



FRONT RANGE WOODTURNERS

August, 2003, Volume 3 - Number 8

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Upcoming Events

Important Note: Even though a turning challenge is announced for a meeting, this does not mean that other items can't be brought for the show & tell. Feel free to bring in what you've created and don't feel you have to be a master turner to show off your work.

September – Tuesday, September 2. Lee Carter of Rocky Mountain Woodturning will be doing the demo. He will be demonstrating different items, including wooden fruit and inlaid bolos. Turning challenge for September, "Tall Hollow Forms" (defined as the height at least twice as much as the width).❖

News

Thank You, Jerry and Brandon

Thanks to Jerry Smith and Brandon Mackie for cutting up the walnut wood, sealing it, and bringing it to the meeting. A lot of hard work and we appreciate it!

Car Pool

We are circulating a car pool list at the next meeting for you to sign up to car pool to the Rocky Mountain Symposium in Loveland, CO. See "RMWT Symposium" on page 2 for details about the symposium.

Micron Metals

Jerry Smith did a mini-demo in August and mentioned using micron metals to inlay into "flaws" in turnings. Brandon Mackie is building a bulk order for these metals. Please give Brandon your order with payment at the next meeting, September 2. If he gets enough orders, he will be able to get the bulk quantity discount. Contact Brandon at

ihatemondays1@hotmail.com for more information.

We Still Need You

Help Wanted – Vice President/Program Director and Coffee Help

Unfortunately, Bruce Knuth is leaving us and moving away. We are now looking for a Vice President/Program Director for the remainder of 2003. Primary duties will be to arrange demonstrators for each meeting. If you are interested, contact John Montague at 303-794-1679.

Gene and Phil are asking for 4 helpers to take turns making coffee and cleaning up for the meetings. You will need to arrive an hour early to start the big percolator. If you are interested or if you just don't want to have coffee privileges revoked, call Gene at Gene Wentworth 303-758-4173.

Help Wanted - 2004 Officers

Would you like to be an officer in the club for the year 2004 or do you know someone who would make a good board member? If you do, please call:

George Adams 303-452-5650
Jerry Smith 303-466-7912
Gene Wentworth 303-758-4173.

Club Library

Suggested Items

Contact Jim Applegate or John Montague for suggestions about

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materials (books, videos, DVDs) to be added to our club library. The club does have a budget to purchase library materials and look to you to tell us what you want.

Of course, if you want to make donations to the library, all donations are gratefully accepted.

Overdue Items

Standard checkout rules are that you can check out no more than 2 items at once and that the items are due at the next meeting. If you cannot attend the meeting, contact Jim Applegate.

Many items from the library are over due or missing. We are preparing a list of the outstanding items, and do not want place limitations of the usage or initiate new policies to correct the misuse of our library. This is one of the great assets of our organization and we need to make sure each member has the full opportunity to enjoy this benefit.

RMWT Symposium

The Rocky Mountain Woodturners Symposium is coming up on October 11-12 at the Loveland High School. The cost is \$90 for both days. FRW members get \$5 discount. AAW members get additional \$5 discount. Early booking gets even more discount. They are looking for volunteers and for demonstrators. Contact Mark Kurzmack for more information (email: kurzmack@webaccess.net; phone: 970-490-2297).

Featured Providers

Guiry's Wallpaper and Art Supplies
- All six Guiry's locations are providing to members of Front Range Woodturners a **35%** discount on everything in the store. We have a contractor account

under "Colorado Front Range Woodturners." Following are the addresses:

- University Hills Location
2468 S. Colorado Blvd.
Denver CO. 80222
Paint Mgr: Dan Harper
- Littleton Location
8170 S. University Blvd.
Littleton CO. 80122
Paint Mgr: Ken Rolf
- Southwest Plaza Location
9046 W. Bowles Ave.
Littleton CO. 80123
Paint Mgr: John Downey
- Boulder Location
2404 Pearl St.
Boulder CO. 80302
Paint Mgr: Butch Gass
- Lodo Location
2245 Market St.
Denver CO. 80205
Paint Mgr: Bob Dynes
- Parker Location
16534 Keystone Blvd.
Parker CO. 80134
Paint Mgr: John Turner

Wood Emporium, Loveland, provides a 10% discount for FRW members.

