



BONSAI HAI

(BONSAI YES)



Prairie State Bonsai Society, P.O. Box 2634 Glen Ellyn, IL 60138-2634, [HTTP://PRAIRIESTATEBONSAI.COM](http://PRAIRIESTATEBONSAI.COM)

Vol. XXXIV, Number 3, May 2018

Contact Editor: [Mark Karczewski](#)

General meetings are held on the first Wednesday of each month in Wheaton, IL, at the College of DuPage (see map on last page), February thru November (unless noted otherwise).

CALENDAR OF EVENTS

- 2 May** **General Meeting – Rm. TEC 1038b**
7:00 pm, Bonsai 101: Branches by Dean Cooper
7:30 pm, Program: Wiring by Mark Karczewski
Members can bring trees
- 5-6 May **Will Baddeley** at the Hidden Gardens (see below)
- 7 May Board Meeting: Jim Keith
- 12-13 May Midwest Bonsai Society May Bonsai Exhibit
- 19-20 May **Jan Culek** at the Hidden Gardens (see below)
- 2-3 June **Todd Schlafer** at the Hidden Gardens (see below)
- 6 June** **General Meeting – 7:30 pm – Rm. TEC 1038b**
7:00 pm, Growing Superb Roots by Jim Beck
7:30 pm, Program: Ironman Bonsai
- 12 June Board meeting: Dean Cooper
- 10 June** **PSBS display, picnic and Chris Baker workshop at the Fabian Forest Preserve, Kane County**
- 3-5 Aug.** **Prairie State Bonsai Society Show at the Morton Arboretum**

MIDWEST BONSAI SOCIETY MEETINGS

Monday, May 7, 2018

7:00PM - Bonsai 101 - TBD

7:30PM - General Meeting - TBD

THE HIDDEN GARDENS 2018 VISITING ARTISTS

Jeff Schulz, owner of the Hidden Gardens, has been very busy getting some of the best bonsai professionals from around the world to the Chicago area. Do not miss these great opportunities to experience their unique talents. For more information visit www.thehiddengardens.net or call (630) 655-8283.

Will Baddeley, May 5-6 (sold out)

Jan Culek, May 19-20

Todd Schlafer, June 2-3

Bjorn Bjorholm, August 4-5 (sold out)

Walter Pall, October 12-14

Mauro Stemberger, Early November

PRESIDENTS MESSAGE

by Dean Cooper

The last two months I have said that I planned to have at least my conifers up on my benches the first week of each month, assuming the temperatures allowed it. They didn't. They finally came out of their mulch and on the benches last Friday, April 20th. I am finally re-potting those that need re-potting.

Our meeting this month will be a good one. Bonsai 101 will be on branches, their care and feeding. I have been selected to conduct the class. It will be the first time I have done a presentation for the club. Wish me luck.

Our main event will be Mark Karczewski showing us how to wire our trees. If you have a tree you're wanting to wire, but need advice on, definitely bring it along to the meeting.

We will be having a raffle, as usual, so do bring any bonsai related items you no longer need. And money to buy raffle tickets with.

We will also have a sign up sheet for the tree workshop at our June picnic. Chris Baker, curator of the bonsai collection at the Chicago Botanic Garden, will once again be our guest master. Chris is a great guy and a great teacher. If you sign up for the workshop, bring two trees. He will definitely work on one of them and, if there is time, will do the second one after everybody's first tree is done.

And lastly, club dues are due still due. All you laggards need to get your dues paid, or this will be the last Bonsai Hai you will receive! Please use the form you'll find in this newsletter.

BONSAI MASTER CLASS WITH IVAN WATTERS

Learn new skills. Sharpen existing skills. Improve your eye. Improve your bonsai. Correct bad habits. Learn the traits of all good bonsai. Learn the science and logic supporting the techniques. Sharpen your artfulness. Acquire a deeper respect for the art and material. Begin to have fun with your bonsai. And much more. Every session reveals something new and useful.

Bring your tools, wire and tree(s), 1:30pm to 4:00pm at BC Bonsai, Cost \$75 per session. Call 630-690-0404 to reserve a spot.

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AUGUST SHOW PROCUMBENS JUNIPER WORKSHOP HIGHLIGHT

by Nick DiBattista

Workshop #4 – Procumbens Juniper, 9am-12pm, Sunday, Aug. 5th, cost \$95.00

This beginner to intermediate class will feature Procumbens Junipers in 3-4" pots with 3/4"-1" trunks (photo below). The primary focus of this workshop will be what to look for in creating bonsai; design and wiring will all be covered. The goal of this class is to come away with a tree that has its first initial styling and is on its way to becoming a bonsai.

Instructor: Frank Mihalic

Registration is ONLY thru www.mortonarb.org.



