

NEXT MEETING
MAY 27

MAY - VOLUME 3, ISSUE 5

ASSOCIATION OF REVOLUTIONARY TURNERS

MAY 24, 2004

WWW.REVOLUTIONARY-TURNERS.COM

INSIDE THIS ISSUE:

TURNER OF THE MONTH	2
APRIL MEETING MINUTES	3
MEDIA LIBRARY	7
CLUB EVENTS	7
TRAVELING DEMO	8
NOTES FROM THE 'NET	9
MONTHLY SHOP TIPS	13
OTHER EVENTS	13
VENDOR NEWS	14
MENTORING PROGRAM	14
CLASSIFIEDS	15

SAFETY TIPS

- Always wear a face shield!!!
- Make sure your tailstock is **LOCKED** before turning on the lathe!!!
- When you have to chase your lathe around the room, you're turning speed is too high.

PRESIDENT'S COLUMN - KEN LINDGREN

Are we doing enough? Are we doing the right things? Is there enough variety in what we do? Are we doing what we do well? These are questions your board members discuss amongst themselves and other members, and also think about in quiet moments. I guess we all suffer from that common turner's disease...wood on the brain.

Unless there are some closet dissenters out there, my guess is that overall we're doing pretty well. Standing back to see the forest not the trees, I see our club doing the following:

- Meeting every month...and Mike "Emeril" Green is the host chef this month
- Demos most months
- Show & tell... what better way to share the thrill of victory & the agony of defeat
- Wood swap and wood harvesting
- Chat room
- Discounts on Woodcraft purchases, anchor seal, CA glue, sand paper

- Luke Mann demo coming in August
- Summer Outing in July
- Marshfield Fair, Prowse Farm Fair & Topsfield Fair selling venues
- Shop visits
- Tops for children's hospitals
- Wood Chain Challenge
- Lathe, grinder, tables and tent rentals
- Field trips... Old Schwab Mill most recently

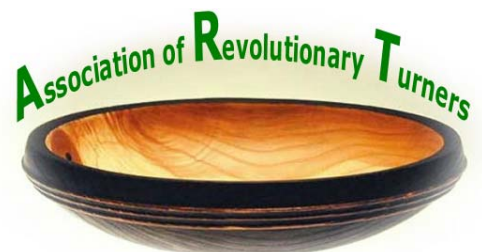
I haven't seen any of our members wearing t-shirts with a big red "S" on them so, I know all of the above has come from the efforts of a lot of people. We need to thank all of the past board members for starting the club and planting the seeds for the programs now in full bloom. Also to be thanked is the current membership. Starting a club is one thing. Keeping it going is another. Thanks to everyone who in one way or another, is helping our club evolve into a better and better one.

MEMBERSHIP HAS ITS PRIVILAGES...

CA Glue & Accelerator Available

Thin CA Glue	2oz	\$4.00
Medium CA Glue	2oz	\$4.00
Thick CA Glue	2oz	\$4.00
Black Medium CA Glue	2oz	\$6.00
Accelerator w/pump	2oz	\$3.00
Anchorseal	1gal	\$7.00

3" Velcro backed sandpaper discs
- 80 to 400 grit 10/pack \$2.00



TURNER OF THE MONTH - ?

We need someone to take over this section of the newsletter. Bobbi Tornheim has too much on her plate already as Vice President to commit to this article.

“ We need
someone to take
over this
section ...“

MEETING MINUTES - APRIL MEETING

Ken Lindgren called the April meeting to order at 7PM. New members Chris Garrity, who came with Mike Green, and Dave Fulton were introduced. Welcome, guys.

Ken commented on the exceptionally large wood-swap this month, and also the good amount of items for Show & Tell.

Thanks to Donna Banfield for bringing in goodies this month. Mike Green will take May.

Ken mentioned that the AAW is still looking for volunteers, and he also had AAW magazine samples and flyers.

Visit the AAW website www.woodturner.org or see Ken for information.

AAW insurance was discussed. The insurance does not cover individual training, only club-sponsored events. Dave Eaton indicated thought that the insurance only covered non-members, and the turner involved must be an AAW member.

Ken said that one or two "guest" members could sit in on board meetings to see how the process works or if they were considering running for office.

