



December 2007

Turning Points

Newsletter of the Space Coast Woodturners

Volume 6, Issue 12



*Chapter Member of the American
Association of Woodturners*

<http://www.woodturner.org/>

Next Meeting: The next meeting will be held on Monday, December 10, 2007 at the Henegar Center in Downtown Melbourne.

(<http://www.henegar.org>)

December Demonstration:

Monday, December 10 -- GENE GROSS, a Central Florida Chapter member, is welcomed back to do another demonstration for us. He will demonstrate turning a hollow form with a small diameter opening using a method we have not seen demonstrated at our meetings previously. Gene says that the tools he will use are ones almost all of us have. If time permits, he will also do some simple decoration on the vessel. This is a demo from which many of us can learn.

Space Coast Woodturners Minutes for November 12, 2007

Reports:

President Read Johnson The SCWT meeting was called to order by President Read Johnson at 7:01 on Nov 12, 2007 at the Henegar Center, 625 East New Haven Ave, Melbourne, Florida. There were 59 members and 12 guests present of which five joined and several others took applications.

In honor of Veterans Day Read J. recognized the veterans in the club and we offered our thanks for their service.

Vice President Chuck Billings reported that we will have Gene Gross as the demonstrator for the December 10 meeting. Gene will demonstrate hollow turning by a different approach but using the tools that most of us already have. For the January 14, 2008 meeting professional turner Mark St. Leger will be our guest for both an all day "hands-on" class for 8 students, cost is \$60, and the demonstration at our 7 p.m. evening meeting. For the evening demonstration, Mark will turn a small lidded box on 3 axes with a hand-chased thread and eccentric finial.

Treasurer Harvey Driver reports that the club has \$3600.34 in the bank account. Harvey reminded us that club dues for 2008 will be due December. In order to help us with this task Harvey has prepared a sheet to fill out with the payment. He also provided envelopes if you wish to mail it to Harvey. The Central Florida Woodturners Club asked our club to bring the 1872 fire engine and the treadle lathe that SCWT constructed as club projects for the AAW symposium to be shown at the Orlando Museum of Art. Well ,it was a juried show and for the lathe we won "Artist of the Month" which is an honor and it carries some other benefits with it that we will explore. The CFWT also decorates a 12 foot Christmas tree with turned ornaments and donates it to be auctioned for charity. Their tree brought \$3500. This may be a project that SCWT would like to consider for the future.

The Harbor Freight sidewalk demo will be held the Friday after Thanksgiving. Remember there is an extra 20% discount for all who participate. See Harvey for signup sheet.

The SCWT has purchased a 1500 pound pallet load of exotic wood cutoffs from Amazon Exotic Hardwoods in Casselberry. This wood will be sold to the club members at future meetings for \$1.00 per pound. There are some samples available tonight.

Harvey also has 3 new sets of thickness calipers for \$27 each. These retain the setting of the thickness as measured.

Secretary *Julian Pharis*

Craft Supply Order *Jim Donovan* has new catalogs from Craft Supplies and said some of the prices are higher. Orders placed tonight may be higher than you thought if you ordered from the old catalog. He has \$800 toward the \$1000 minimum. He also has a sheet of closeout items with prices up to 70% off. You know you want another tool so see Jim.

DVD Dock *Tom Weber* We have two new DVD's for rent this month. The first (#D163) is on Segmented Turning. The artist is Bill Kandler. (I don't believe we've had any of his DVD's until now.) Pretty good demo.

The second (#D164) is Mike Mahoney's newest presentation. He gives his ideas about turning hollow forms and urns. And of course shows how to do them. Along with some fine turning techniques and off-beat information. (For instance, did you know that if you're making an urn, a good rule of thumb is to allow one cubic inch for each pound of pre-cremation body mass?) As you probably know, he's one of the best demonstrators around.

We have several tapes in line for presentation, so we should have a new one (or two) for each of the next several months.

I have replenished our supply of the 1"x 8 tpi face plates. I hope to have some pictures for next month's column as to how to make a work-holding device for rough turning bowl blanks between centers. (Hint - it involves the aforementioned face plates...) Hope to see everyone on the 10th.

Newsletter *Eric Thaxton* is making a trip to the Florida Keys to visit a native tree lumber mill, *Urban Forest Recycling* (<http://www.woodfinder.com/listings/000561.php>). I am going to buy the strongest and hardest wood, Lignum Vitae (*Guaiacum Officinale/sanctum*). (See table of wood hardness at the end of the newsletter).

Update: I brought back two small logs of Lignum Vitae, two boards of crotch Mahogany, and a couple of small turning blanks of Jamaica Dogwood. I am cutting it into blanks and I will bring examples to the December meeting.

