



Shavings

Hill Country Turners
Monthly Newsletter



Volume #18

Issue #9 October 10, 2013

Next Meeting October 10, 2013

MEETING PLACE

Hill Country Turners meet in the basement of the KACC (Kerr Arts & Cultural Center) at 228 Earl Garrett, Kerrville, Texas at 6:00 pm on the 2nd Thursday of the month. The formal meeting starts at 6:30.

September Meeting

Treasurer's Report from Will Aymond

Checking Account Balance	\$3716.88
Petty Cash Balance	\$225.00

Secretary Report – The Club Officers met Monday, September 2, 2013. A number of topics were discussed and tabled for the next meeting which is scheduled for Saturday, September 21, 2013.

SWAT Update

2013 was the best SWAT ever!!!! There were over 900 participants. The Instant Gallery had the most entries on record – 695 art pieces. Additionally, the most Beads of Courage boxes ever were donated. The 2014 symposium will be held August 22-24.

Upcoming Programs

George announced the October demonstration will be on different texturing techniques instead of finishing. **The Club Raffle will be in October** in order to give the Tolleys plenty of time for their demonstration in November. Finishing will be considered for a 2014 program. Email George if you are interested in helping to establish the 2014 programs. George is looking for an Open Shop volunteer.

October Raffle

Ken noted that the October Raffle will not have a bunch of little things like the last one. It will have fewer, but bigger, nice items and items donated at SWAT from some of the vendors. Don't forget to bring your "Bring Backs" for the raffle!

Point Theater

Ken announced that he had been in contact with Point Theater personnel. You will remember from the last meeting they are inviting us to exhibit (and maybe demonstrate). A tour has been arranged for 10:30 Saturday, September 14, 2013. Maurice Collins noted that his wife is an active member at Point Theater. He invited anyone interested to view their Old Books exhibit which begins September 20th and will run for 3 weeks. [Kathy's Notes from the tour: Attendees included Ken Morton, his wife Pat, George Taylor, Roger Arnold, Joe Johnson, Anna Rachinsky, Kathy Hampton and Jimmie Weir. Rosanne Thrall, Development/Visual Arts Director, conducted the group through a tour of the property. The facilities include studios for exhibits, demonstrations and hands-on workshops. Rosanne informed the group of future plans and opportunities, including the possibility of a club exhibit. Ken will be in touch with Rosanne and will discuss opportunities with the Club when they become realities.]

Health Updates: Jerry DeGroot, Dale Lemons, Keith Longnecker and Ralph Hausman are all doing well and hope to be back at home soon.

Board Elections: Ken reminded everyone that elections for the Club Officers are coming up. Nominations will be announced at the October meeting. Elections will be held at the November meeting. If you would like to be considered for an office, please email Ken prior to the October meeting.

James Johnson – Exhibit at KACC: James thanked everyone that showed up to help pack and unpack all of the pieces on display at KACC from the bottom of his heart. He also requested help (only 10 to 12 volunteers will be needed) to help on September 30th at 8:00am at KACC for approximately 2 hours to repeat the process of packing and unpacking in reverse. The exhibit showcases James’ woodturning craftsmanship. If you haven’t yet been, it is well worth viewing. The most commonly heard comment is “Phenomenal!” If you can’t make it to KACC, you can view many of James’ pieces on his website (www.jamesjohnsonwoodturner.com). Remember! It only lasts till Sept. 29.

Upcoming Events of Interest: The Texas Mesquite Arts Festival will be October 11-13, 2013 at the Market Square in Fredericksburg.

Demo: Kirk Bates – Inlays–They Sell!

At art shows, Kirk says that, with two similar pieces, the ones with inlay sell first. He shared a handout that had different minerals and where they are on the hardness scale. You can use any mineral for inlay. Kirk uses primarily turquoise because it accents mesquite well and most of Kirks pieces are made out of mesquite.

Kirk noted that he buys stones in bulk rather than buying small packages of already crushed turquoise. Colbaugh Processing in Kingman, Arizona sells by the pound and Stephen Hatcher has a website where you can also buy minerals.

Kirk shared his Stone Crusher design with the group. The outside is 2” pipe with cap on one end and a 2” to 1-1/4” reducer on the other. The inside handle/pounder is 1” pipe with caps on both ends. He uses this to crush the stones into small pieces. Then, using different size strainers, Kirk sifts out the different stone sizes.



Kirk uses big pieces for big voids, powder for small voids. If he happens to have a mesquite piece with not voids, he cuts a groove – for instance, a groove around the top opening of a bowl. Kirk advised to avoid putting inlays inside, they are hard to sand down.