The autographed 3-volume Richard Raffan book set generously donated by Woodcraft will be raffled at the June meeting. Peter Priestner said that tickets are \$10 each, with proceeds going to the club.

Ken spoke about the upcoming critique night. Members were split between favoring a 3-member panel vs. a "roundtable" format with everybody present participating. The limit will be one piece per member, and a form will be used. The event would run 2 - 3 hours, most of the meeting, and pieces would be submitted anonymously, with the turner's name hidden until the end. Members finally voted for the roundtable format where everybody participates.

Member Jean LeGwin is mentioned in the AAW magazine.

Dietrich Kulze reported on the research he has done on TV monitors for the demonstrations. TV's in the 19" - 20" range are as low as \$100, with

13" models as low as \$50. Used TV's are \$25 - \$75. Weight is a problem, as the larger TV's weigh 45 - 50 lbs. This will be discussed again at the May meeting.

Bobbi Tornheim mentioned the sandpaper that the club sells. Sheets are available in 100 - 320 grit, discs in 80 - 800.

Bobbi mentioned the Crafts Boston craft fair held 5/21 - 5/23 at the World Trade Center, phone 617-266-1810. This is the show formerly held at the Castle on Arlington St., which I believe is now a restaurant. If you go to the show, say "Hello" to Bobbi's sister-in-law Holly Tornheim.

Bobbi also spoke about the Luke Mann demo scheduled for 8/14. Luke charges \$350 for the demo. The event will be held at Middlesex Community College in Bedford. A fee would be charged, maybe \$15, and others clubs may be invited.

Luke is a highly-regarded professional turner, and he will present on square bowls and possibly scorching techniques. AAW insurance coverage for the event was discussed, and Bobbi will research this. A number of other issues were discussed briefly, such as how to separate attendees from the general public, do we offer multiple/family tickets, advance registration.

Bobbi will co-ordinate the event, and the following committees were established or individuals assigned:

Agreement and legal documentation
Andy Osborne

Equipment
Dick Vose, Donna Banfield

Registration, other clubs, forms, flyers
Derrick TaPaske, Dietrich Kulze

Maintenance, clean-up
Bill Wall, Gary Bashian

Food and Drinks
Barbara Clorite-Ventura

Joanne VanPelt spoke about the Tops for Children

" Ken Lindgren called the April meeting to order at 7PM. "

MEETING MINUTES - APRIL MEETING

program. She was planning a visit to North Shore Children's Hospital, and invited members along. Thanks to members efforts, we have 43 tops to date.

Joanne also spoke about the "wood-chain" program which she initiated, where a piece rotates between several members, each of whom adds his/her own touch. The piece is auctioned at the end. Two rough pieces were brought in to start us off. There are no restrictions other than that a tenon should be left for the next person to mount the piece in a chuck. The piece will generally be passed on at the monthly meeting, and anyone who destroys a piece must replace it. We've all "blown-up" a piece or two, haven't we?

Peter Priestner said that the club has just under \$2000 in the bank, and has recently purchased sandpaper and glue. Ken indicated that this club is the most financially secure of the three he's a member of.

Dave Eaton mentioned the wood harvest program, where members spread the word about a tree coming down or wood available. Post a notice on the Yahoo chat site, on Dave's site www.eaton9999.com, or send an email to me at garybashian@hotmail.com and I'll put the word out.

Andy mentioned that his neighbor in Norwood has a 30" - 36" maple coming down. There was also some apple available in Needham. Apple should be sealed as soon as possible, as it splits quickly.

Dietrich mentioned a source for burls in Oregon that he found through ebay. He will research and report back.

Ken said that Joanne VanPelt is officially named Vice-President of Special Projects.

Dick Vose has contacted members who have not paid their dues, and several have renewed their memberships. He has since published a revised membership list. Dick indicated we have the "Son of Skew" video with Alan Lacer, but there was an shipping problem with the Nick Cook video.

Andy indicated that the new glue shipment has not yet arrived, but we do have more AnchorSeal.

Dave Gillette spoke about the importance of wearing a face shield. He recently had a bowl shatter, and several pieces hit the shield. He could easily have been injured, had he not been wearing the shield. See picture.



