyo once owned this land in the Sano area, but lost it through a relative's deception. (If Tsuneyo was also a real person, his life's story has been lost to history.) Tsuneyo and his wife, hesitant at first, offer what miserable accommodation they have to the traveller and share a poor peasants' meal of a little boiled millet. To provide heat for this special occasion, but lacking any other fuel, the old man, with Buddhist resignation, decides to burn his only three dwarf potted trees. To the silently listening monk, Tsuneyo tells his story of suffering and poverty, and his long-held loyalty to the shogunate.

In the second part of the play, which is set six months later, we find that the monk actually had been Tokiyori himself, travelling in disguise. Impressed with Tsuneyo's kindness, and wanting to test his claims of loyalty, Tokiyori spreads a rumor from the capital city of Kamakura that war is imminent. An army of the finest and bravest soldiers assembles there to protect the shogun, in all their polished glory, on fattened steeds, with grooms beside them. Tsuneyo is there also, by himself, in worn-out armor, with rusty sword, and leading a slow, emaciated horse. Moved by the old man's proven loyalty, Tokiyori rewards the impoverished samurai by restoring to him his former lands. In addition, three other pieces of land are deeded to him. The names of these include the words "Ume" (plum), "Sakura" (cherry), and "Matsu" (pine), in gratitude for Tsuneyo's sacrificed trees.

Hachi-no-ki has no definite authorship, but traditionally has been attributed to the playwright Zeami because of stylistic similarities to some of his other works. In fact, Zeami Motokiyo (1363-1444) was Japan's Shakespeare. With the help of his father, Kan'ami Motosugu, he fused a mixture of secular entertainment, country songs and dances, and Shinto and Buddhist plays with classical literature. Both Zeami and Kan'ami were playwrights, actors, and composers. They also had the critically discerning patronage of Yoshimitsu, the young but politically astute Ashikaga-clan shogun. The classical tradition was revitalized and broadened in its appeal by Zeami's plays and three major treatises on theater and aesthetics. According to various authorities, his plays numbered anywhere between twenty and ninety. These pieces were based on

older plays, legend, or contemporary events, and initially were enjoyed by all levels of society.

This new entertainment was eventually called simply "Noh" ("talent" as in "the display of talent in a performance"). It was adopted and nurtured by the Zendominated atmosphere of the court, and exemplifies the Zen combination of splendor used with restraint. Beautiful and heavily brocaded costumes surround male-only actors who perform minimal symbolic gestures and refined, extremely slow dance steps to deliberately sung or spoken text. The text is usually arcanely worded with many ancient poetic allusions and wordplays. A seated chorus is at stage-left, and at times either acts as narrator, or speaks for one or more of the characters. The stage itself is a curtainless, polished raised platform eighteen feet square, having the audience in front and at stage-right. A Noh theater is immediately recognizable by its unvarying painted backdrop of a huge pine tree growing in the ground. Sparse stage props are also to be noted.

In Hachi-no-ki, a single pine branch held up by a square or circular form on the bare stage represents the three small trees to be sacrificed amid the play's dominant themes of sorrow and purity. This particular play is fairly unique in Noh theater because of the Western-like linear treatment of time and space without the use of any supernatural intervention to develop the characters' downfall and salvation. The starkness of the opening winter scene is also highlighted by the absence in Hachi-no-ki of what would otherwise be obligatory music for Tsuneyo's entrance. Unlike many other Noh plays, where masks to represent specific characters or emotions are used, here, they are not worn.

In the early 1600's, the Tokugawa clan emerged as the shoguns and maintained peace for two and a half centuries. Their hold on power was, in part, due to numerous rules and decrees governing many areas of Japanese life. The Tokugawa ritualized Noh performances and music, and set out systems of precise rules and regulations for the four distinct Noh schools. Strict rules were also established for many other activities including flower arrangement, the tea

ceremony, and the forming of hachi-no-ki (as Japanese dwarf tree culture was commonly called until the mid-1800's).

As official art and ceremony, Noh became so solemn and symbolic, with an appeal primarily to the educated aristocracy, that a more lively and spectacular form had replaced it for the general public: kabuki theater. Each five to ten page Noh text now took an hour or two to perform.