Rocklers, Colorado Blvd, Denver, provides a 10% discount for club members – see the Rockler section on page 4. Rockler will be keeping the cash register open until the end of the meeting. Try to do your shopping before the end of the break, so that they can get out quickly after the end of the meeting.

Club Website

Brandon Mackie is asking for suggestions on what to put on the FRW website.

He is in the process of building a gallery of items created by fellow members. If you have a photo of something that you have made that you want added to the gallery,

bring it to the meeting and either Brandon or Alisa will scan it for addition to the gallery.

In addition, Brandon Mackie has offered to take pictures of items made by club members to post on the web site in a Club Gallery.

If you are interested, he will be bringing a camera and black board to photograph your items at the meetings.

If you have questions, contact Brandon at ihatemondays1@hotmail.com.

Wood Events

We receive notices of events, classes, or seminars that we think you may find interesting. (Note: FRW is not endorsing these events, but only providing the information for your convenience.)

Rocky Mountain School of Woodturning

The Spring schedule for the Rocky Mountain School of Woodturning in LaPorte, CO, is beginning. They offer a range of classes through the coming few months. The classes include the following: Basic Woodturning; Intermediate Woodturning; Advanced Woodturning; Turning Green, Dry, and Natural Edged Bowls; Turning Boxes; Inlaying and Threading Lids; and Spiral Turnings. Stephen Hughes of Australia will be giving special 2- and 3-day seminars. It is suggested that you register early.

Most are 3-day courses with hands-on training. Contact Lee Carter at 970-221-4382 or via email at LLJTC4X4149@CS.COM.

Materials Suppliers

Wood Suppliers

Following is a list that Steve Claycomb has compiled of wood suppliers in the Colorado area. If you have more, contact Steve.

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(Note: FRW is not endorsing these suppliers, but only providing the list for your convenience.)

Rockler Woodworking and Hardware, 2553 S. Colorado Blvd., #108, Denver CO 80222, 303-782-0588, web www.rockler.com.

Consolidated Hardwoods, Inc., 11850 Vance, Broomfield, CO 80020, phone 303-466-1839, fax 303-469-3580.

Swingle Tree Co., 8585 E. Warren Ave., Denver, CO 80231, phone 303-337-6200 or 303-369-2892.

Centennial Wood Co, Inc., 985 S. Logan St., Denver, CO 80209, phone 303-778-6209.

Austin Hardwoods of Denver, Inc., 1301 S. Platte River Dr., 80223, phone 303-733-1292 or 303-722-1007, web www.austinhardwoods.com.

Colorado Tree and Shrubbery Specialists, Inc., 4760 Parfet St., Wheatridge, CO 80033, phone 303-431-4155.

Paxton Wood Source, 4837 Jackson St., Denver, CO 80213, phone 303-399-6047, web www.paxtonwood.com.

Custom Hardwoods, phone 303-280-6381, affiliated with Tech Western Warehouse, 4520 Indiana St., Golden CO 80403, contact Steve Bell phone 303-902-3115, 303-278-6882, or 303-452-9180.

Woodcraft Supply Corp., 4403 S. Tamarac Parkway, Denver, CO 80237, phone 303-290-0007.

Woodcraft Unlimited, Inc., 2301 S. Delaware St., Denver CO 80223, phone 303-778-9103.

Diverse Hardwoods, 617 1st Ave., Longmont, CO 80501, phone 303-651-1020.

Tool and Steel Suppliers

There have been several demonstrators who showed home-made tools made with HSS steel rod. Here is a supplier that one of our members found:

MSC Industrial Supply
1551 West Evans
Denver, CO 80223

Local (303) 935-2022
or (800) 332-0210
Fax: (303) 937-1228
Email: branchden@mscdirect.com
Web: www.mscdirect.com

(Note: FRW is not endorsing these suppliers, but only providing the information for your convenience.)

Misc. Suppliers

Brandon Mackie has a source of filters for those of you who want to create or maintain filtration in your shop. Contact him at the next meeting or at ihatemondays1@hotmail.com.