“ Dave Gillette spoke about the importance of wearing a face shield. “

Derrick TaPaske said that he is selling a Teknatool/ Nova 750 lathe, with 1HP variable speed motor and base. Price \$1200.

I'll take this opportunity to plug the Yahoo chat site, art_woburn, maintained by Robin Cain. This is primarily a "chat" and information site, and it has a way to post files and pictures. I recently posted a finishing question, and got good responses from Dennis Daudelin and Devon Thibeault. I'll let you know how it works out. Access the site through Yahoo Groups or via the new link on the ART homepage.

SHOW & TELL

Donna showed a large shallow bowl with voids, of box elder. She recently received as a gift the outrigger attachment for the Oneway, and what better way to christen it? The bowl had a "butt-crack" in the center, which Donna secured with cyano. She also used a sanding sealer. She was thinking about using it as a wall hanging, but wondered how se-

MEETING MUNITES - APRIL MEETING

cure a large piece like that would be.

Ken Ledeen showed some John Jordan hollowing tools, as well as a bowl carved on the outside with gold "patent leaf" on the inside. This is a technique where the gold adheres to paper. In case you're wondering, yes, it's real 23K gold.

Peter Priestner brought a skew chisel made from an idea on the Internet. It's basically M2 drill rod in an iron pipe handle. The rod is held in by an aluminum filler piece that itself is turned with a gouge. He cautions that the pipe may not be perfectly round. The whole thing is held in with a screw fitting, and the "handle" is wrapped with tape.

Ken Lindgren had a bowl of Manzanita burl, with cracks, and mounted on a base. There was a turned figure on the rim, a touch which Ken says helped him get juried into a South Shore gallery.

Mike Green showed a hollow form with a surface decoration hand-carved by his son. Mike also brought a rather large top of Southern Yellow Pine salvaged from a reconstruction site where he's working. Some lucky kid will get a very nice top. Thanks, Mike.

Andy Osborne showed a bowl of spalted maple, finished with Waterlox. Estimated value \$150. Andy also had a bowl with a textured rim done with the Sorby texturing tool, estimated at \$200 - \$300.

Derrick Tapaske indicated that the gallery he works with now adds 128% to the wholesale cost.

Ken said that adding decorative or artistic touches significantly increases the value of a piece. A piece has one value if it's "Craft", but it's worth twice as much if it's considered "Art". Ken also indicated there are different types of venues for selling, each with its own type of clientele and type of items likely to succeed – craft fairs, art festivals, galleries.

John Moore showed a hollow form with large voids, also brought a 5/8" bowl gouge with "wormy" handle.

Peter Teubel had bowls of box elder and mulberry

with rosewood bottom. He sometimes fills gaps with inlaid, and burns the piece with a contrasting wood held right on the surface as it spins. Finish is tung oil.

Jeff Kuehl showed a hollow form of curly maple, a plate of zebrawood, and a walnut plate finished with Waterlox. Jeff also sometimes uses tung oil with carnuaba wax.

Chris Gerrity showed a goblet with an "S" shaped stem in a reddish wood (maybe paduak?)

Jeff Lavine showed his signature small burl box, made with his "brick technique". I'll have to ask Jeff exactly what that is!

DEMO

Peter Teubel gave a demonstration on vacuum chucks. These are typically used to re-mount a bowl on the lathe, bottom facing outwards, for final finishing and to remove the tenon or clean up the bottom, etc.

The chuck consists of an aluminum or PVC tube about 4" or 5" in diameter, with an MDF bottom threaded with a tap, to mount on the headstock. There is a 1/8" neoprene gasket on the outer rim, where the bowl is mounted. There is an iron or brass tube which sits inside the lathe's hollow mainshaft, with "O" rings seated in grooves. The other end of the tube is connected by hose to a vacuum pump with a gauge. A little leakage is OK.

The piece is mounted to the chuck just by seating it against the gasket. The lathe is turned on, with the pump running, of course. Be sure not to turn the pump off with the lathe still running.

To demonstrate the strength of the chuck, Peter let a couple of people try to pull the demo bowl loose, and they could not. Peter suggests that 5" of mercury is good on a larger chuck. A perfect vacuum is 28" of mercury. Peter said that the larger diameter the chuck is, the more holding power it will have.

Used vacuum pumps are available under \$100.

