

Next Meeting:
September 20, 2005 7:30 PM
The Woodworking Shop
3141 Capital Blvd

September 20th TWA meeting
Ron Johnson
presenting Shaker boxes

Ron Johnson is past president and long-time contributor to TWA. Ron's presentation will be a new edition of his popular "Introduction to building Shaker boxes". Ron will explain and demonstrate how to construct these popular craft items. After watching Ron, I'm sure that you would consider giving boxes as gifts to those special family members.

Shaker Box Workshop
September 24th and 25th

For those who want more information and guidance, Ron will offer a Saturday and Sunday workshop where he will lead us through the construction of our own Shaker box. Fee \$40 includes I materials to make a Shaker box) Host: Jeff Leimberger

Toys For Tots 2005

I finally have all the club workshops committed to dates. They are:

Diane and Sue Eckard in Creedmoor -- Sept 17th and 24th.

Bill Anderson in Chapel Hill -- Oct 15th

Dave Mackie SW Raleigh -- Oct 22nd and Nov 19th

Home Depot N Raleigh -- Nov 5th.

All workshops are on Saturdays and run from 9 AM until 4 PM except Bill's which is 9 AM until 9 PM. By the time you read this I hope to have called everyone that has signed up to help. For those of you that have not yet signed up and find you can spend a few hours just give me a call or e mail me with your preference. We need more help!

When you choose to participate you will get to

know new friends as well as feel good about helping the most in need in our community.

If you are having a private workshop or just making a few toys and need some supplies give me a call. We have thousands of wheels.

Fred Ford, 469-9575, fredford@nc.rr.com

Another Web Resource
for NC Wood Workers!

If you received this month's newsletter electronically, you should have noticed a link to a website for North Carolina Woodworkers.

<http://www.ncwoodworker.net/forums/index.php?referrerid=53>

This is a free "interactive" web site. Meaning the more members, the more information, chats, and exchange of ideas taking place. One of our members, Steve Cole, is the moderator for the site. There are forums available for a number of interests. For example: General Woodworking, Hand Tools (and Power Tools) and their Use, "Where can I find...", "Where can I buy...", "Buy / Sell Wood" (and tools!). I have also heard initial rumblings that some of the commercial members may begin offering discounts to members of the website! You can also upload pictures of your own woodworking projects (or anything else you like) and have them available to be viewed immediately. Looking at others projects, you can also get ideas for your own! My experience to date has been very positive. Several have given me positive feedback and comments on some of my project pictures I have posted. Take a few moments and check it out. Rick Cornell

TWA meeting Annual Auction
November 15th

There are only two months until our popular annual auction! The rules and procedures will be the same as in previous years. We will need to register our sale items prior to the auction date. Complete information and a registration form will be in the October newsletter. Call me if you have questions.

Ed Karolak, 919-383-4233

About the Triangle Woodworkers Association

The Triangle Woodworkers Association (TWA) is a nonprofit educational corporation. The TWA is dedicated to teaching woodworking techniques through seminars, classes, and workshops; participants are required to sign waivers absolving liability for TWA or its designated representatives. The TWA promotes woodworking education and community interest in woodworking and in general sharing a love for wood.

Club Officers and Committee Chairmen

Executive Board

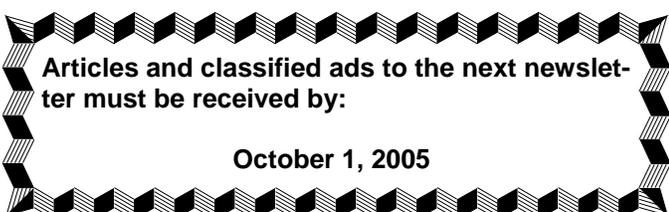
President: Rick Cornell or 919-270-0650
 Trianglewoodworkers@yahoo.com
 Vice President: {vacant}
 Secretary: Bill Anderson, (919) 932-6050
 willarda@mindspring.com
 Treasurer: Robert Foss, (919) 782-6472 or
 fossrg@hotmail.com
 Members at Large:
 Dick Courtney, Sig Johnson, {vacant}

