



# Space Coast Woodturners

## Minutes/Newsletter of Space Coast Woodturners – July 13, 2016

Submitted by Randy Hardy – Secretary

Just a reminder – the meetings are held on the **second Wednesday** of the month from 7:00 – 9:00 PM and the hands-on sessions are held on the **third Saturday** of the month from 9:00 AM – Noon at Melbourne Village. Doors will be open at around 8:00 AM so come early and help set up. We always need extra help with the lathes, etc.

**President Russ Bremmer** opened the meeting at 7 PM. He welcomed everyone and asked if there were any visitors. There was 1 – Pete Pharis, Julian Pharis's son from Texas.

There is more wood in Wynn Arnold's trunk. Grab some and donate something to the club.

**Vice President – Terry Justice** – The VP challenge is stretchers and the seat.

Kevin Nowak is demonstrating segmented bowls tonight. The current schedule of demonstrations is:

Month	Presenter	Topic
August	Bob Winborn	Christmas ornaments
October	Ron Browning	
November	Chris Diesch	
May, 2017	Jimmy Clewes	

**Treasurer – Harvey Driver:** The club has \$xx in its account.

**Secretary – Randy Hardy:** The handout book from AAW National Symposium in Atlanta is on the back table.

**Web Page Guru – Bill Howard:** He has been out of town, but will try to post everything as soon as he can.

**Librarian – Bob Cusumano:** Nothing.

**Supplies – Jim Donovan:** 3 items are back ordered and he has a box of the new catalogs. He has \$160 toward the next order. Some gift certificates may expire at the end of the year and he is limited with the number he can submit with each order, so if you have a gift certificate, give it to Jim soon.

**Name tags - Chuck Billings:** He has a name tag for Ed Fitzgerald.

**For Sale:** Walker Turner lathe – contact me if interested

**Old Business:** Some mango is available on back table. Someone please make a small bowl to give to the man that gave us the wood.

**New Business:** None.

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## **Auction:**

Magnolia	Bill Lutian	\$3
Norfolk Island Pine log	Gary Christensen	\$4
Norfolk Island Pine log	Bill Howard	\$2
Norfolk Island Pine log	Gary Christensen	\$4
Sea Grape	Bob Cusumano	\$1
Sycamore	Charlie Ceerle	\$2
Sea Grape	Bill Lutian	\$1
Magnolia	Bob Cusumano	\$3
“Club” wood	Russ Bremmer	\$1
Box Elder	Dewey Treanor	\$3

## **Show and Tell**

Gary Christensen	3-Legged Stool, poplar with lacquer finish
Ned Robertson	Platter, old growth mahogany
Bernie MacDonald	3 Bird houses, cherry and ash
Read Johnson	Bowl, fractal wood burning. Uses water & baking soda with a 2,000v transformer
Terry Justice	Wine glass, cherry Bowl (for bring back), mimosa with lacquer

## Demonstration – Segmented Turning Kevin Nowak

Kevin said that Ron Browning is his mentor. Kevin uses an Incra 1000HD miter sled (available from Rockler for ~\$120). It goes from -90° to +90° with an accuracy of 0.1°. He cuts all pieces with this sled. He usually cuts the pieces for 3-4 bowls at the same time. If he does 24 pieces, he sets the sled at 7.5°. Some people use a chop saw to cut the segments, but a chop saw isn't accurate enough. You can't depend on a ruler, so he uses veneer calipers. He does the bottom piece in 2 small pieces because you can be off because of the glue. He then sands the two bottom pieces with a disk sander or an edge sander to true it up.

### Stack and glue

Glue the outer ring first, and then the next ring to the outer ring, staggering the joints (outside in). Measure the second ring and align it to center of the top ring, then glue the two rings - repeat this for all others. This will allow all pieces to be centered. He glues the 1<sup>st</sup> ring to some melamine with hot glue that can be removed with acetone or carve it off with a wood chisel. To center the 1st ring (outer ring), he measures and draws on the melamine with a sharp pencil.

He glues end grain to end grain, so you always cut face grain.

Start with a bowl thickness of 3/8" and make the thickness smaller (5/16" or 1/4") as you get more comfortable.

Software is available (Segmented Turner) for about \$50 and if you download it directly (no CD), you can save about \$10. He likes the book by Jansson. The books can give the dimension for the wedges based on the ring size and number of segments. Ron Hampton's book is also good for dimensions.

He glues each ring and compresses a with stainless steel band clamps and sands the surface of each ring with his drum sander and then glues about 3 rings together at a time.

He cuts the outside first (use sharp tools!). He uses a bowl gouge for turning the glued up segments.

After he turns most of the edges off, he uses a scraper to clean it up.

Round edge of bowl with 80 grit sandpaper. If he cuts it with a tool, he starts sanding with about 100 grit and then progresses with 180, 220, and finally 320.

He normally uses a butcher block sealer (\$12 - \$13 per pint at Lowes) because it is food safe. He uses Depp for lacquer. He allows it to dry between coats for 24 hours. The last few coats, he lets it dry for 2 days, scuffs it up a bit with steel wool and hand rubs (not spray) the last few coats. He finishes it with a crystalline wax.

Kevin makes a foot at the bottom of the bowl.

Fill any flaws with an acrylic resin. You can add a color dye to the resin. You could also use turquoise or any other stone (pumice it up a bit if it's too coarse).

Ron Browning, Don Watson and Rudy Lopez at Tampa Wood show about 5 years ago got him started.

You have to visualize your end product.

References are as follows:

[www.segmentedturning.com](http://www.segmentedturning.com) cost \$50

[www.woodturnerpro.com](http://www.woodturnerpro.com) Cost \$69

Jansson's Projects Page Compound Miter Saw Calculator free

Book: Segmented Turning by Ron Hampton

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## **Raffle**

Florida Rosewood – Charlie Ceerle

\$10.00 gift certificate to Craft Supply – Pete Pharis

Magnolia – Harvey Driver

\$10.00 gift certificate to Craft Supply – Bob Cusumano

Free DVD rental – Reenie Pirjevic

Sea Grape – Bill Lutian

Florida Rosewood – Stan Wiese

\$10.00 gift certificate to Craft Supply – Julian Pharis

Mystery Wood – Wynn Arnold

Sea Grape – Bob Winborn

Bring Back item – provided by Terry Justice won by Julian Pharis. The Bring Back item is any turned, or non-turned item that a member donates to the club. The winner of the raffle for that item gets to keep that item, and then must bring in something that he/she has turned (or not turned) and donate it to the club at the next meeting.

The next meeting is August 10, 2016 at 7:00 PM.

# SPACE COAST WOODTURNERS

The Chapter's Purposes, in addition to supporting the general purposes of the AMERICAN ASSOCIATION of WOODTURNERS, Inc., are to:

1. Provide a meeting place for local woodturners
2. Share ideas and techniques regarding this craft
3. Trade woods
4. Exchange ideas about tools
5. Exhibit finished projects

## Officers:

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