Out of perhaps 2,000 Noh plays, some 800 or so works are extant, most of which were written in the fifteenth century. About 250 survive in the art's repertoire as consummate masterpieces of Japanese literature whose ritualistic enactment must be witnessed in performance with flute, drum and chorus to be truly appreciated. Hachi-no-ki is counted among these currently active plays.

Specific excerpts from a very simple English rendering of the text offer insight into such tree raising at the time:

Tsuneyo: "How cold it is! And as the night passes, each hour the frost grows keener. If I had but fuel to light a fire with, that you might sit by it and warm yourself! Ah! I have thought of something. I have some dwarf trees. I will cut them down and make a fire out of them."

Monk: "Have you indeed dwarf trees?"

Tsuneyo: "Yes, when I was in the World [of society] I had a fine show of dwarfed trees; but when my trouble came, I had no more heart for tree fancying, and gave them away. But three of them I kept -- plum, cherry, and pine. Look, there they are covered with snow. They are precious to me; yet for this night's entertainment, I will gladly set light to them."

Monk: "No, no, that must not be. I thank you for your kindness, but it is likely that one day you will go back to the world again and need them for your pleasure. Indeed it is not to be thought of."

Tsuneyo: "My life is like a tree the earth has covered; I shoot no blossoms upward to the world."

Wife: "And should we burn for you these shrubs, these profitless toys."

Chorus: "Shall I from one who has cast life aside, dear life itself, withhold these trivial trees?" Then he brushed the snow from off them, and when he looked, 'I cannot, cannot,' he cried. 'O beautiful trees, must I begin?'

'You plum-tree, among bare boughs blossoming hard by the window, still on northward face snow-sealed, yet first to scent cold air with flowers, earliest of spring: you first shall fall... Hewn down for firewood. Little had I thought my hand so pitiless!'

'You cherry, because each spring your blossom comes behind the rest, I thought a lonely tree and reared you tenderly. But now I, I am lonely left, and you, cut down, shall flower but with flame.'

'You now, O pine, whose branches I had thought one day when you were old to lop and trim, standing you as a post in the field, such use shall never know. Tree, whom the winds have ever wreathed with quaking mists, now shimmering in the flame shall burn and burn...'" (Adapted from Waley)

The term "hachi-no-ki" (literally "the bowl's tree") implies a deeper container than bonsai ("the tray's plant"). In the former, the art had not been developed enough to maintain a typical tree in what is now the characteristic shallow pot.

By the evidence in this play, we cannot determine if such trees at the time in Japan were only gathered in the wild, or if some were at least partially formed by human intervention (with some trimming perhaps, or by way of rooted cuttings). We cannot necessarily say how big or small they were, how long they may have lived in their containers, or how much the trees conformed to any aesthetic ideals

which we know were later applied to the art. Technical specifics are lacking, but that is not surprising considering the medium.

The existence of this play indicate that some 600 years ago, dwarf potted tree culture was well-known enough in Japan to be a pivotal element in some piece of folklore which soon became retold in the theater of the court. Historical references within the story itself push back such gardening another century. At least these three types of plants were used, and possibly exhibited at that time, in the early stages of the art. It apparently was not unusual for even a minor member of the aristocracy to care for several trees, or even if reduced to poverty, to still keep a few for the beauty they offered.

There will continue to be disagreement over the date of the commencement of the true practice of bonsai. We can conclude from this oft-mentioned, but infrequently appreciated play, however, that some form of aesthetically pleasing dwarf potted tree culture in Japan was indeed being practiced to a notable degree long before the art included its present array of horticultural techniques. For while skill does elevate and expand it, the origin of any form of art lies in the appreciation of a thing of beauty.