Committee Chairman

Program: Cecil Raynor, (919) 870-0508 or
 raynorc@bellsouth.net
 Nominating: Fred Ford, 919-469-9575 or
 fwford@bellsouth.net
 Toys for Tots: Fred Ford, 919-469-9575
 Newsletter: Rick Cornell, 919-270-0650 or
 trianglewoodworkers@yahoo.com
 Library: Kay Baker, 919-662-8504
 Publicity: Ron Johnson, 919-544-2021
 Sponsor: Ed Karolak, 919-383-4233
 Hospitality: Kay Baker, 919-662-8504
 Internet: Jim Kroeger, (919) 362-5741
 Mentor: Dave Mackie, 919-859-2600 or
 mackieevad@aol.com
 Photograph: Ron Heidenreich, 919-848-1134
 Membership: Rick Cornell or 919-270-0650
 Trianglewoodworkers@yahoo.com
 Audio: Tom Revelle, 919-387-8286

TWA News is published monthly by the TWA and is mailed to members, sponsors, and associates. If you are interested in contributing articles, please send to:

Triangle Woodworkers Association
 P.O. Box 4206
 Cary, North Carolina 27519-4206
 or trianglewoodworkers@yahoo.com



Treasurer's Report				
TWA Treasurer's Report				
01SEP04 - 31AUG05				
	AUG05	Fiscal YTD		FY2005
	Actual	Actual		BUDGET
Beginning Balance	6244.39	6330.39		
INCOME				
Dues	351.00	4,696.00		6,000
Misc. Income Souces		54.50		
TOTAL INCOME	351.00	4750.50		6000.00
EXPENSE				
Workshops/Programs		3,524.41		4,450
Income				
Auction		300.00		300
Web Hosting				0
Newsletter	47.63	730.18		825
Membership	28.87	94.64		175
Administrative & Board		127.34		200
Meeting Equipment				100
Meeting Supplies	11.22	22.78		100
Library		423.54		650
Toys for Tots				200
TOTAL EXPENSES	87.72	5222.89		7,000
Ending Balance	6507.67	6593.67		-1000
<i>Respectfully submitted, Robert Foss</i>				
Notes:				
1. Dues Income incl. JUL05 \$25 non-negotiable check now signed				

2006 Show Dates

Bruce Wrenn has shared the following woodworking show dates with us. In the past, several members have car pooled to these shows. If you are interested in going, please speak up and we'll see if others would like to go as well. With the price of gasoline now a days, it would be a great idea to share the ride!

Carolina Wood Expo, Greensboro: February 16th and 17th.
 Woodworking Show, Charlotte: February 17th – 19th.
 Woodworking Show, Chantilly (DC): March 24th – 26th.

Reminder to TWA Board members—the budget meeting will take place at Rick Cornell's home, September 19th at 7:00 pm. Bring your 2006 proposed budgets and be prepared to complete the budget.

**Triangle Woodworker's Club Meeting Minutes
The Woodworking Shop
August 16, 2005**

Rick Cornell opened the meeting at 7:30.

Attendance: 55

New members:

1. **Mike Larson**, new member recently of Rochester, NY
2. **Barry Roebuck**, guest

Business:

1. **TWA Auction. Ed Karolak** stated that the auction was in 3 months. Members need to get their goods registered before the meeting. Details will be forthcoming regarding this. Ed also solicited feedback regarding member experiences with sponsors.

2. **Finishing Class. Cecil Raynor** has prepared notes from the finishing class. Members might have to wait until Terry publishes her forthcoming book in order for her to protect her copyright.

3. **Shaker Boxes workshop. Jeff Leimberger** indicated that there would be a demonstration at the next meeting, and then a workshop on the 23rd for a cost of \$35.