Kirk uses marine grade 2 part epoxy (Tom’s Cypress out of Florida, approximately \$40 for 1 gallon). It is a 50/50 mix and has a work time of 10 to 30 minutes depending on the temperature. Warming the epoxy in hot water before mixing is a trick to thin it a little. Use denatured alcohol in a misting bottle to pull the bubbles out of the epoxy. Coloring epoxies to use as an inlay is also an option and a lot easier to sand!

Process

1. Cut a groove with outside of bowl sanded down to 1200 and finished with Mylands friction polish
2. Take off chuck (marking where the number 1 jaw is for rechecking purposes)
3. Put tape around rim to keep epoxy on the outside of the piece
4. Put stones in the groove or voids
5. Use the stirring stick to drizzle epoxy over stones (pouring can sometimes be messy, but is an option)
6. Fill the void completely leaving enough of the epoxy/stone mixture to later sand flush with the surface
7. Re-chuck piece

8. Use a tool to remove epoxy drippings right up to the edge of the stones (cutting the stones will dull your tools)
9. Use a Zirconia pad (8 on the hardness scale), or any sand paper that is harder than the inlaid stones, to sand down the stones. (Kirk starts with Blue Zirconia then uses carbide papers.)
10. Finish

Show-and-Tell

Roger Felps –Here is an urn for a pet with a Corian collar and finial. Here also is a unique piece that could sit either way. His wife would turn what Roger thought the upside, down and put a candle in it. Roger cut a mesquite burl, and turned a natural edge piece. He thought the scrap was too small to make anything, but **Will Aymond** happened along, took the scrap and turned an equally stunning piece. Just goes to show you one man’s scrap is another’s bowl! **George Taylor** – 4 pieces, all inlay experiments



Tom Whiting turned wood - into a pun - Mesquite toes! **Sue Bates** presented plywood experiments with pendant jig bought at SWAT. **Tom Canfield** showed a Cedar box with wax finish, a handled Pine bowl, turning the bowl with a rim that he cut away with a bandsaw. Tom also had a Mesquite bowl that ready for inlay.



Kathy Roberts had Sycamore bowls, both out of the same tree, but such different looks! **Phillip Medghalchi** and the moment we had all been waiting for , the FINISHED versions of the work he brought to show in July.– one bowl finished on the outside with lacquer, inside with salad finish. Phillip advised not trying to buff the salad finish. Here are a bowls in Walnut, Bradford Pear, Memosa, Texas Pecan Crotch, and Black Locust. The last , the Locust, has a lot of silica in it and has a great look, but dulls quickly. It is made into fence posts in Washington. **Kirk Bates** showed wands he made of Oak. Here are the wands. The bowls can be seen on the table in the Demo section (above).



Ken Morton showed a natural edged vase and box of Madrone burl, a Chinaberry of Elm bowl that warped a lot and a pendant test made by a new jig he got at SWAT (see Sue Bates, above). Ken also had a Chinaberry bowl and a nice tea light of Mesquite that posed lots of challenges.(Ken also brought a bandsaw circle cutting jig that was done with plans from **Tom Canfield**. Tom furnished the instructions and pictures of the jig, and *they are “tacked on” at the end of the newsletter for the e-mail recipients*). **Paper newsletter subscribers can ask for a copy to be delivered at a meeting.** The plans will also be placed on the website.



Refreshments 2013

Month	Meeting Date	Drinks	Sweets
October	10th	Jim Whisnand	Bill Hussey
November	14th	Larry Walton	Don Kaiser
December	12th	Christmas Party	Christmas Party
January '14	9th	?	George Taylor

HCT Mentoring Program

It has always been a practice to encourage new members to visit in the shops of other members to help them get oriented to turning. Now we are offering for new turners a special list of members eager to help along with their area of interest. Even some less-than-new members who would like to talk to someone in a special area might take advantage of the help with special interests

The following members have volunteered to serve as Club Mentors. If you have a woodturning or tool/equipment question, call one of these individuals. They would be happy to help.