(Originally published in the ABS Bonsai Journal, Vol. 26, No. 2, Summer 1992, pp. 3-4, 23. 1992 American Bonsai Society, reprinted by permission)

# WESTERN PROVINCE

CLUB	TOWN/SUBURB	CONTACT PERSON	PHONE NUMBER	EMAIL	WEB SITE
Bishopsford Bonsai Nursery	Houtbay	Gail & Lionel Theron	021 790 3478	bford@cybersmart.co.za	CLICK HERE
Blaauwberg Bonsai Kai		Dawn Collier	076 529 7848	mrjade@mweb.co.za	CLICK HERE
Boland Bonsai Kai	Stellenbosch	Coenie Brand	082 804 9195	cjjbrand@snowisp.com	CLICK HERE
Bonsai Society of South Africa	Goodwood	Ben van Heerden	082 870 6212	pekebonsai@vodamail.co.za	CLICK HERE
Bonsai Tree	Somerset West	Terry Erasmus	082 890 7927	info@bonsaitree.co.za	CLICK HERE
Cape Bonsai Kai	Newlands	Tony Bent	083 230 5348	tony@nanoson.com	OLION FIERE
Ceres Bonsai Nursery	Ceres	Francois Loots	083 630 6290	francoislootsceres@gmail.com	CLICK HERE
Helderberg Bonsai Kai	Gordon's Bay	Ras Smal	084 655 0718	info@bonsaigarden.co.za	
Kat River Kai	George	Tobie Kleynhans	083 635 1447	toblen@mweb.co.za	CLICK HERE
Olive Grove Bonsai Centre	Kraaifontein	Rudi Adam	021 987 4040	rabonsai@telkomsa.net	CLICK HERE
Overberg Bonsai Kai	Hermanus	Wynand Vermeulen	071 363 2169	wynandwurms@gmail.com	
Pygmy Bonsai Nursery	George	Andre Krige	083 471 5415	pygmy.bonsai@gmail.com	CLICK HERE
Potter's Yard	Houtbay	Phil Levitt	021 790 0559	phil@pottersyard.co.za	CLICK HERE
Stone Lantern Bonsai Nursery	Durbanville	Steven le Roux	083 375 0446	stonelantern@hotmail.com	
Tygorborg Rongoi Club	Stollophooph	Pan yan Haardan	000 070 6010	nokohonogi@vodomojl oo zo	

### BONSAI CLUBS, NURSERIES AND SUPPLIERS

# GAUTENG

CLUB	TOWN/SUBURB	CONTACT PERSON	PHONE NUMBER	EMAIL	WEB SITE
Bonsai Huisie	Krugersdorp	Andries Straus	083 393 0188	info@bonsai.co.za	CLICK HERE
Brenthurst Gardens	Houghton		011 646 1529	thegarden@brenthurstgardens.c o.za	
Dunmau Bonsai	Olifantsfontein	Duncan Wiles	081 382 5233	wiles@icon.co.za	
East Rand Bonsai Kai	Boksburg	Rudi Buys	084 575 8141	erbk@telkomsa.net	
Eastern Bonsai Society	Highlands North	Hansie Bekker	082 820 4306	hansieb@lantic.net	CLICK HERE
Far West Bonsai Kai	Randfontein	Kathy Steyn	083 710 4243	pennantpress@y.co.za	CLICK HERE
Jo-Da Bonsai Nursery	Dunotter	John & Frieda Haw	011 734 2765	joda0@absamail.co.za	CLICK HERE
Lieberman Pottery	Johannesburg	Adrian Lieberman	011 482 2215		
Midway Bonsai Society	Midrand	Hennie Reynecke	082 414 1171	hennie.ero@kingsley.co.za	CLICK HERE
Mikibu Bonsai	Randjiesfontein	Jonathan Cain	083 698 9069	jonathan@bonsaisa.co.za	CLICK HERE
Pretoria Bonsai Kai	Pretoria	Org Exley	082 809 2037	org@ntp.co.za	CLICK HERE
Sawasdee Bonsai Empire	Lonehill	Bill	083 307 1885	billruth@telkomsa.net	
Shibui Bonsai Kai	Emmerentia	Derry Ralph	011 788 6104	bonsaikebana@mweb.co.za	CLICK HERE
Southern Bonsai Society	Alberton	Kallie du Plessis	082 678 2795	kareldup@netralink.com	CLICK HERE
Topsom Nursery	Witkoppen	Ellen Chen	011 023 7733	topsomnursery.ellen@gmail.com	
Vaal Bonsai Kai	Vereeniging	Deon Rynders	083 414 6472	orthorite@webhome.co.za	CLICK HERE