4. **Frank Klausz workshop.** The October meeting will be on the 3rd Friday of the month (October 15) for a demonstration by Klausz. A workshop will be on the following weekend. The cost of the workshop will be \$75 for both days. However, the format of the workshop has not been finalized. It may be a 2-day program on making a dovetailed box or it may be a demonstration on separate days (in which case the class fee will be by the day). The enrollment for the workshop will be determined by lottery, with a signed check for \$75 being the "lottery ticket". Checks must be in Jeff's hands by the end of the September meeting. Enrollment may be as high as 20 members. A standby list will be maintained.

5. **Plastic Laminate. Bruce Wren** indicated that the Habitat for Humanity outlet in Raleigh has very cheap Formica for sale. Useful for many projects in the shop.

6. **Website.** A website is being organized for the general public use. This is not a TWA sponsored site. The site is being organized by a TWA member as a place for woodworkers to display information or get questions answered. The site will be advertising free. Details will follow on this.

7. **Elections. Fred Ford** conducted the elections to install Cecil Raynor, Pete Caspar and Fred Ford as members of the TWA Board.

8. **Toys for Tots. Fred Ford** updated the membership on the TFT program. The exact dates of the workshops are still being determined.

Program: Freud Sawblades

Russ Brenner of Freud Sawblades conducted a program on sawblades in general. Russ is the account manager for the Southeast for Freud. Russ demonstrated and passed around examples of many types of blades useful to the woodworker. He also had a great set of handouts. Russ talked about general "rules of thumb" about numbers of teeth/blade and blade height:

1. Ripping. The blade should be set so that 3-4 teeth are working in the cut at one time (this means the number of teeth actually cutting the wood as opposed to just being in the kerf). Rip blades typically have a larger gullet to store up fiber prior to ejection on the underside of the workpiece.
2. Cross cutting. 5-8 teeth working in the wood.
3. Blade height: one full carbide tooth should be exposed or alternatively to the bottom of the gullet. Blade height will directly affect the quality of the underside cut.

There are basically four types of tooth geometry:

1. ATB. Alternate top bevel. Crosscutting grind. Gives a shear cut.
2. FTB. Flat top bevel. The grind for a rip cut
3. Combination Grind. A blade with four ATP teeth followed by one FTB grind. A compromise bevel to allow both rip and cross cut cutting.
4. TCG. Triple chip grind. A grind for man-made sheet goods, double sided melamine, etc.

Several blades were of general use for woodworkers:

1. Glue line ripping blade. LM74R010. 30 teeth, 12° hook, 1/8" kerf. Triple chip grind.
2. Precision crosscut. LU80R012. 96 teeth, 2° hook, 1/8" kerf. High ATB grind.
3. Thin kerf combination. LU83R010. 50 teeth, 10° hook, 3/32" kerf. Combination grind with the FTB right behind the gullet.
4. Miter saw cutoff blade. LU85R010. 80 teeth, 10° hook, 1/8" kerf. ATB. Respectfully submitted,

Bill Anderson, Secretary

Estate Tool Sale

The estate of a long time tool collector and woodworker (name withheld by request) has asked us to conduct a sale of his antique & traditional wood-working tools, general workshop tools, older and modern power woodworking tools, wood and related items.

Saturday, September 24, 2005 from 8 am to 3 pm. **NO Early Sales or Viewing** Terms: **CASH ONLY, No returns, all items sold "As Is"**

A partial list of items include a very larger number of planes by Stanley, Miller Falls, Sargent, Fulton, Union and others: 2's, 3's, 4's, 4 ½'s, 5's, 5 ¼'s, 5 ½'s, 6's, 7's, 8's, 10's, 10 ½'s, all sizes of transitionals, 39's, 40's, 40 ½'s, 48's, 49's, 50's 1/2's, 148's, 171, 191, 180's, 182's, 248, 278, 289, circular planes, block planes, scrapers, routers, bead-ers, spoke shaves, Buck Rogers, etc. Many simple and complex molders plus a full matched set of hollows and rounds. Boring machines and bits, chisels, carving tools, drills, augers, hand drills, adzes, saws, bow saws, saw sets, levels, rules, post drill, forge, Fisher 75# anvil, blacksmith tongs, augers, plow planes, drawknives, plumb bobs, marking gauges, broadax, etc. Many newer versions of planes by Stanley, Record and others. Some items still in the box.