Website: I have added a section on the “Links” page for wood information. There are some general links to wood data websites along with tables of Wood Hardness, Wood Toxicity, and a Common Name to Latin Name cross-reference – all compiled from myriad sources by your humble Website editor.

Meeting ! ...

Old Business

Chuck Billings presented name badges to new members.

Club shirts – Bob Davis reports that Larry Gonyea is back in town and will be glad to take your order for a club shirt.

Member David Search reported on maple baseball bats and blanks at Gonebatty.net at very low prices. Check it out.

New business

Show and Tell

The “Showers and Tellers” were ...

Terry Justice – 2 sea urchin ornaments and 2 large candlesticks.

Dottie Pugh – Christmas ornament from Harvey’s class, a sassafras pen, and an African mahogany hollow vessel.

Jim Ragusa – 3 bowls.

Russ Bolton – 3 pens, including one of Brazilian Pepper Tree.

John Passamonte – Norfolk Island pine hollow vessel. John asked for some help from someone with experience turning NIP.

Bill Howard – black walnut bowl.

David Search – 3 Christmas ornaments, camphor box with bark inclusion, and a set of baseball bat earrings.

Larry Gonyea – small pet sized cremation urn with inlaid band and spring loaded lid and a Myrtle Candy Dish with inlay banding

Ray Zakrajsek – camphor bowl that started out to be a bell, spalted maple potpourri dish with pewter lid, and a Corian 2 level serving dish.

Charlie Shrum – jewelry box with velvet lining.

Wood Auction:

Wood auction brought in \$32 plus we sold 49 pounds of the exotic wood samples.

Sapodilla, Willow Busic, and Satin Leaf wood donated to the club by Cliff Steenhoff were distributed after the meeting by Eric Thaxton.

For Sale:

*Jet 1642EVS Lathe \$1200 -Bob Davis 409-8515

*Ryobi BT3000 Table Saw \$225 -Bob Davis 409-8515

*Jet Drill Press, JDP-17MF, \$275 -Bob Davis 409-8515

Business Meeting Adjourned

Photos from the Show and Tell



Larry Gonyea, Myrtle Bowl



Ray's Corian Platter



Larry Gonyea Urn



Pens



Terry's Candlesticks



Urchin X-Max Ornaments



Dottie's Toothpick Holder



Ray's Potpourri



Bill Howard's Walnut Bowl



December Demo:

Small Lidded Finial Box by Ken Thurmond



Upcoming Demonstrators:

Monday, January 14, 2008 - MARK ST. LEGER

We are pleased to announce that professional turner, Mark St. Leger, will be our guest for both an all day "hands-on" class for 8 students, and the demonstration at our 7 p.m. evening meeting.

For the evening demonstration, Mark will turn a small lidded box on 3 axes with a hand-chased threaded and eccentric finial.

The hands-on class will be from 9 a.m. to approx. 4:30 p.m. at one of the Melbourne Village city facilities. The project will be turning a box on the bias, that when gently rocked will allow the loose lid to tic-tock until it returns to its balanced resting position.

The daytime class will be limited to 8 students with a fee of \$60 per student. You will need to sign up for this class well ahead of time...first come, first served so they say. You may call Chuck Billings at 783-7049 or e-mail him at kkbcrb@aol.com

The above activities sound exciting to me so I am sure we will all be looking forward to Mark's demo and hands-on class. I have included Mark St. Leger's biography to give you a better understanding of him and his enthusiasm for woodturning. Pieces of Mark's artistry can be seen on his Website, www.markstleger.com

Mark St. Leger Biography

Mark has been working with wood since he was a young boy, helping his father who is a cabinetmaker/turner. He took woodshop for a year in high school where he first turned on a lathe, and still remembers his teacher's name (Mr. Snyder). It's funny, some of the things one doesn't forget. After high school Mark served a four-year apprenticeship and became a Journeyman Carpenter. Thru the years his interests moved towards the finer aspects of building which enabled him to become an accomplished Cabinetmaker as well.

In 1982, Mark moved from Pennsylvania to the mountains of Southwest Virginia where he still lives today with his wife Barbara. Their three children are grown and branching out in their own careers.

After working years in the field of building, Mark was approached and asked if he would consider teaching woodworking to high school students. Eighteen years later he continues to teach at a rural high school and enjoys it. Thru the years, along with some very caring contributors, Mark and his students have built up a virtually empty shop into a fine woodworking facility. It is set up for a full range of carpentry & cabinetmaking along with woodturning and carving.

Mark's interest in woodturning came from a weekend visit by his father who brought a weed pot and small tagua nut vessel he turned, along with his excitement about turning. Well, that was the spark that ignited an interest in woodturning. Twenty years later Mark still enjoys exploring the endless possibilities of woodturning with enthusiasm and creativity.