# EASTERN PROVINCE, MPUMALANGA, NORTHERN CAPE, LIMPOPO & NORTH WEST PROVINCE

CLUB	TOWN/SUBURB	CONTACT PERSON	PHONE NUMBER	EMAIL	WEB SITE	
EASTERN PROVINCE						
Border Bonsai Society	Gonubie	John Jansen	083 448 3417	john.jansen@bipa.co.za	CLICK HERE	
Eastern Province Bonsai Kai	Port Elizabeth	Lionel Owen	083 495 3375	lilowen@netactive.co.za	CLICK HERE	
Fuji Bonsai	Port Elizabeth	Greg Blandford	082 417 1455	fujibonsai72@gmail.com		
		MI	PUMALANGA			
Nelspruit Bonsai Kai	Nelspruit	Eddie Jenner	083 324 6671	earthmatters@mweb.co.za	CLICK HERE	
		NOF	RTHERN CAPE			
Kalahari Bonsai Kai	Upington	Jandre Brink	083 388 8476	kalaharibonsai@gmail.com		
			LIMPOPO			
El Shaddai Kwekery	Phalaborwa	Willie Viljoen	082 923 8195	whv@lantic.co.za		
Sikani Bonsai Nursery	Phalaborwa	George Vrey	082 325 3767	georgew@lantic.co.za	CLICK HERE	
Tzaneen Bonsai Club	Tzaneen	Hennie Smit	083 259 2806	midas@inx.co.za		
Waterberg Bonsaiklub	Bela-Bela (Warmbaths)	Ian Pringle	083 468 3578	pikkian@iafrica.co.za		
NORTH WEST PROVINCE						
Klerksdorp Bonsai Kai	Klerksdorp	Pieter Loubser	082 564 4878	mploubser@gmail.com		
Rustenburg Bonsai Kai	Rustenburg	Koos Robbertse	083 273 2968	smarais@angloplat.com		

# FREE STATE & KWAZULU NATAL

CLUB	TOWN/SUBURB	CONTACT PERSON	PHONE NUMBER	EMAIL	WEB SITE	
FREE STATE						
Bloemfontein Bonsai Kai	Bloemfontein	Vian Herbst	083 458 7183	vian@fxsos.co.za	CLICK HERE	
Platberg Bonsai Kai	Harrismith	Mariaan Pienaar	083 454 9174	bartsch@dorea.co.za		
Die Towerpot	Harrismith	Magda	058 622 3373			
		KW	AZULU NATAL			
Bonsai Boyz	Pinetown	Ed Brits	082 771 5395	info@bonsaiboyz.co.za	CLICK HERE	
Bonsai Buddies	Umhlali	Judy				
Ballito Bonsai Club	Umhlali	Caroll Hermann	082 579 5599	info@bonsaisouthafrica.co.za	CLICK HERE	
Durban Bonsai Society	Durban	Edwin Borensee	084 625 8920	borresene@velavke.co.za	CLICK HERE	
Kengai Bonsai Kai	Assegay	Lynn Theodoro	083 254 1022	mistymoonbonsai@gmail.com		
Pietermaritzburg Bonsai Society	Pietermaritzburg	Jurgen Nuss	083 745 6078	nuss@telkomsa.net	CLICK HERE	
"The Castle" Indigenous Bonsai	Hillcrest	Garry or Alan	082 801 8860 073 588 8768	indigbonsai@mweb.co.za	CLICK HERE	
Zululand Bonsai Society	Richards Bay	Barry Stofberg	083 324 9392	info@zululandbonsai.co.za	CLICK HERE	



#### How to Build a Koi Pond Part 2 Filtration

Design your Koi pond around your filtration, not the other way around

You will hear us say this a lot. Your filtration system is where you will spend more time than any other if you don't 'do it right'.

Filtration is a complex subject and is one of the reasons we focus on it so highly on this website. There are a few things you have to realise about filtration.

### Running costs

Filtration runs 24/7. Minimising your running costs are something that even if you can afford to fork out thousands on electricity on a monthly you probably shouldn't. It's not green, and we'd far rather have you spend that cash of fish food and Koi from us!

With some planning you can keep your running costs far lower than you might think. We have designed systems that can deliver ten thousands litres per hour of water through your filters at a total cost of 24W...