Many older electric tools such as routers, sanders, jigsaws, etc. Older Delta radial arm saw, Atlas wood lathe, Buffalo Forge drill press, and Craftsman scroll saws. Several vices including an Em-mer patternmakers vice. New Craftsman 12-inch planer/molder, 6-inch joiner and shaper. Some newer electric hand tools. Craftsman 14 in band saw. Plenty of accessories such as turning chisels. Wood of various lengths, types and width. Good selection of clamps of all types. Many general shop tools such as screw drivers, pliers, hammers, wrenches, drill bits (wood and metal), carving chisels, hammers, etc.

Everything will be priced to sell

Stanley and other 3's, 4's, 5's & transitions from \$10.

There are too many items to list and we are still opening boxes. Please no calls before September 17. Ray Hoke (919) 876-8512 or rayhoke@cs.com or Ed Hobbs (919) 828-2754 or hobb-[sed@portbridge.com](mailto:ed@portbridge.com) Sale will be held at Ed Hobbs' place at 4417 Inwood Road, Raleigh, NC. Take I-40 exit 297 in Raleigh. Go south on Lake

Wheeler Road (towards lake and away from Raleigh) about 3 miles (cross over Tryon Road). Turn left on Inwood Road.

Don't miss this sale, as it will be an excellent opportunity for users, collectors, dealers and others to buy a wide selection of tools at very good prices.

President's Corner

At last month's meeting, I mentioned an "opportunity" involving an email I got regarding free veneer. As it appeared in the email account used for our club, I was naturally suspicious. However, I did respond and received some additional information. Essentially the individual was offering free veneer to woodworking guilds who might have use of it. I discussed it with the Executive Board, who felt we really did not have projects that would benefit from the offer. So, I emailed the gentleman and let him, that we would not have use of it as the only real "club projects" we had were the Toys for Tots program. In a moment of deja vue, reminded of speaking to my kids, he replied with "Great! Let me know of an address where I can send it." Long story short, about a week ago a box about 3 feet long, 2 feet wide and 8 inches high was left at my house by UPS. I opened the box up and found a nice selection of pieces of veneer. Looks like some cherry, walnut, maple and some exotic that I have no idea what it is. These pictures are of the groups that will be given as door prizes at the next meeting. I would like to try something different this time. Each member will be given a ticket and they can put it into a container next to the group of veneer they would like to have a chance to win.

In closing, please take note of the schedule for the Toys for Tots workshops Fred has provided this month. We have nearly 230 members in the club. If each member made just 10 toys, we could contribute over **2,000** toys to the program. Breaking that down, in the time remaining this year, that comes down to about 1 toy per week. Think about it! I have a few in progress and am planning on attending the November 5th workshop. It would be nice to see a lot of you at the workshop, and then hear about having too many show up at the others!
See you at the meeting!

Rick Cornell

Candid Shots from the August Meeting and Workshop
-courtesy of Ron Heidenreich



Top 4 photographs—Freud Representative, Russ Brenner extolling the virtues and even harmonics of the various Freud blades available to woodworkers. A special word of thanks was due Russ as he provided a new Freud blade as a door prize. Lower left hand corner—member Steve Cole explaining how moderating his website www.ncwoodworker.net is a “slam dunk”. Acting President, Rick Cornell, as most of-ten seen—with his mouth open!