“ Peter Priestner brought a skew chisel made from an idea on the Internet. “

MEETING MUNITES - APRIL MEETING

Industrial Rubber & Plastics in Haverhill is a good source for the neoprene gasket material. An old gasket can be removed simply by turning it off. Pete mentioned a product from Australia called "Vacuum Master" if your lathe has a solid main-shaft.

Peter also had a few words of caution. He said that a catch will damage the MDF threads of a long chuck. He also mentioned that a thin bowl may collapse. Allow air to bleed in this case. The rubber ring may leave a mark on the bowl. Don't use any sealer or glue or try to do any scorching under vacuum. If a bowl is warped, you may be able to use a smaller chuck. He also said that the vacuum chuck doesn't work very well on porous woods like oak or honey locust.

There was a question asking Peter to compare the vacuum chuck to Cole jaws. The Cole jaws are large, flat jaws with movable rubber nubs, specifically designed for re-mounting bowls. Pete said he prefers the vacuum chuck over Cole jaws because he finds he can never get a piece centered properly with Cole jaws. Of course, Cole jaws do require a flat, even rim, so they are useless for re-mounting a natural-edge bowl.

From time to time, Peter also offers his vacuum chuck class at his shop in Milford. Students leave with 3 chucks and an adapter for their lathe.

Thanks for an interesting demo, Pete!

BONUS QUESTION: Does anyone know the origin of the name "Cole jaws"?

The wood swap took in a whopping \$62.

The meeting was adjourned at 10:00 PM.

“ Peter also had a few words of caution. “



MEDIA LIBRARY

Current Video Inventory:

- * *Turning Wood with Richard Raffan*
- * *Turning Boxes with Richard Raffan*
- * *Turning Projects with Richard Raffan*
- * *Bowl Turning with Del Stubbs*
- * *Skill Building Projects with Mark St. Leger*
- * *Sharpening Fundamentals*
- * *Turning Projects from Scrap with Bob Rosand*
- * *Natural Lipped Bowls – Ken Bullock*
- * *Wooden Bowls on a Budget – Ken Bullock*
- * *Rude Osolnik – Dean of American Woodturners*
- * *David Ellsworth Tape #1*
- * *David Ellsworth Tape #3*
- * *David Ellsworth Tape T*
- * *Skew Chisel with Alan Lacer*
- * *Turning a Salt & Pepper Mill by Holtham*
- * *1996 AAW Symposium - Techniques*
- * *1997 AAW Symposium - Techniques*
- * *1998 AAW Symposium - Techniques Vol #2*
- * *1998 AAW Symposium - Techniques Vol #1*

- * *1999 AAW Symposium - Techniques Vol #1*
- * *Vessels of Illusion by Trent Bosch*
- * *From Tree to Table by Mike Mahoney*
- * *Woodturning Wizardry by David Springett*
- * *Woodturning - A Foundation Course*
- * *Mike Darlow DVD set*
-> Available on VHS tapes

Current Book Inventory:

- * *Woodturning - TIME/LIFE Book*
- * *The Fine Art of Small-Scale Woodturning*
- * *Fundamentals of Woodturning by Mike Darlow*
- * *Woodturning Methods by Mike Darlow*

“If anyone would like to donate any ORIGINAL videos (no copies), please contact any of the club’s officers.”

CLUB EVENTS

August - We will be hosting a demonstration by Luke Mann. Location to be determined. More details soon!

MAY MEETING AGENDA

Remember to bring in some wood for the wood swap to help support the club!

6:30pm–7:00pm

Arrive early for some social time and please remember to park across the street at the Fleet ATM parking lot.

7:00pm–7:45pm

- * Club business
- * Announcements
- * Show & tell. Bring your pieces in for discussion

7:45pm to 8:00pm

Break

8:00pm–9:00pm

Demonstration: Spirals by Sy Levine

9:00pm-9:15pm

Break

9:15pm - 10:00pm

Wood Swap

TRAVELING DEMONSTRATION

Frank Movitz and Donna Banfield traveled to Pinkerton Academy in NH to give all-day demonstrations to the students. They were well received and had a great time!



“ Frank Movitz
and Donna
Banfield
traveled to
Pinkerton
Academy ...”