Contrast this with filter systems that we label refugees from the 1970's - the era when a sand filter, a pressurised bio filter and a UV light constituted 'state of the art' Koi pond filtration... all coupled of course to a massive noisy energy guzzling water pump for good measure...

Scary as it may seem, technology HAS actually progressed and despite the fact that there are still some supposed Koi pond builders out there that still recommend and use these outdated dinosaurs.

With high efficiency low energy and of course, low maintenance (critically important) systems you need to plan for their installation. Generally the closer to the Koi pond you can build your filter system the better. There are exceptions of course but if you are starting a new Koi pond there are very few, if any situations where your filtration need not be located close to the Koi pond.

#### Space for filters



Give yourself plenty of space for your filters! Do not assume that your pond only needs a small room for your filters - this is not the case. YOU are the one who has to get into such cramped spaces in order to maintain these things - and it is YOUR back which has to bend and strain... And you're going to be dong this for the next twenty years - so plan ahead!

Allow upto 40% of your pond space for your filters. We're not kidding - of course you won't use all this space for only filtration but also to move around in and to

locate your pumps, UV's, air pumps and the like in easily accessible locations. A cramped filter room that's small, dark and a pain in the backside to get into is not going to get the attention that it requires. Remember a Koi pond requires constant maintenance - at least once a week or you're in for trouble.

#### Plan ahead

Plan ahead. Read through this site and draw your pond before you put the first shovel on the ground. You need to know the location of each valve before the first dirt from your spade hits the ground.

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### **LOCAL EVENTS**

when?	who?	where?	what?
2 March 2013	Pretoria Bonsai Kai	Pretoria	AGM
30 March 2013	BRAT Open Day	Heidelberg	
29 March to 1 April 2013	Oyama Bonsai Kai	Kirstenbosch Botanical Gardens	Exhibition
20 - 22 April 2013	BCI	Yangzhou, China	BCI-Bonsai
4 May 2013	Pretoria Bonsai Kai	Pretoria	New Talent Competition
24 - 27 October 2013	EBS	Convention	SABA
2 November 2013	Pretoria Bonsai Kai	Pretoria	Besoek Hannes Frits se tuin



NATIONAL NORTH JAKARTA INDONESIA	April 6 – 14 2013	Indonesian Bonsai Society will have a National bonsai and suiseki exhibition Venue: <u>Gedung Redemuan Komplek Gelanggang Olah</u> Raga <u>Sunter</u> , North Jakarta, Indonesia <u>budisulistvo22ftomail.com</u>
INTERNATIONAL YANGZHO, CHINA	April 18- 20, 2013	BCI 2013 held in Yangzhou, China. (post convention tour 21 <sup>st</sup> – 28 <sup>th</sup> )  Demonstrations:- <u>Kucio</u> Kobayashi Cheng Cheng-Kung Hu Leguo, Ng Shing-Fat Lo Min-tisuan ( Taiwan, China) Lindsay Bebb David J. DeGroot Budi Sulistro Liu Chuangang Zhao Qingquan, Hu Yunbus, Chiara Radrici, Gong Linnin  http://bonsai-bci.com. www.bonsai2013.org
LOCAL NEW BRAUNFELS USA	April 11-14 2013	Tree Ring Circus: LSBF 2013 hosted by the San Antonio and Austin Bonsai Societies at the New Braunfels Convention Center.  (Featuring Walter Pall, Colin Lewis and Erik Wigert: Workshops include Disspyros texana.  (Texas persimmon). For details contact Joey McCoy, Convention Chair, at jvmccoy@gmail.com.
NATIONAL COVENTRY UK	April 14 2013	The British Bonsai Traders Association Trade Fair at Sports Connexion Coventry  The perfect opportunities to get your bonsai essentials. Everything you need including trees, tools, wire, pots, composts; stands, tables and much more, where experienced bonsai artists and novices meet and greet to share the latest tips and secrets, giving the best advice for successful bonsai cultivation.  For more information contact Corin Tomlinson-Phone; 0115 9205757 Email: office@bonsai.co.uk www.bonsaitraders.org.uk
LOCAL NORTH DEVON UK	20 - 21 April 2013	North Devon Bonsai Society - <a href="https://www.bonsai-northdevon.co.uk">www.bonsai-northdevon.co.uk</a> RHS Bosemoor, RHS Garden Bosemoor, Great Torrington, North Devon, EX38 8PH Tel: 0845 265 8072 Info: Roy on (044) 01398 341 440 or <a href="https://hutchison415@btintemet.com">https://hutchison415@btintemet.com</a>