Quality Saw Blades at A Discount

Leitz, a well known German firm, has surplus blades for sale. These blades were originally made for Delta (Professional Series) and Irwin. Both of these companies have been bought by Black & Decker who produce blades under the DeWalt brand, so now Leitz had blades that bear the names Delta & Irwin for sale at a steep discount. Prices are F.O.B. from their warehouse. Approximate shipping is \$7.00 for the first blade with each extra blade \$1.00 more. Quantities of 10 or more to the same address get free shipping. A Delta 50 tooth combination (1 raker, 4 ATB) is \$24 or about half prices. Perhaps we could get an order together. To view a complete list, go to Woodnet.net/forums. Under the For Sale section, do a search of the name xcess tooling during the last 8 weeks. (August 6th – August 13th). Call me if you are interested. Bruce Wrenn, 362-0878. If you noticed ads for Schumacher's variable pitch blades, Leitz also makes these.

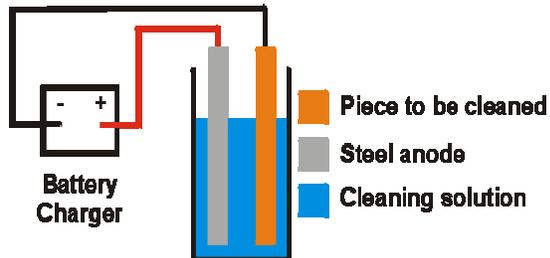
Rust Removal

Contributed by Bruce Wrenn

At the August meeting I passed around a pair of side cutters that had been laying in a client's yard since last summer. I used electrolysis to remove the rust. Because water is non-conductive, you have to add an acid or base to change the PH. I have used vinegar or washing soda to do this. Washing soda is available at Kroger. It is with the fabric softeners, not the detergents. The brand is Arm & Hammer and it comes in a 3 lb. 7 oz. box. To perform electrolysis, you will need a plastic container large enough to hold the item that you want to remove rust from and a sacrificial anode (a piece of steel rebar, old saw blade, etc. but NO stainless steel!); a battery charger (10 amp or less); and enough electrolyte to cover the items being cleaned. To make your electrolyte, dissolve about ¼ - ½ cup of either vinegar or washing soda (but not both!) per gallon of water. Fill your container with electrolyte solution to a depth to cover the item to be cleaned. Connect the positive lead from the battery charger to the anode, and the negative lead to the item to be "de-rusted". Place both anode and item to be cleaned into the electrolyte so-

lution, close together, but NOT touching.

WARNING: Because of off-gassing, this should be done outdoors!



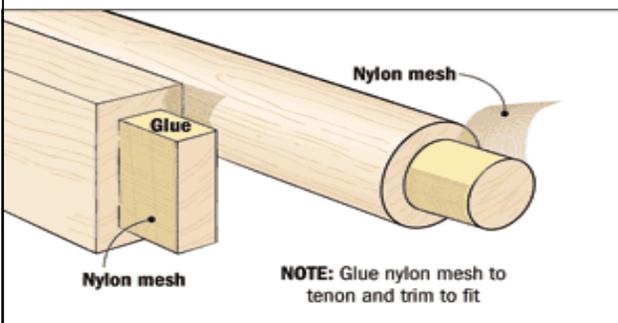
Turn on the battery charger. Because the electrolyte turns black, don't do this in one of your wife's Tupperware containers. Black residue will stain concrete, too! After about 24 hours, you will see a true "witch's brew". Unplug the battery charger, remove item from the electrolyte and rinse with water. Dry and apply a protectant. Pour the "witch's brew" onto an area of the lawn that will not be seen, or into a natural area. You may have to repeat this procedure to get rid of all of the rust. For something as large as a tablesaw top, use a wading pool!

Loose Tenon Fix

There's a quick and easy way to repair tenons that fit too loosely in the mortise, be it an old piece of furniture or a brand new project. I cut an old pair of nylon stockings into small sections to fit around the tenon. The nylon mesh wraps easily around any shape of tenon, and the mesh provides a good gluing surface. Plus, the nylon mesh usually provides just the right thickness to make the tenon fit snugly in the mortise.