NOTES FROM THE 'NET

Ring Count

By Bob Smalser

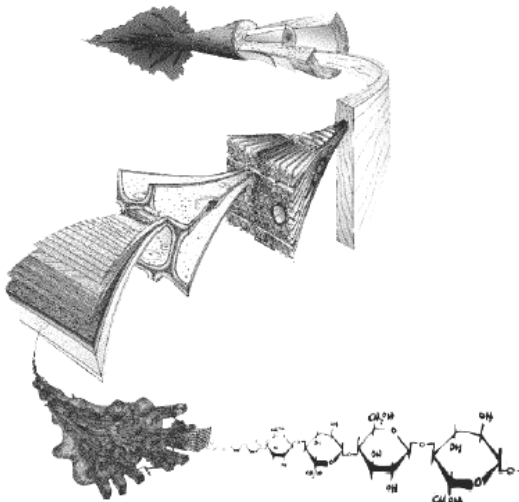
“Hi Bob, Could you possibly create a post explaining why and how tight ring counts improve lumber qualities? I know that tight ring counts are preferred, but why is it better?”

My pleasure...it's really quite simple, looking at a close-up of the growth rings:



In early spring the wood grows quickly with large, thin-walled cells...“earlywood”...seen as the lighter colored portion of the growth ring. As the season progresses and growth factors such as light, temperature, nutrients and water become more limiting, the cells get smaller, thicker-walled, denser and more resinous...“latewood”...seen as the darker portion of the growth ring. You can actually see the cells get smaller in the photo as they darken. Smaller, denser cells with more natural resins are stronger...and a higher proportion of them in the wood makes for stronger and more durable timber...significantly stronger and more durable timber.

Even in the tropics there is usually some limiting factor to create latewood...like an annual dry season...and it is the rare tree that doesn't show some sort of growth ring.



But it also helps to understand something of how the tree grows...many folks think of growth rings in three-dimensional form as cylinders, but they are really cones as shown on the left. That's useful to understand when ripping bending stock from wood originally milled from a cant as most sawmills do...there is almost always some grain runout in straight, sawn boards that should be identified before selecting stock for bending. That's why riven or split boards like the Vikings' early lapstrake planking are almost always stronger than straight boards, and for most store-bought wood, boards milled from nearer the pith will have less grain

“ ...it is the rare tree that doesn't show some sort of growth ring. “

NOTES FROM THE 'NET (CONT.)



runout.

There are some sawmills that can compensate for log taper without making a cant, taking their waste from the pith rather than the slab...the Lucas and Peterson swing-blade mills come immediately to mind. If you can find a local sawyer using one and explain your requirements, you can obtain higher quality bending stock.

Wood is composed of hollow, spindle-shaped cells of cellulose cemented together by lignin and arranged parallel to each other along the trunk of the tree. Trees grow by adding cells in the (again, cone-shaped) cambium layer immediately beneath the bark...the trees' existing cells do not grow larger. Thus new wood is laid down atop of old and the diameter of the trunk increases... stretching, cracking and sloughing off the bark as the tree grows.

The wood immediately beneath the cambium layer ...the sapwood...stores and transports the tree's water and nutrients. As sapwood contains much water and minimal resins, it is never rot resistant...even in rot resistant species...

and is undesirable for use in boats. Generally, the faster the tree species grows, the higher percentage of sapwood...yellow pines from modern plantations take decades to develop heartwood and today's SYP lumber generally contains no heartwood. Black Locust is an exception...a fast-growing pioneer species that generally only contains a half-inch of sapwood and high rot resistance and strength in its heartwood...hence an excellent boatbuilding timber to propagate.