PLANT NUTRITION

Here is some follow up information from Dan Kosta's presentation last month

Nutritional elements

Plants require some nutrients in large quantities. These are referred to as *macronutrients*. Other nutrients are required in only trace amounts and are referred to as *micronutrients*.

Macronutrients – necessary in large quantities

ELEMENT	FORM OF UPTAKE	NOTES
Nitrogen	NO ₃ ⁻ , NH ₄ ⁺	Nucleic acids, proteins, hormones, etc.
Oxygen	O ₂ H ₂ O	Cellulose, starch, other organic compounds
Carbon	CO ₂	Cellulose, starch, other organic compounds
Hydrogen	H ₂ O	Cellulose, starch, other organic compounds
Potassium	K ⁺	Cofactor in protein synthesis, water balance, etc.
Calcium	Ca ²⁺	Membrane synthesis and stabilization
Magnesium	Mg ²⁺	Element essential for chlorophyll
Phosphorus	H ₂ PO ₄ ⁻	Nucleic acids, phospholipids, ATP
Sulfur	SO ₄ ²⁻	Constituent of proteins

Micronutrients – necessary in small quantities

ELEMENT	FORM OF UPTAKE	NOTES
Chlorine	Cl ⁻	Photosystem II and stomata function
Iron	Fe ²⁺ , Fe ³⁺	Chlorophyll formation
Boron	HBO ₃	Crosslinking pectin
Manganese	Mn ²⁺	Activity of some enzymes
Zinc	Zn ²⁺	Involved in the synthesis of enzymes and chlorophyll
Copper	Cu ⁺	Enzymes for lignin synthesis
Molybdenum	MoO ₄ ²⁻	Nitrogen fixation, reduction of nitrates
Nickel	Ni ²⁺	Enzymatic cofactor in the metabolism of nitrogen compounds

Starch is formed from excess sugar and is used as an energy storage mechanism. Cellulose forms the cell walls and adds strength to the cells. Lignin is formed in stems and provides strength to hold the plant upright. Plants also produce toxins and foul tasting or smelling chemicals to defend against herbivores, pathogens, and competition from other plants. People use some plant products for

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BONSAI RESOURCES



BC BONSAI

B. C. BONSAI

Bonsai starters - Hardy & Tropical
By appointment only. Call **Linda Camp**
or **Jim Beck** at (630) 690-0404.
Workshops, check website for more info.
<http://www.bcbonsai.com/index.html>



THE HIDDEN GARDENS

16W658 S. Frontage Road
Willowbrook, Illinois 60527-7013
(630) 655-8283
Bonsai, pre-bonsai, pots, tools and soils
Open M-S 7-5pm, Sun 10-3pm
Closed Dec. – March
www.thehiddengardens.net

BONSAI FOR SALE

By appointment only. Call **Phil Malhiot**
(708) 705-7768. Bonsai Trees For Sale
and lessons also available

NATURAL LIVING

Bonsai lessons, landscape design and
consultation. **Dan Kosta** (708) 865-1342
snipologist86@gmail.com

VERN GOERS GREENHOUSE, INC.

5620 Oak St., Hinsdale, Il. 60521
(630) 323-1085 Dan Kosta
Bonsai, Pots, Tools. Closed Sunday
www.verngoersgreenhouse.com

SATURDAY MORNING BONSAI

and a **SIX-WEEK PROGRAM**
for beginners with **Mark Karczewski**.
(held at The Hidden Gardens),
Call (630) 254-8841 or email,
coolhand500@comcast.net
You can contact Hidden Gardens as well,
just ask about "Saturday Morning Bonsai
and/or the Six-week program!"

OUR FRIENDS OUTSIDE THE CHICAGO AREA:

BRUSSEL'S BONSAI

8125 Center Hill Road
Olive Branch, MS 38654
(800) 582-2593
www.brusselsbonsai.com



CASS BONSAI GARDENS, LLC

Edwardsville, IL 62025
(618) 656-9087
<http://www.cassbonsaigardens.com/>

STONE LANTERN

Bonsai supplies
<http://www.stonelantern.com/default.asp>
<http://bonsaiark.com/>

NATURE'S WAY NURSERY

Bonsai, Pots, Tools, Supplies, Classes
Pleasant Hill Rd., Harrisburg Pa.
1-717-545-4555
www.natureswaybonsai.com

things such as the production of rubber and biofuel. Other plant products have pharmacological activity. Best known is salicylic acid from willow trees which is used to make aspirin. The pain reliever morphine comes from a type of poppy and the heart drug digoxin is from the foxglove plant.

Pigments

These are very important to plant function. They absorb and reflect certain wavelengths of light. People use them for dyes. Chlorophyll is seen as a green pigment. It has major function in performing photosynthesis, or the production of food within the plant. Carotenoids are red, orange, or yellow. They assist in photosynthesis. Among them are carotene, lutein, and lycopene. They have been shown to act as antioxidants and promote healthy eyesight in humans. Anthocyanins are red or blue pigments depending on the pH. They serve to reflect light into and away from the leaf and are also seen in flowers.