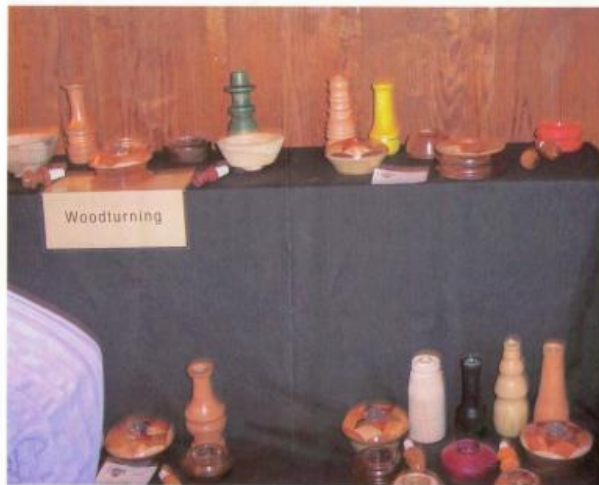
As an Honorary Lifetime Member of the Blue Ridge Woodturners Club in Virginia, Mark has served as vice-president, president & activities coordinator along with hosting their club meetings at the high school shop on a monthly basis. He is also a member of the American Association of Woodturners where he has served as a member of the board of directors. Several years ago the AAW produced a "Skill Building Projects" video featuring some of Mark's teaching techniques.

Mark has been an active demonstrator and workshop leader for turning clubs, along with demonstrating at many regional and national symposiums. He is currently on the faculty list of Arrowmont School of the Arts in Tennessee, Appalachian Center for Craft in Tennessee, Peters Valley Craft Center in New Jersey, and the John C. Campbell Folk School in North Carolina. Mark also finds satisfaction in teaching woodturning courses for a local college. His work has been shown at many venues and is in private collections.

Known for his sense of humor and ability to effectively teach a variety of age groups and skill levels, Mark's teaching techniques are easily followed and incorporate much skill building. His enthusiasm for woodturning has offered him the opportunity to meet a variety of individuals who share his interests in woodturning. Exchanging ideas with woodturners and clubs throughout the world, gives him the opportunity to contribute to the continual process of growth and learning in the field of Woodturning.

John C. Campbell Folk School

One of our fellow SCWT members attended a class at the Campbell school of Woodworking. Here are a few pictures.



Wood Hardness Table

The Janka Hardness Scale measures the resistance of wood to penetration by a spherical steel indenter.

Common Name(s)	Latin Name	Janka Hardness	Density (lb/ft ³)	Strength: Modulus of Rupture (psi)
Balsa	Ochroma	100	7	3,000
Aspen	Populus tremuloides	350	24	8,500
Gumbo Limbo	Bursera simaruba	370	21	5,250
Basswood	Tilia Americana	410	23	8,700
Butternut	Juglans Cinerea	490	28	8,100
Cypress, Bald or Pond	Taxodium distichum	510	29	10,600
Chestnut, American	Castanea Dentata	540	27	8,600
Poplar	Liriodendron tulipifera	540	26	10,100
Catalpa	Catalpa spp.	550	26	9,400
Alder	Alnus spp.	590	41	9,800
Douglas Fir	Pseudotsuga Menziesii	660	30	12,600
Pine, Southern Yellow Shortleaf	Pinus	690	34	13,100
Sycamore, American	Platanus Occidentalis	770	31	10,000
Mahogany, Honduran	Swietenia Macrophylla	800	35	11,514
Lacewood, Australian	Cardwellia Sublimis	840	16	9,715
Walnut, African Mansonia	Lovoa Trichilioides	940	35	12,250
Cherry, Black	Prunus Serotina	950	31	12,300
Imbuya Brazillian Walnut	Phoebe Porosa	950	41	12,500
Maple, soft (Red and Silver Maple)	Acer Rubrum/Saccharinum	1000	34	13,400
Makore African Cherry	Mimusops Heckelii	950	42	12,720