LOCAL BIRMINGHAM UK	April 28 2013	South Staffs Bonsai Society Annual Show Birmingham Botanical Gardens Info. davidbamsley@blueyonder.co.uk
LOCAL SINT NIKLAAS BELGIUM	May 4 – 5 2013	Spring meeting Visatuse Bonsai Vereniging, 't Bau Haus, Sint-Niklaas. Info: http://www.vlaamsebonsai.be/
LOCAL BURNLEY UK	May 5 – 6 2013	Spring Show is on the 5th & 6th May at :-  Townier, Garden Centre (belongs to Townier, Hall)  tel:01282424167  Deerpark Rd Burnley BB10 4SD  visitburnley.com/discover/townelsy-garden-centre/
LOCAL BOURNEMOUTH UK	May5 2013	Wessex Bonsai Society 30th Anniversary Exhibition and 24th Open Competition. Kinana Community Centre. Belbana Park, Kinana, Bournemouth BH10 7LH. Further details: Malcolm Diffield, 07823 440003 www.wessexbonsaisociety.co.uk
NATIONAL CANBERRA AUSTRALIA	May 17 - 20 2013	26th AABC Bonsai Convention hosted by Canberra Bonsai Society Inc. Budges Lakeside Convention. "The Australian Journey" The 2013 convention program reflects the traditions of miniature trees and landscapes that we have inherited from China and Japan and explores the evolution of the art of bonsai in the Australian context, e 26th AABC Convention to celebrate. The Australian info email: webmaster@cbs.org.au

INTERNATIONAL MILAN ITALY	May 17 – 19 2013	Maggioni Grand Prix Shohin Bonsai Cup Marc Noelanders, Sandro Segneri Danny Use Jorge Campos Salvatore Liporace Antonio Gesualdi, and many other attractions Barate di Gaggiago, Milano, Italy Contact: maggionigrandprix@gmail.com In Facebook: Maggioni Grand Prix
LOCAL CHESHIRE UK	May 18 2013	Manchester Bonsai Society will display at Hare Hill walled garden.  Over Aldedey. Cheshire, SK10 4PY. 10am-4pm.  Pay the National Trust entrance fee and enjoy the lovely gardens and woods as well as the bonsai.  National Trust members free entry
LOCAL RUISLIP MIDDLESEX UK	May 18 2013	Middlesex Bonsai Society Annual Show Saturday May 18th 2013 10.30-4.00PM At Woodford Hall Poplars Close ,Ruislip HA4 7BU Light refreshments available. Sales tables and Demo's during day by Harry Harrington.
NATIONAL SAINT GERMAIN DU PINEL FRANCE	May 24, 25, 26 2013	Federation Erançaisa de Bonsai SATSUKI FLOWER TROPHY Les Jardins du Levant, Saint Germain du Pinel (35) Erança Contact : Jerome Hay Tél 1003 2 99 96 69 51 Mail : hay jerome@wanadoo.fr www_le jardindulevant.fr
LOCAL DELFT NETHERLAND	June 1-2 2013	Bonsai West is a show which revolves around the care and presentation of Bonsai. The goal is bonsaisten to inspire and motivate and to the widest possible audience acquainted with this unique hobby.  The exhibition will be opened on June 1, at 10:00 am. At about 200 meters from the botanical garden there is free parking. The entrance fee is four euros. This includes a visit to the botanical garden.

