



# Central Connecticut Woodturners

A Chapter of the American Association of Woodturning

Dedicated to the Advancement of Woodturning

[www.ccwoodturners.org](http://www.ccwoodturners.org)



APRIL 2012

## Next Meeting

Tuesday April 24th

Jim Kephart's shop  
Regular meeting 7PM

Pen Demo by Jerry Sam-  
brook ,bring your own  
chair

## Upcoming Events

AAW  
National Symposium  
June 8-10, 2012  
San Jose, California  
[www.woodturner.org](http://www.woodturner.org)

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## President's Note:

April has been a hectic month for me so far. I've only been able to be able to turn on the lathe a few times. Would like to have done more. Here's to hoping May will be different.

I noticed we've had more

people participating in the Show & Yell at the last few meetings. I also noticed we've added some projects in progress, not just completed ones. I think that is great! I think we can all learn from each other whether we are the one with the question, someone trying to assist or even just plain listening.

I also noticed the change over from Club Challenges to Tournaments is moving slow. The board and I discussed this in our quarterly meeting and I will share our thoughts with the group in our April meeting.

~~~George Upton

## Totally Turning - Pictures Saratoga Springs, NY

Totally Turning Symposium sponsored by The Adirondack Woodturners Association (AWA) was held on Saturday and Sunday, March 31 and April 1, 2012 in Saratoga Springs, New

York. Chris Stolicky (a friend of Eric's) took some great pictures that are displayed on the web site <http://www.flickr.com/photos/stolicky/sets/72157629340385010/>



Dues are due!

See Al Moltz

Club Dues are \$35 for the year.

Also, "handouts" from some of the demonstrators are available on the totally turning web site [www.totallyturning.co](http://www.totallyturning.co)

## Facebook

CCW Facebook page:<http://www.facebook.com/#!/groups/152704714844052/>

This is a great forum, members are posting pictures of their pieces, other web sites that would be interesting, and question and answer posts. All members will find this site informative.

## Guild of New Hampshire Woodworkers

The Rotation is set for the May 5, 2012 Seventh New England Woodturning Symposium. Complete information on the symposium is available on their web site ([www.gnhw.org](http://www.gnhw.org)). Carpooling from commuter lot in Manchester - leaving at 5AM. If interested in carpooling, please contact Lynda Zibbideo at 203-6

### Demo: Malcolm Tibbets

On Sun. May 6 Malcolm Tibbets will be giving a demo. Information about Malcolm is available at his web site (<http://www.tahoeturner.com/>). This demo will be held in Lebanon, CT. The demo will be held from 9-4 with \$5 charge for pizza. If interested in attending please contact Lynda Zibbideo at 203-686-1207. Space is limited.

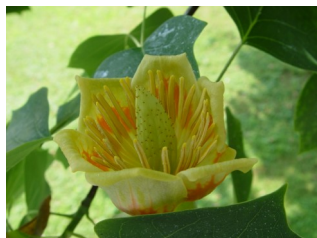
## Wood of the Month

Canary  
*Liriodendron tulipera*

**Grows:** Eastern Canada & eastern USA

**Health risks:** Dermatitis

**Description:** Heartwood color can vary a fair amount, from a pale yellow-orange to a darker reddish brown, usually with darker streaks throughout. The color tends to darken with age. Has a medium texture and small pores. The grain is typically straight, but can be irregular or wild on some pieces. Some pieces of Canary wood can be almost



rainbow colored-with dark red streaks, along with the natural orange,

yellow, and brown coloration.

**Properties:** Easy to work with both

hand and machine tools, though some tear out can occur during planing on pieces with wild or irregular grain. Turns, glues and finishes well.

**Typical Uses:** Canary wood is said to have good acoustic properties, and is sometimes used for speaker enclosures and entertainment system cabinets. Some other common uses for Canary wood include: construction lumber, railroad crossties, flooring, veneers, boat-building, furniture, cabinetry, and turned items.



**Additional Information:** Also known as American tulipwood,



canoe wood, yellow poplar, saddle tree & poplar. Canary wood has a distinct scent when being worked.

# Wave Rim Box

Eric Holmquist

The basic concept is to turn the tenon that joins the bottom and top as a separate piece, which is glued in after the wave joint is formed.

Start with a 3"x3"x7" piece of wood. It is important that it have flat sides to safely make two cuts on a bandsaw.

Cut off a 1" piece that will be used later to form the tenon, mark the orientation (top / bottom). Mark and the center punch the future insert on both sides.