Sanding disks - Steve Worcester in Texas (www.turningwood.com or 972-424-7958)

Miscellaneous

Courtesy During Meetings

We have been requested to please stay seated and quiet during the meeting and demonstration as a courtesy to our demonstrators and fellow members. You feel the need for conversation during the meeting or demonstration, please feel free to step out into the Rockler store.

Also, we must make sure to return promptly after the break to make sure we don't lose time for our demonstrator.

Shop Tours

We are trying to set up shop tours for interested members. Phil Houck has the sign-up sheet for those interested in giving a tour or going on a tour. Just remember – no one expects a sparkling clean shop, so don't worry about putting it off because you don't have time to tidy up. ❖

Show and Tell

People brought the following items to Show and Tell. Unfortunately,

we have no pictures this month because our primary photographer was the demonstrator.

Grover Brown: Natural edged aspen bowl with copper inlay; Beautiful cherry segmented funerary urn, with segmented walnut, inlaid brass disk for engraving, and a second lid of segmented cherry and ebony; Elm bowl with bead detail, entry in the "Big Bowl" challenge.

Phil Houck: Spalted birch lantern with glass shade.

Shawn Ullrich: Bottle stoppers; Mesquite bowl with burn detail and silver wire inlay.

Pete Holtus: Hanging ornaments; miniature bird house ornaments; wood and brass wire ornament stand; Burl lidded box.

Gene Wentworth: Maple, double-cone turning; Alabaster box with cocobolo, Corian, ebony, and rhinestones.

Barbara Craig: Aspen vase, carved after turning.

Lavonna Kaiser: Walnut bowl, entry in "Big Bowl" challenge.

Steve Brown: Box elder goblet.

Jill Rice: Walnut vase; Walnut bowl, entry in the "Big Bowl" challenge.

Harold Fooks: Cottonwood bowl, entry in the "Big Bowl" challenge.

Richard Myers: Beautiful turned and fluted osage cane inlaid with semi-precious stones. ❖

Demonstrations

Bear Limvere did the August demo, showing how he makes miniature hollow forms.

The following are a few of his tips:

- You have to pick a relatively strong wood, because there

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isn't much wood holding it together, especially towards the end of the hollowing.

- Mounting miniatures is a bit of challenge, because the bottom of the piece must be in proportion to the rest of the shape. Bear uses the Axminster chuck for production work, because it can hold down to $\frac{3}{4}$ inch. The Axminster is \$240 retail, and the Donnel multi-jaw set is \$150.
- Alternatively, he says you can use split PVC rings, sized to fit exactly the bottom of your piece. He turned his from the PVC molding to get a wide enough ring. This works, but is a bit slow.
- He uses a small, homemade thickness meter to test the wall thickness. It is a piece of coat hanger wire, bent in an oval and the ends rounded so it won't scratch. He bends it so that the distance between the tips is the desired width. By dragging it from the bottom to the top, he can tell the width different by the amount of resistance in the drag.
- Keep in mind that no one is going to be sticking their finger in there to check the smoothness of the hollow.

For a copy of his handout explaining how to turn hollow forms, see the end of this newsletter. ❖

Rockler

Just a reminder – all FRW members get 10% off all items, except electrical or sale items, all the time. Just present your FRW membership card at time of purchase.

(Note: This offer is only good at the Denver retail location, and is not

valid for any other location or for Internet purchases.)

If you have suggestions for tools or materials that Rockler can carry, contact Rich Johnson, manager of the Denver store.

Rockler web site:
www.rockler.com. ❖

Web Stuff

The Front Range WoodTurners
Web site address:

www.frontrangewoodturners.com

Get the latest information about upcoming events, meetings, and view the excellent photos of the show and tell gallery.

Other sites of interest:
(Rky Mtn Woodturners, Ft Collins)
www.verinet.com/-drmelli/rmwt.html
www.lathes.co.uk
www.woodworkingbasics.com
www.treelineusa.com
www.woodturnerscatalog.com
www.kestrelcreek.com
www.choicewoods.com
www.woodturner.com
www.kazistudio.com ❖

Classifieds

Please note: All advertising in the Classifieds is free, but please be sure to notify the newsletter editor if an item is no longer for sale.