<u>Name</u>	<u>Phone</u>	<u>Specialty</u>	<u>Name</u>	<u>Phone</u>	<u>Specialty</u>
Roger Arnold	830-866-3670	Shop Practices	Uel Clanton	830-896-5288	General/Spindles
L. A. Cude	901-355-7046	Lacquer Finish	Chuck Felton	830-792-5249	General
James Johnson	830-895-4170	All	Joe Johnson	830-896-5924	General
John Jones	830-536-4503	General	K. Longnecker	830-257-6033	Split Turning/Pens
Ken Morton	210-833-7148	Natural Edge	Raul Pena	830-6342545	General

“THE BIG CHIPS” of HCT

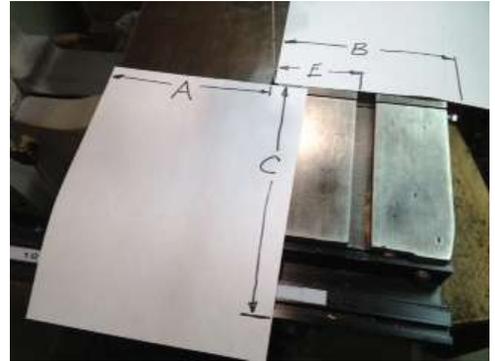
President	Ken Morton	(210) 833-7148	ken@woodshouter.com
Vice President	George Taylor	(830) 751-2109	gat54@mac.com
Treasurer	Will Aymond	(830) 285-2702	waymond@stx.rr.com
Secretary	Kathy Hampton	(830) 634-3002	johnsoj8a@stx.rr.com
Past President	Joe Johnson	(830) 896-5924	huzz@windstream.net
Special Events	Bill Hussey	(830) 896-8093	jerrew@hotmail.com
Newsletter/Webmaster	Jerre Williams	(830) 895-3206	
KACC Liaison	Uel Clanton	(830) 896-5288	jswhizcal@aol.com
SWAT Representative	Jim Whisnand	(830) 755-8603	twhiting@stx.rr.com
Audio-Video Director	Tom Whiting	(443) 243-6933	
Website	http://www.hillcountryturners.org		

Hill country turners is a chapter of the American Association of Woodturners dedicated to providing education, information and a place to meet and discuss woodworking and woodturning.

BANDSAW CIRCLE CUTTING JIG – Tom Canfield

1. Make the following measurements:

1. A = blade to left edge of table (toward post)
2. B = blade to right edge of table + Pin extension
3. C = blade to front of table and any mounted piece
4. E = blade to edge of miter slot
5. T = table thickness
6. Runner slot (typical $\frac{3}{4}$ " wide x $\frac{3}{8}$ " deep)



2. Material needed:

1. Base $\frac{1}{2}$ " MDF about 15" x 24"
2. $\frac{1}{2}$ " deep x $\frac{3}{4}$ " W T-Track
3. Runner – $\frac{3}{4}$ " x $\frac{3}{8}$ " x 15" or so hardwood or purchased plastic
4. Front board/stop – $\frac{3}{4}$ x T + thickness of under edge runner
5. Side Board = T + $\frac{1}{16}$ " or use cardboard shim for clearance
- 5.5 Under edge runner – $\frac{1}{2}$ " or $\frac{3}{4}$ " x $\frac{1}{1/2}$ " W x 15" long
6. T-bolt ($\frac{1}{4}$ " or $\frac{5}{16}$ " x $1 \frac{1}{2}$ or 2"), washer, and knob
7. T-nut and bolt with washer, and stop nut for front stop
8. 2 pieces $\frac{3}{4}$ " x 3" or so x 15" long under base stiffeners – plywood OK.
3. $\frac{1}{2}$ " MDF works well for the base and allows use of $\frac{3}{4}$ " x $\frac{1}{2}$ " T-Track from Rockler or other source. Nominal size is 15" x 24" but can be any size)
4. Cut slot for T-Track measuring "C" + $1 - \frac{1}{8}$ " from front and "A + 2" from the right side (away from the post) parallel to front edge.
5. Mount runner to bottom of the base at "A" + "E" using a square.(complete accuracy not required).
6. Drill hole for T-nut in front board, install, and then attach to front of base. Insert stop bolt with washer and stop nut on outside front to adjust for blade alignment in future.
7. Set base on bandsaw and using the runner, cut from back to limit stop of front stop bolt. Front edge of blade should come to center of slot for the T-track.
8. Fasten under edge runner to the side board and clamp assembly to underside of the base sitting on the bandsaw allowing clearance. Tight side-fit is not critical, but limit uplift of the base to about $\frac{1}{16}$ ".
9. Attach the 2 pieces of stiffener to underside of the base. The one closest to the bandsaw should be set "B" from saw cut to clear pin. . Drill hole for the T-bolt through center of the closest stiffener.
10. Drill pivot pin hole in T-Track. You can also drill and tap hole and sharpen end of screw for a more ridged pin., but pin needs to be removable from bottom to clear t-bolt.
11. Finish with 2 coats of thinned shellac (one part shellac to one part denatured alcohol).
12. Enjoy cutting circles.