Plant hormones

Plant hormones, or plant growth regulators (PGRs) promote and influence the growth, development, and differentiation of cells and tissues. They affect flowering, seed development, dormancy, and germination. They regulate which tissues grow up or down, leaf formation, stem growth, fruit development, leaf abscission, and even plant death. The most important are abscissic acid, auxins, ethylene, gibberellins, and cytokinins. These are of primary importance to the plant and bonsai grower as they control the plant's reaction to things such as pruning, pinching, and repotting. They are also used to promote rooting of cuttings and artificial ripening of commercial fruits.

MEMBERSHIP DUES FOR 2018

Please pay your dues at the general meeting or by sending a check along with a Membership Enrollment Form (below) to the Prairie State Bonsai Society, PO Box 2634, Glen Ellyn, IL 60138-2634.

MEMBERSHIP ENROLLMENT FORM

NAME _____

ADDRESS _____

CITY STATE ZIP _____

PHONE _____

E-MAIL ADDRESS _____

Type of Membership:

- Individual, newsletter.....\$30
- Family, newsletter.....\$35
- Individual, newsletter received by USPS.....\$40
- Family, newsletter received by USPS.....\$45
- Lifetime Membership*.....\$500
- Lifetime Family Membership*.....\$550
- Supporting Membership* (3 years).....\$120
- Supporting Family Membership* (3 years).....\$150

All memberships expire as of March 1.

Send form and dues to: **Prairie State Bonsai Society**
PO Box 2634
Glen Ellyn, IL 60138-2634

*The Lifetime and Supporting Membership levels include the member's name being recognized and included in the monthly newsletter.

THINGS TO DO THIS MONTH

Outdoor: By now all outdoor trees should have been removed from winter protection and placed on their growing benches. The trees should be receiving as much sun as possible. Watering needs will be high and all trees will be needing watering at least once a day. Be sure to fully saturate the soil at each watering. Fertilize on a regular basis. Higher nitrogen levels can increase growth but may also cause leaves to expand to larger sizes. Remember that the recommended rate on the fertilizer package assumes a once a month use. Decrease the amount used to make it appropriate for more frequent use. (One teaspoon per gallon once a month is the same as ¼ teaspoon per gallon once a week) Wiring may resume once the new growth 'hardens'. Repotting should continue if it is not yet finished.

Indoor: Tropical trees will need to stay indoors until the night temperatures are consistently above 50°. This is usually late May or early June. Give the trees as much light as possible. Water when the soil gets a little dry. As with the outdoor trees, these trees will also need more frequent watering as day-length and temperatures increase. Fertilize on a regular basis. Do not repot at this time.

WORKS CITED

April 2017, Everything I need to know I learned from trees. *Bonsai News*, Greater Louisville Bonsai Society.

Editor. (Volume XV, Number 4, 2008, May). Things To Do This Month. *Bonsai Hai*. Prairie State Bonsai Society..

LIFETIME MEMBER(S)

James Bailey

**PRAIRIE STATE BONSAI SOCIETY OFFICERS
 2017 - 2018**

President: Dean Cooper

Programs: Jennifer Price-Svihla

Special Events: Nick DiBittista

Membership: Jim Beck

Publicity: Jay Kletsy

Treasurer: Jim Erlenborn

Corresponding/Recording:

Secretary: Werner Kiuntke

Library: Badar Zulquarni

COD Liaisons: Jim & Kay Erlenborn

Grow Plot Manager: Matt Mazza

Newsletter Editor/Webmaster: Mark Karczewski

Members-at-Large: 1. Dan Kosta

2. _____

3. _____

Club meeting building/room TEC 1038b



Produced by mapformation for College of DuPage. Last updated Sept. 2016/cod.

Bonsai Pendant Workshop

Every Person will receive hands on, one on one detailed instruction. You will receive a Block of wax to carve and a detailed instruction book to follow. The workshop takes 2.5 to 3 Hours.



All the tools needed will be provided for the students to use. You can use your personal design or use a stock design.



You DO NOT have to be an Artist to take this workshop. Everyone can make a Great looking Bonsai or Suiseki Pendant. No two pieces are alike, even if you use the same pattern.

NO experience Needed!



Each Student Creates and carves their Bonsai or Suiseki Pendant with the help of the Instructor. After which the Instructor takes these carvings home, adds a pendant loop to the back of each piece, and casts them into Sterling Silver. Then the pieces are carefully removed from the mold and polished.

Then Each piece is shipped US Priority Mail with a tracking number back to each student.

Here are some of My students Wax Creations :



(440) 749-4252

Workshop Photos by: Katherine Owyong