New Policy – All ads that are older than 3 months will be deleted, unless you contact the newsletter editor.

REDUCED For Sale - 16" Delta scroll saw, 2 spd, like new: *reduced* \$70; Generac 4000 watt generator, *reduced* \$350; 10" diamond saw blade, new, *reduced* \$25; set of 4 heavy-duty Jeep/truck chains, *reduced* \$90; Bronco Tickets (I have a pair of season tickets) – looking for person(s) to buy one or more games for upcoming season. Contact Bob Butscher

at 303-694-9617 or
kotysplace@msn.com.

REDUCED For Sale – Sawsmith (Shopsmith) 2000 Cabinet Table Saw. Deluxe Model, 10", 110v (use 20A circuit) with Excalibur professional fence, miter gauge, and mobile base. Table size 27"W x 31"D. 49" rails. Up to 2 ½ H.P. Dual action – table/radial. Excellent condition, one owner, with extras. \$600. Call Dave Hawley at 303-443-2332 or 303-417-1363.

For Sale – Carba-Tec lathe. Comes with a set of tools and two boxes of nice wood. Asking \$250. Contact Mike Green at n2glass@earthlink.net.

For Sale - Rockwell lathe. Model #46-525, 12" x 36" capacity, with 1HP DC variable speed in addition to Reeves drive: \$1000. With single speed AC motor and Reeves drive: \$600. Also Original Nova Chuck pre-bored for 1"x8 with 3 different jaw sets with slides attached: \$170. Please email Cindy Drozda at cindy@cindydrozda.com for more info.

For Sale – Sears Craftsman Lathe. 2 H.P., 38" between centers, 15" inboard bowl clearance, 20" outboard bowl clearance; 4" faceplate; 6" to 12" toolrests. Asking \$350 for the above. Also have 8" faceplate for \$20; 2 each 3" faceplate for \$10 each; Nova Compac chuck for \$60; Lathe Copy Crafter that fits the above lathe for \$120. Call Grover Brown at 303-985-2608.

For Sale – Foremost Lathe. ¾ H.P., 12" bowl clearance, 37" between centers, 12" to 6" tool rest, 4" to 5" faceplates. Asking \$150 for the above. Call Grover Brown at 303-985-2608. ❖

Club Information

President: John Montague
phone: 303-794-1679
e-mail: JAMONT312@aol.com

Vice President/Program Director:
Open

Treasurer: Jill Rice
phone: 303-838-2452
e-mail: jrice1145@hotmail.com

Secretary & Newsletter Editor:
Alisa Limvere

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phone: 303-648-3414

e-mail: limvere@fgn.net

Deadline for submitting material for inclusion in the newsletter is 15 days before the next meeting.

In addition, the following

Chairpersons were appointed and accepted:

Membership & Publicity Chairman:

Bear Limvere

phone: 303-648-3414

e-mail: limvere@fgn.net

Librarian: Jim Applegate

Raffle-Wood Director: Steve Claycomb

Shop Tour & Mentor Program

Chairman: Phil Houck

phone: 303-985-4692

Internet Chairman: Brandon

Mackie, His e-mail address is

ihatemondays1@hotmail.com.

Video/TV Chairman: Cy Carpenter

Social Chairperson: Rose Phillips

home phone: 303-740-9663 and enter 6014 during the message work, 303-715-0172

General Meeting Information

Normal meetings are the first Tuesday of every month, unless otherwise rescheduled.

New meeting place is at Rockler Woodworking & Hardware, 2553 So. Colorado Blvd. #108 Denver, CO (west side of Colorado Blvd. opposite the mall).



Meetings are 6:30 PM - 9:30 PM.