Heartwood consists of dead, inactive cells that no longer transport or store food and water. The transformation of sapwood to heartwood is accompanied by a general loss of water and a dramatic increase in the

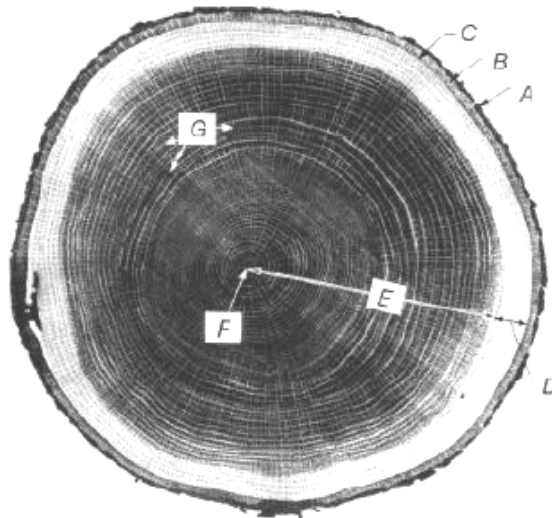


Figure 2-1. Cross section of white oak tree trunk: (A) outer bark (dry dead tissue), (B) inner bark (living tissue), (C) cambium, (D) sapwood, (E) heartwood, (F) pith, and (G) wood rays.

“ Wood is composed of hollow, spindle-shaped cells ... “

NOTES FROM THE 'NET

“extractive” content...the resins, tannins, gums, oils and minerals that give heartwood its distinctive darker color and in some species resist rot.

Most woods like also have “rays”...which are horizontal cells that transport water radially across the grain. In White Oak these cells are larger and more conspicuous, especially in quartersawn wood. “Tyloses” also occur in some hardwoods like W. Oak, ash and hickory. These are ingrowths that clog the sapwood’s pores as it transforms to heartwood and prevent water transmission. This makes White Oak excellent for boats and cooperage, but also prevents the penetration of preservatives in the wood, so there is a trade off. Softwoods transmit water differently than hardwoods...they transmit water from longitudinal cell (tracheid) to longitudinal cell and don’t have pores.... that’s how you tell a “softwood” from a “hardwood” botanically, [i]not[/i] from the leaves. The Ginkgo or Maidenhair Tree in your local park is certainly a broad-leafed tree...but it also has tracheids and is really a “softwood” botanically.



As a practical example on the left, here’s a Doug Fir log in my stack yard recently harvested from a neighbor’s farmstead. The tree above is what we call locally a “mini-old growth”. It was a seedling in 1900...well before the area was first selectively logged in 1936...yet it is only 21” in diameter. You can see that as a seedling, it had a tough time competing with its larger forest neighbors, and there are 20 rings to the inch until its larger neighbors were thinned in 1936. Then with more, but not full sun, the tree grew at a rate of 8 rings to the inch...and you can see those rings tighten up some as its neighbors also shot up...until the area was completely cleared for a farmstead in the 1970’s, where it got full sun and grew at an even faster rate of 4 rings to the inch.

In contrast, its close neighbor (right) was also the same size...around 21”...yet this tree didn’t sprout until the around 1975 when the farmstead was cleared, and has spent its entire life in full sun...3 rings to the inch.

There’s little doubt which log will become boat framing and which log will become studs.



“ There’s little doubt which log will become boat framing and which log will become studs. “

NOTES FROM THE 'NET

Making Your Own Buffing Wheels

By Russ Fairfield

Yes, denim makes a very good buffing wheel. A coarse muslin or a heavy sail cloth is even better.

Always use a cloth made from natural colored fibers, or one that has been washed to where there is no discoloration of the washwater. Regardless of what they tell you, cotton cloth is not colorfast, and blue denim is the worst. Any color in the cloth WILL transfer to the wood. Use blue denim only if you like the looks of blue Maple.

Cut the denim into enough 8" discs to make a loose stack that is about 1" thick. Don't forget to punch a 3/8" hole in the center. Stack the discs with the weave at 45-degrees to the one next to it. Put the stacked denim on a 3/8" bolt between 2 FENDER WASHERS. Tighten the nut and you have a buffing wheel.

Production Turning

By Fred Holder

Most woodturners never attempt to make a living from their hobby or craft, they may sell a few pieces to help support the hobby, but let a full time job put food on the table and pay the rent. When I interviewed Richard Raffan in 2001, I asked him how he got started as a professional woodturner. He said it helps to have a partner with a good job. He also stated how he works:

"Like most full time turners, Richard had a bread and butter product that helped pay the bills and provide food for the table in those early years. In his case it was the little wooden scoop. He said that he has made over 45,000 of these little scoops and for several years they provided a major part of his income. Interestingly enough, none of Richard's little projects were pens. In fact, he firmly says, "let it be known that Richard Raffan desires never to make a pen."