Mark and center punch both ends the 6" piece.

Draw lines 3/8" from either end, these will be the tenons to hold the piece in a chuck.

Draw a line 1 3/4" from the top, the will be the nominal joint line. Draw a simple arc that goes from 1/8" below the line on each edge to 1/8" above the line. This curve will be the real joint, it does not need to be very symmetrical, but it should be smooth.

Draw a line 4 3/4" from the top, this will be the base of the box. The remaining wood below this will end up as a jamb chuck.

Mount the 6" piece between centers and only turn the tenons at either end, leaving the sides flat.

Take the 6" piece to a bandsaw and cut the curve marked earlier.

Mount the lid in a chuck, hold the body in place such that the curve just cut lines up and bring up the tailstock to hold it in place. The curve will lock the two pieces together.

Turn the piece round. Don't worry about excess wood near the chuck jaws, that will be removed later.

Measure the diameter of the joint, and select a Forstner bit at least 1/2" smaller.

With the lathe running fairly slow (under 500 RPM) drill a mortise in the lid with the Forstner bit. Ensure that at its shallowest, the mortise is at least 1/8" deep. Once you start drilling, do not remove the bit with the lathe on to preserve the straight sides. Due to the interrupted cut created by the wave rim, it is difficult to get a straight sided mortise any other way.



Hollow out the lid slightly with a bowl gouge, leaving a 1/8" flat area.

Very carefully with a flat scraper, clean up the rough flat ring remaining formed by the Forstner bit. Take care not to touch straight sides of the wave.

Sand the hollow taking care to avoid the wave edges.

Remove lid from chuck, and Very carefully hand sand out any saw marks on the wave rim. It is critical not to alter the complex angles on the wave or the seam will not be tight later. You must also take care remove material uni-

formly around the wave.

Install the base in the chuck and using the same Forstner bit and techniques as before, drill a mortise in the base with a minimum depth of 3/8". Using the same hand sanding technique use on the lid, clean up the saw marks on the wave.

Start some preliminary hollowing of the base leaving at least 1/4" flat area for the insert.

Very carefully with a flat scraper, clean up the rough flat ring remaining formed by the Forstner bit. Take care not to touch straight sides of the wave.

Remove the chuck from the lathe with the base still in place.

Using the same Forstner bit used to create the two mortise as a template, draw a line on the insert piece as a size reference. Do so on both sides. Put the center point of the Forstner bit in the center punched dimple.

Go back to the bandsaw and cut off the corners. As this spindle piece is quite short compared to its height, it will greatly reduce risk of damaging the insert when turning it.

Mount the insert between centers and turn it round down to the pencil lines. Using a gouge or other suitable tool, face each side to get clean flat faces.

Carefully remove material from the insert until it fits nicely in both the lid and base.

*Continued on page 4*

*Continued from page 3*

Remount the chuck with the base installed

Taking care to line up the grain as well as possible with the insert in its original orientation, glue the insert into the base. Use the tailstock on the insert as a clamp, apply modest pressure to ensure a good glue job. Epoxy or PVA glue (like Titebond) is the preferred glue as they are more durable than CA.

the insert until the lid goes all the way on and the wave joint is tight.

With the lid installed and using the tailstock to hold the lid in place, turn the body until the shoulder at the wave joint is 1/8". Periodic removal of the lid will be necessary.

With the lid back on, form the basic profile of the box using the tailstock as long as possible. Complete any sanding of the box especially around the wave joint.

To finish the lid, you are no depending on the base to be used as a jamb chuck. If the fit is too loose, some tissue paper can be used to tighten up the fit.

Apply blue/green painters tape to the joint to keep the lid on and take tailstock away.

Using very light cuts, finish up any details on the lid, and sand.

Remove the lid, it is now done.