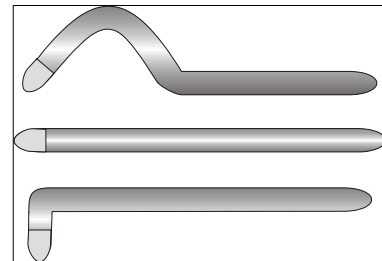
Bear's Miniature Hollow Form Demo

Tools required:

- Lathe tools:
- Scroll chuck
 - with ~2" jaws and shop-made reducer(s)
 - Axminster with "O'Donnell multi-jaws"
 - Nova (or equivalent) with spigot jaws
- Screw chuck (optional)
 - Oneway is ideal, but pricey.
 - Penn State makes an inexpensive one, but only in $\frac{3}{4}$ "x16 and 1"x8.
- Gouge(s), as desired
- Hollowing tools (see picture for basic shapes)
 - The smallest commercially available are the Chris Stott tools. Sorby also makes a similar set. Minimum opening is about $\frac{5}{16}$ "
 - The Kelton (McNaughton) "micro" set is also quite effective. minimum opening is $\frac{3}{8}$ "
 - Smaller tools can be shop-made from masonry nails, worn hex keys, etc. Instead of making handles for each, consider using a pin vice, or a Jacob's chuck held in a longer handle.
- Parting tool (prefer Stott Narrow parting tool)
- Scraper(s), as desired

Miscellaneous:

- Sandpaper in various grits (150-400).
- CA glue and accelerator
- Ruler, calipers, pencil
- Shop-made thickness gauges
- Saw. Band saw is ideal, but a sharp hand saw will do well.



Form:

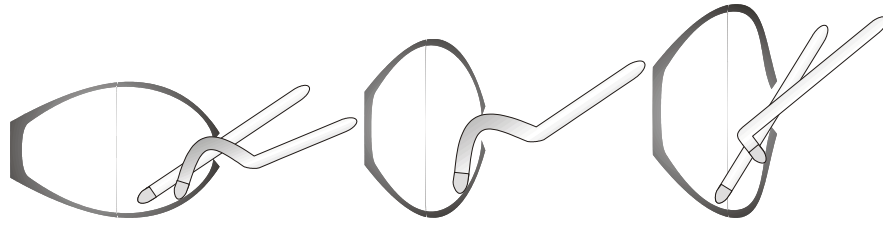
Aesthetic Matters

- The generally accepted term for miniatures is "Small-scale Turnings". This was coined by Bonnie Klein, the master of the art.
- Shape and form are more important in miniature. A bad curve will show up faster than in a larger counterpart. It is harder to hide a weak form in pretty wood.
- There is something magical and whimsical about miniatures.

Technical Concerns

- While the forces involved with hollowing are far less than with larger forms, the piece must be held solidly, and tools used with care.
- The wider the form in relation to the opening, the harder it is to hollow. This is magnified by the height of the shoulder. See pictures below.

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Shapes and tool positions

Procedure:

Materials

Almost any bit of wood will work. Be aware that coarse-grained woods may not work with miniatures. The grain may overpower the form. This also may apply to heavily-figured woods. Experiment and evaluate the results.

Roughing

1. Mount piece between centers and rough to round.
2. Cut a spigot that will fit your chuck.
 - a. If your chuck will support it, and you are comfortable with it, a piece square stock can be directly mounted in your 4-jaw chuck.
 - b. Glue work piece to waste block large enough to mount in standard jaws.

Shape outside

3. With the piece mounted, make a light cut to true sides, and true end.
 4. Lay out shape. Make sure you leave enough clearance at the base to part the piece off.
 5. Shape the top (away from the chuck) first.
 6. Remove material towards the base. Leave enough at the base to support hollowing, but get close to the final shape.
 7. Make a small recess with a skew or scraper to start drill.
 - a. If adding an inlay piece, make the recess now so you do not make the opening too wide.
 8. Drill hole to depth for hollowing. Use the smallest drill that your tools will fit through, and you're comfortable with.
 9. Move tool rest around to the end, and start hollowing. Hollow from the top down, leaving as much material at the base as possible for support. Check thickness often.
 10. If adding an inlay, glue it in place now. Make the opening hole, and shape it.
 11. Sand the exterior to 400 grit, and finish with favorite finish. My favorite for this type of work is EEE Cream, followed by Shellawax.
 12. Part off, holding the tool at a slight angle to leave the base concave. Remove the small pip with a sharp gouge. Sign and date the bottom, and apply finish.
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P.O. Box 714
Franktown, CO 80116