LOCAL ST. ALBANS UK	June 1, 2	Mid Herts Bonsai Club Annual Show Kingsbury Barn, Branch Rd, St Albans Entry Free, Refreshments available see our website for details www.midhertsbonsaiclub.co.uk
LOCAL BIRMINGHAM UK	June 2 2013	Midland Bonsai Society Annual Show Birmingham Botanical Gardens
LOCAL CLERMONT FERRAND FRANCE	June 8 -9 2013	Chubio, shobio and mama exhibition in Lazoux, 63 (near Clermont Earrand)
LOCAL PIBRIGHT SURREY UK	June 9 2013	Surrey Heath Bonsai Society Summer Show to be held at Lord <u>Pictrights</u> Hall, The Green, <u>Pictright</u> Woking, GU24 0JE. Sunday 10am - Spm. Further details from Chris Rhodes at Rhodes163@googlemail.com or 01276-20893
INTERNATIONAL ROCHESTER, NY, USA	June 7 - 9, 2013	7-9 June 2013: International Bonsai Colloquium sponsored by International Bonsai at Rochester, NY, USA. Featuring Kathy Shaner, Ryan Neil, Peter Warren, Dennis Makishima, David DeGroot and Wm. N. Valavanis, Special 50th year Valavanis Commemorative Bonsai Exhibit and book release, Details at http://www.internationalbonsai.com/index.html.
NATIONAL BIRMINGHAM UK	June12 – 16 2013	THE THIRD BEST OF BONSAI IN BRITAIN EXHIBITION TO BE PART OF GARDENERS WORLD LIVE At the National Exhibition Centre, Birmingham. Trees of the required standard for "Best of British" should now be submitted to Steve Tolley at stovetoleybonsai@omail.com For all other info contact Kath Hughes at mkhughes567@btinternet.com

NATIONAL NÜRNBERG GERMANY	June 15 – 16 2013	Annual Bonsai Exhibition Bonsai Club Germany Pytacoida Eijetb / Bavarian near Nüroberg More information: http://www.bonsai-club-deutschland.de
LOCAL TORONTO CANADA	June 15 – 16 2013	The Toronto Bonsai Club. Spring Show is being held on Saturday June 15th & Sunday June 16th, 2013 at the Toronto Botanical Gardens between 10AM- 5PM. http://forontobotanicalgarden.ca/
LOCAL HAROGATE YORKSHIRE UK	June 16 2013	25th Anniversary Display The Bramall Learning Centre at Royal Horticultural Society Harlow Carr. from 12noon to 4.30pm
LOCAL STONECROSS EAST SUSSEX UK	June 22 2013	Eastbourne and Wealden Bonsai Club <u>Summer Show</u> 22nd June 2013 (10:00 to 3:30) Stonecross Memorial Hall, at the junction of B2104 and B2247, East Sussex, BN24 5EL Info: http://www.eandwbonsaiclub.co.uk/home
LOCAL EXMOUTH UK	June 23 2013	BONSAI SOUTH WEST. at the Pavilion, Sea Front, Exmouth on Sunday June 23, 10 to 5. Hosted by Exeter Bonsai Society. Displays by all SW Bonsai Societies, competitions, demos, traders .Cafe at Pavilion. Feature display of British Native trees. Contact Chairman, Exeter Bonsai Society, 01392 679659.
LOCAL LYMM CHESHIRE UK	June 29 2013	Manchester Bonsai Society Annual Show will be held, as part of Lymm, Festival, at Lymm, United Reformed Church, Brookfield Road, off Eagle Brow (A6144), Lymm, Cheshire, WA13 0WQ. Car park near Lymm, Library. 10.00am – 4.00pm  There will be a spectacular selection of members' trees on display, from the work of beginners through to trees to be shown at RHS Tatton Show.  Members will be on hand to give advice and demonstrate bonsai techniques, and there will be a sales table.