Hollow out the base working towards a 1/8" wall thickness of the insert tenon (the box will be 1/4" at the wave joint). Ensure that you do not hollow too deep as you will need to retain enough material after parting to form a jamb chuck. Hollowing to a depth of 2 3/4" below the rim of the insert is about as deep as you can go.

Part off the base, allowing for 1/4" to 3/8" foot thickness.

Measure the hollow of the base and turn a tenon on the remaining wood in the chuck to form a jamb chuck.

Fit the base onto the jamb chuck, and using the tailstock as long as possible, clean up the bottom of the box.

Move tailstock out of the way, and clean up the last little bit with very light cuts. Do any final sanding on the food then remove the base from the jamb chuck.

Install the lid, and admire the result. Apply finish of choice.

### **WANTED.....AUG OPEN SHOP HOSTS...Let me know!**

.This year, like most years, CCW will have no August meeting, and like last year, we are encouraging several of you to host an Open Shop event at your shop on a date of your choosing sometime between the July and September meetings. Your event could be on a weekend or during the week, whatever suits your schedule. Several members hosted Open Shops last year, and they were great fun for all involved.

You as host know how many people you can accommodate in your shop, and can set a limit on attendance. You as host can set an agenda if you wish, perhaps you would like to host a hands on segmented turning event where folks would get a chance to cut segments and glue up rings or maybe an embellishment event where folks would bring turnings and they could experiment with embellishment techniques, or maybe just have some of the other members over and make some chips to-

gether.

If you have an idea for an agenda that can be accomplished in only an hour or two, maybe you would want to consider multiple sessions during the day if lots of folks seem interested, once again you as the host are in charge. If you want to have an all day event, perhaps folks can chip in for pizza and take a break to just socialize during the meal.

Contact me by e-mail.

**CCW would like to encourage all members to bring a piece to Show and Yell. You do not need to be an experienced turner to display.**

**George has received a number of gift certificates to Craft Supply. Each month one of the exhibitors will be picked to win a gift certificate.**



## Final Notes

### **Essex Opportunity/Tulip Poplar.**

Officials from Essex have contacted George re a Huge Tulip Poplar the was damaged over the winter. One very large branch fell. The Essex folks have told George that this tree is the 3rd largest in CT. George has been in discussions with the Essex folks on CCW acquiring this branch and will present some ideas to the club at the next meeting.

### **For Sale:**

South Bend Lathe 12" swing x 36" \$200 \$300 with chuck

Another lathe approx same size \$200

Bill Sipple 860-345-3031

**ARTISAN AND CRAFT SHOW, HEBRON HARVEST FAIR, September 6-9, 2012.** CCW can return at the 2011 rate. Last year's participants do not need to pay the Jury Fee. New participants will need to pay \$20.00 jury fee (for the group) and submit pictures or DVDs of your work by June 1. Jurying will be completed by June 8, and new participants will be notified by June 15. Eric Holmquist won an honorable mention (ribbon and \$75 cash prize) for a turned/pierced bowl in the Best of Show competition. **Register by the early application due date, April 1,** to insure your space needs can be met. Final application date is June 1.

For more exhibitor information, rules and applications check <http://www.hebronharvestfair.org/pages/JuriedArtsandCraftsShow.html>. If you have any questions, please talk to Carol Roffey or Arlene Snyder.



**Central Connecticut Woodturners**  
c/o Carol Roffey  
234 Reidy Hill Rd.  
Amston, CT 06231



~ Legal Stuff ~

The Central Connecticut Woodturners (CCW) was founded in 1994 to support the needs of woodturners in the central Connecticut area. Its purpose is to promote a higher standard of excellence in woodturning by providing an ever expanding source of information and resources to its membership. Memberships are calendar basis from January 1 through December 31. Annual dues are \$35 or \$20 for six months or less.

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#### Central Connecticut Woodturners - Membership Information

New:  Renew:

Name: \_\_\_\_\_

Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Dues (\$35) payable to:  
Central Connecticut Woodturners  
c/o **Alan Moltz**  
21 Decosta Drive  
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