"In the early days, Richard said, he made a lot of salad sets. This was sort of the lead in to his sale of one-off pieces. Each time he made a salad set, there

were a few singles left over; i.e., to make a set of six matching bowls he might have to make two or three extras that didn't match. He started selling these as singles. From this came his one-off market.

"Richard also noted that he used to do a lot of work for a cooperative in England. The orders were nice but they came in two or three times a year and maybe two or more orders in an envelope for say: 60 six inch bowls, twenty 12 to 14 inch bowls, maybe sixteen 18" x 4" and they would ask for delivery in four weeks. Then, he said, you have to begin negotiations.

"Richard's new book is an extensive upgrade of his first book and carries the same title, "Turning

Wood with Richard Raffan." Richard has written five books, the fifth one is just coming out and is a completely revised and updated version of his first book Turning Wood. He has made five or so videos on woodturning, and makes several teaching excursions like this one at Puget Sound Woodworking Center each year He does demonstrations at events like the Utah Woodturning Symposium. I asked him how he managed to still find time to turn wood. He says that these really take up a small part of his total year (about 6 to 8 weeks) and that he still makes a very good living from turning wood. He said that he turns about 600 hours a year. He gives an example of how he works. He might go to the mill and pick up a trailer load of wood, say enough for 200 salad bowls, plus the additional small bowls that come from coring the larger bowls. He will rough these out in about 2-1/2 days. Today, however, his bread and butter product is bowls, bowls from about 8 inches to 14 inch. He says that he likes to keep around 1500 rough turned bowls on hand to meet the incoming orders."

How many of us can rough turn 200 salad bowls in 2-1/2 days, plus the cores from those 200 salad bowls?

**" How many of us
can rough turn
200 salad bowls
in 2-1/2 days... "**

MONTHLY SHOP TIPS

Souix Angle Drill Mod

by Terry Daniel

I was at Dixie Industrial Service today in Chattanooga, TN. While there I asked about the problem with the Sioux and Milwaukee angle drills that we all use for sanding. If anyone has one of these that is giving trouble you might want to send it to Dixie and specify that all bearings be changed to sealed bearings. The factory bearings are shielded only. The sealed bearings cost about \$3 more each and there are 6 of them. You can contact them at: 423 698 8063.

OTHER EVENTS

Sunday, June 6, 10am - 4pm

Frank Movitz will be teaching Turning Spindle at the Woodcraft store in Woburn, MA. You will learn how to sharpen the most common turning tools and use them to produce a variety of cuts in spindle work. Frank will teach you about the functions of a lathe, turning speeds, chucking techniques and wood selection. This half lecture, half hands-on class is excellent for anyone getting into this fascinating art. Cost is \$85.

Sunday, June 6, 10am - 4pm

Peter Teubel will be teaching "Vacuum Chucks in Turning" at his workshop in Milford, MA. Students will learn how to make their own vacuum chucking system for a fraction of the cost of commercial units. Peter will be demonstrating how to machine/assemble the rotary bearing unit to work with any lathe that has a hollow spindle

(each student will take home one completed unit). Students will then turn and assemble three different vacuum drum chucks. These custom made drum chucks can even be used WITHOUT a vacuum system as a superior friction drive chuck. Cost is \$130.

Thursday June 10 , 6:00pm - 9:00pm

Peter Teubel will be teaching "The Art of Pen Turning" at the Woodcraft store in Woburn on . In addition to making a European designer pen in class, all students will take home 2 addition pen kits (complete with wood blanks), a set of pen bushings, and a complete set of pen turning tools. Cost is \$80.

" Send your tips to Peter Teubel for publication in our Monthly Shop Tips section! "

VENDOR NEWS

Cast Iron Legs for Nova Lathe

Woodcraft Store in Woburn

The new cast iron leg set for the Nova series lathes (3000 & DVR) are now available at Woodcraft. These sturdy legs add an additional 150lbs to your lathe to help stabilize it.

A.R.T. MENTORING PROGRAM

Our Mentoring program is designed to help the novice as well as the intermediate turners in the club. Take advantage of the Mentors listed below. They've all agreed to spend a few hours with anyone to help the beginner get started or the intermediate to advance their skills. All it takes is a phone call to make an appointment.