Walnut; Black Walnut	Juglans Nigra	1010	34	14,600
Heartpine	Pinus echinata/elliottii	1020	41	16,300
Holly	Ilex spp.	1020	36	5,540
Teak	Tectona Grandis	1075	40	14,300
Aniegre	Aningeria spp.	980	34	14,743
Cocobolo	Dalbergia retusa	1136	68	10,067
Iroko Kambala	Chlorophora Excelsa	1260	40	13,800
Birch, Yellow	Betula Alleghaniensis	1260	36	16,600
Oak, Red	Quercus Rubra	1290	39	18,100
Angelique	Dicorynia Guianensis	1290	47	17,390
Beech, American	Fagus Grandifolia	1300	35	14,900
Elm	Ulmus americana	1320	31	14,800
Pink Ivory	Rhamnus Zeyheri	1320	56	
Mahogany, African Khaya	Khaya Ivorensis	1350	42	13,950
Oak, White	Quercus Alba	1360	42	18,400
Australian Cypress White Cypress	Callitris glauca	1375	42	11,400
Ash	Fraxinus Americana/Pennsylvanica	1380	28	15,000
Maple, Hard (Sugar/Rock)	Acer Nigrum/Saccharum	1450	39	15,800
Madrone Manzanita	Arbutus Spp.	1460	43	10,400
Sapele	Entandrophragma Cylindricum	1500	42	16,300
Santa Maria	Claophyllum Brasiliense	1410	39	14,640
Afrormosia	Pericopsis elata	1560	44	10,350
Zebrawood Zebrano	Microberlinia Brazzavillensis/bisulcata	1575	53	19,500
Wenge	Millettia laurentii	1630	57	19,500
Walnut, Peruvian	Juglans Neotropica	1630	38	9,100
Padauk, Andaman Vermillion wood	Pterocarpus dalbergioides	1630	48	15,200
Shedua	Guibourtia Ehie	1650	52	17,750

Sandalwood	Santalum album	1680	58	14,600
Locust, Black	Robinia pseudoacacia	1700	43	19,400
African Blackwood	Dalbergia melanoxylon	1720	83	31,640
Padauk	Pterocarpus soyauxii	1725	45	15,438
Mastic	Sideroxylon spp.	1770		12,400
Rosewood, Bolivian Morado Moradillo Pau Ferro	Machaerium acutifolium/scleroxylon/schl eroxylon	1780	53	17,250
Hickory	Carya Spp.	1820	47	20,200
Pecan	Carya Illinoensis	1820	41	20,200
Yellowheart West Indian Satinwood	Zanthoxylum Flavum/Flava	1820	56	
Jarrah	Eucalyptus Marginata	1915	54	16,200
Merbau	Intsia bijuga	1925	50	20,600
Bubinga African Rosewood	Guibourtia demeusei	1980	55	22,293
Karri	Eucalyptus diversicolor	2023	56	19,200
Purpleheart Amaranth	Peltogyne spp.	2090	53	20,100
Goncalo Alves Tigerwood	Astronium spp	2160	59	17,500
Tigerwood	Astronium lecointei	2160	55	
Narra Amboyna	Pterocarpus Indicus	2170	41	13,000
Rosewood, Honduran	Dalbergia Stevensonii	2200	60	
Bocote	Cordia Gerascanthus/Elaeagniodes	2200	40	15,583
Ziricote	Cordia dodecandra	2200	53	15,700
Lyptus	Eucalyptus grandis+urophylla	2228	40	
Chechen Black Poisonwood Caribbean Rosewood	Metopium Brownei	2300	69	
Persimmon	Diospyros virginiana	2300	52	17,700
Santos Mahogany	myroxylon peruiferum	2320	58	21,861

Mesquite	Prosopis Juliflora/Glandulosa	2345	50	16,000
Jatoba Brazilian Cherry	Hymenaea courbaril	2350	57	25,100
Osage Orange	Maclura pomifera	2400	53	18,000
Greenheart	Chlorocardium Rodiaei/Octotea Rodiaei/Nectandra rodiei	2630	64	26,500
Brazilian Rosewood	Dalbergia Nigra	2720	53	18,970
Red Mangrove	Rhizophora mangle	2760	67	28,400
Bloodwood	Brosimum rubescens/paraense	2900	41	15,583
Tamarindo	Tamarindus indica	3000	58	
Cerezo Bolivian Cherry	Manilkara bidentata	3190	53	
Live Oak	Quercus Virginia	3200	58	29,000
Ebony, African	Diospyros spp.	3220	68	27,400
Brazilian Teak Cumaru	Dipteryx Odorata	3540	66	25,580
Ipe Lapacho	Tabebuia serratifolia	3684	62	28,000
Ebony, Brazilian	Swartzia tomentosa	3692	70	29,000
Snakewood	Pirantinera guianensis / Brosimum guianensis	3800	73	
Curupay Brazilian /Patagonian Rosewood Tiger Mahogany	Piptadenia Macrocarpa	3840	65	29,290
Palo Santo Argentine Lignum Vitae	Bulnesia Sarmienti	4000	69	26,100
Verawood	Bulnesia Arborea	4000	78	
Lignum Vitae	Guaiacum Officinale	4500	80	

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;
and
5. Exhibit finished projects.

President: **Read Johnson**
772-562-9031 (days)

Vice Pres: **Chuck Billings**
321-783-7049

Secretary: **Julian Pharis**
321-723-2367

Treasurer: **Harvey Driver**
321-757-8579

News Editor: **Eric Thaxton**
321-452-4713

E-mail: sc_woodturners@bellsouth.net