LOCAL HERMITAGE BERKSHIRE UK	July 7 2013	BONSAI ROOTS 2013. Bonsai displays, demonstrations, traders and enthusiasts working on their trees.  Location: Roots Garden Centre, Prior's Court Road, Hermitage, Berkshire, RG18 9TG. More details: <a href="www.roots-online.co.uk">www.roots-online.co.uk</a> or email <a href="mailto:newbury.bonsai@btinternet.com">newbury.bonsai@btinternet.com</a> or ring Dave on 0118 983 3188 (Newbury & District Bonsai Society):
NATIONAL CRAWLEY UK	August 10-11 2013	Sussex Bonsai Group Bonsai World 2013, at the K2 Crawley, West Sussex open to society's and individuals into: rayward140@binternet.com tel. 07932 480251 www.bonsaiworld2013.co.uk
LOCAL PRESTOM UK	August 10 – 11 2013	Our Summer Show is at Barton Grange as usual and this year is particularly interesting as it's their 50th anniversary! the dates are the 10th & 11th of August at:-  Barton Grange Garden Centre Gazztang Rd, Brock, Preston PR3 0BT
LOCAL GERAAROSBERGEN BELGIUM	September 7 – 8 2013	Automo meeting Visamse Bonsai Vereniging. Geraantsbergen. Info: http://www.vlaamsebonsai.be/
NATIONAL SARATOGA SPRINGS NEW YORK USA	Sept. 12-15, 2013	American Bonsal Society Annual Learning Seminars.  A weekend long bonsal educational experience Come and learn from 12 great bonsal teaching masters in a classroom format designed to instruct and inspire you Choose from 44 offered classes and workshops. Four classes are included in your registration. Many instructional levels designed for novices to advanced students. Great Vendor Area.  Bonsal Masterpiece Invitational Display of USA and Canadian bonsal New Talent Contest: John Naka Design Award; Raffles and Auctions Detailed information at <a href="https://www.loveofconsal.com">www.loveofconsal.com</a> (site opens in the fall of 2012) or email <a href="https://www.loveofconsal.com">ABS@primbonsal.com</a>

INTERNATIONAL JINTAN CITY CHINA	September 25- 27 2013	7 <sup>TH</sup> WORLD BONSAI FRIENDSHIP FEDERATION CONVENTION Sep.25 <sup>th</sup> Morning: Opening ceremony. Visiting the National pening Exhibition. Baosheng Garden and exhibits of WBC-2013 photo contest. Afternoon: Chinese paning creation demo Evening: Welcoming banquet Sep.26 <sup>th</sup> Communicate Bonsai technique Sep.27 <sup>th</sup> Day: Sightseeing in Jintan city Evening: Closing banquet Before the convention begins, there will be a pening tour to Shanghai, Suzhou, Hangzhou, Yangzhou, Yiung and so on. After the convention there will be a pening tour to Guangzhou, Shunda, Shenzhen
NATIONAL SAULIEU FRANCE	October19 – 20 2013	European Bonsai-San Show in Sauliau. Rue de la Gare : 21210 SAULIEU (Burgundy) 10:00 a.m. to 7:00 p.m.: International exhibition of Bonsai collection and présentation of Mauro Stemberger in International bonsai accessories. (pottery, tablets, yamadori, tools, etc) Simultaneous demonstrations:  Mauro Stemberger (IT)  Erancola Gau (FR)  Laurent Dacisux (FR)  info@bonsai-san.com.
NATIONAL GAUTENG SOUTH AFRICA	October 24 - 27 2013	SABA CONVENTION 2013 (South African Bonsai Association) Venue: Edenvale Community Centre, Gauteng, South Africa Convention theme: Let's be creative.  Three International Speakers / demonstrators: Robert Kempinski (USA), Walter Pall (Germany) and Ryan Neil (USA) Contact: Barbara Vassant - Barbara-anne@polka.co.za

LOCAL MIDDLESEX UK	November 3 2013	Heathrow Bonsai Show, The Barn, High Street, Harlington UB3 5ER, Details 07850 771201 email markmoreland@live.co.uk
2014		
LOCAL NORTH DEVON UK	26 - 27 April 2014	North Devon Bonsai Society - www.bonsai.northdevon.co.uk  RHS Bosemoor, RHS Garden Bosemoor, Great Torrington, North Devon, EX38 8PH Tel: 0845 265 8072  Info: Roy on (044) 01398 341 440 or hytchison415@binternet.com
INTERNATIONAL WROCLAW POLAND	May 9 - 11	European Bonsai Association Annual Convention, Wroclaw, Poland
INTERNATIONAL BRISBANE, GOLD COAST, AUSTRALIA	2014	BCI 2014 will be held in Gold Coast, Queensland, Australia. Details TBA at <a href="http://bonsai-bci.com">http://bonsai-bci.com</a> .
LOCAL MIDDLESEX UK	November 2 2014	Heathrow Bonsai Show, The Barn, High Street, Harlington UB3 5ER, Details 07850 771201 email markmoreland@live.co.uk