Peter Teubel - Milford, MA
(508) 662-4932
pteubel@comcast.net

Mike Green - Lowell, MA
978-459-8308
mgreenburl@juno.com

Frank Movitz - Marblehead, MA
781-631-4411
gwpb@attbi.com

Derrick TePaske - Belmont, MA
617-489-0169
go.den@verizon.net

Steve Reznek - Concord, MA
978-287-4821
reznek@aol.com

Jack Grube - Londonderry, NH
603-432-4060
jackgrube@aol.com

Dietrich Kulze - Billerica, MA
978-663-5241
dk3@reuse.com

David Vaughn - Reading, MA
781-944-3389
janvaughn@comcast.net



**“All it takes is a
phone call to
make an
appointment.”**

CLASSIFIEDS

Look! No Batteries Required...Ever Again! Batteryless, 110 VAC Powered Laser Pointer for those deep hollowing jobs. Plugs into any standard 110 VAC outlet. Use with deep hollowing systems such as the Jamieson, Kelton, Oneway, Pro-Forme, Dave Reeks, homemade, etc. varieties.

Price: \$25.00 each.

Get perfectly side ground edges on all your bowl gouges. Improved, easy to use gouge sharpening jigs. No matter what the sizes of your gouges, there is a sharpening jig to give you that perfectly ground edge. For use with the Wolverine or similar grinding aid. Three sizes to properly fit all gouges:

Size:	Prices:
Small (up to 3/8" dia.)	\$12.00 each
Medium (3/8" - 5/8" dia.)	\$12.00 each
Large (5/8"-7/8" dia.)	\$12.00 each
Set of all three:	\$30.00 (Save \$6.00)

Ultra-Thin Kerf Parting Tool. Blade is only 0.050" thin to give those wood saving and grain matching cuts. Overall length approximately 9-1/2" with comfortable handle for good control. Made from hardened High Speed Steel for a lasting edge and stiffness.

Price: \$20.00 each.



110 VAC Laser Pointer



Bowl Gouge Sharpening Jigs



Ultra-Thin Parting Tool

Please add \$5.00 Shipping and Handling to your order (no matter the number of items ordered being shipped to the same address at the same time).

To order, please make checks payable to Peter Toch and mail to:

Peter Toch
6565 Fairway View Trail
Roanoke, VA 24018

For questions or further information, please contact Peter Toch at (540) 774-4152 or ptoch@adelphia.net

* NOTE: These items are also available thru **Mike Green** at the monthly meetings.

“ Classified ads
are free for
members . Just
send your ad to
Peter Teubel. ”



Association of Revolutionary Turners

“ G E T I N V O L V E D ”



Think you've turned a big bowl? Check out THIS one! Check out the web site for more details.

http://www.proswoodturning.homestead.com/The_Big_Bowl.html

2004 MEMBERSHIP DUES

Dues for 2004 is now due. Please have cash or check ready at the January meeting.

MAY 27 MEETING

- Demonstration: Turning Spirals by Sy Levine

~ LEGAL STUFF ~

The Association of Revolutionary Turners (A.R.T.) was founded in 2001 to support the needs of woodturners in eastern Massachusetts. Its purpose is to provide education, information, and organization to those interested in woodturning. We meet on the 4th Thursday of every month at the Woodcraft Store in Woburn, MA. Memberships are on a calendar basis from January 1st through December 31st. Annual dues is \$20 per person.

President: Ken Lindgren
(781) 762-4066
kenlindgren@norwoodlight.com

Vice President: Bobbi Tornheim
(781) 862-4359
tornheim@rcn.com

Vice President: Joanne Van Pelt
781-365-3473
sweetpeanh@yahoo.com

Treasurer: Peter Priestner
(978) 256-4648
ppriestner@comcast.net

Secretary: Gary Bashian
(978) 266-1068
garybashian@hotmail.com

Librarian: Richard Vose
(978) 667-7589
rvose@netway.com

Newsletter Editor: Peter Teubel
(508) 662-4932
pteubel@comcast.net

All material copyright ©2004 by the Association of Revolutionary Turners. Reproduction or use without permission is frowned upon, while asking for permission and giving us credit is encouraged!