Good woodworking,

Wyatt Myers, Online Editor, *Workbench*



TWA Sponsors

Ashcroft Saws and Tools 876-3223
3216-G Wellington Ct, Raleigh, NC
25% off list on blades and 10% off on sharpening

Capitol City Lumber Co. 832-6492
4216 Beryl Road, Raleigh, NC 1-800-244-6492
Special prices to TWA members
<http://www.capitolcitylumber.com/>

Stock Building Company 828-7471
3000 Yonkers Rd
Hwy. 64 & Old US 1

Klingspor's Woodworking Shop
(919) 876-0707
3141 Capital Blvd. (.9 mile N of Beltline exit 11)
(10% discount excluding lumber and power tools)
www.woodworkingshop.com

Raleigh Hardwood Center 231-6620
4213 Poole Rd, exit 15 off 440 Raleigh, NC
(10% discount all non-sale items)
www.hardwoodgroup.com

Raleigh Saw 832-2248
5805 C Departure, Raleigh, NC 27616
(10% discounts on all new products)

Yarnell-Hoffer Hardware 942-3500
145 Rams Plaza, Chapel Hill, NC
www.doitbest.com/yh
10% discount except power tools and sale items

Tarheel Wood Treating Co. 467-9176
Highway 54, Morrisville, NC
(Contractors prices on all wood products)
Show TWA card before order is written

The Hardwood Store 1-888-445-7335
Gibsonville, NC
Discount: 10 cents per board foot
www.hardwoodstore.com

Woodworker's Supply of NC
1125 Jay Lane, Graham, NC
(Wholesale prices)
store (336) 578-0500
mail order 1-800-645-9292
www.woodworker.com

Professional Tool Manufacturing
www.drilldoctor.com
25% Discount for online purchase of any Drill Doctor. Must use coupon code: TWAi
Contact wms@protoolmfg.com with any questions.

Guy C. Lee Building Materials 362-1444
900 N. Salem St., Apex, NC

Home Depot does not provide discounts, due to company policy, but they support our Toys For Tots program by providing space and materials. They deserve our support.

\$Classified Ads\$

Classified ads are free to all current members. Ads will run for two issues. If you would like something listed, please send a note to the editor at: TriangleWoodworkers@yahoo.com

Wanted - Old style, open frame electric motor. Must be single phase. Prefer 1/4 to 1 hp. Will power demonstration line shaft display. Contact Ed Hobbs, 919-828-2754, or email: hobbsed@portbridge.com (11/05)

Wanted: A Performax or Delta drum sander, molding machine by W&H or Shopfox, and spray equipment. Please contact Kay Alexander. 919-219-1177 or email: kay_alexander@bellsouth.net (11/05)

For Sale: Used 200A meter base—bottom knock outs gone, \$25. 200A 20/40 Siemens Panel, \$75. Contact Ed Mastin 919-493-5179 (11/05)

For Sale: Ridgid radial arm saw with moulding package. About two years old and fewer than two hours on the motor. Three cuts in the table! Includes printout of RAS e-book and VHS video: Radial Arm Saw Joinery with Curtis Erpelding. \$425. Jason 782-0924 or jwf@pineapplelane.com. (11/05)

For Sale:..Two GRIZZLY 2 hp single stage dust collectors with after market bags. \$150 each. Wood lathe, Woodtek (Woodworkers Supply) 12" VS. Very good condition. New cost is \$1239. Sell for \$700. HTC mobile base for a PM66 cabinet saw with 50" fence extension. Retail \$189. Sell for \$90 All items are in Durham, near RTP. Call owner in Roxboro (1-336-599-4563); ask for Joe. (11/05)

Interested in antique/traditional woodworking tools? To find out about Mid-West Tool Collectors Association, contact Ed Hobbs at 828-2754 or hobbsed@portbridge.com (99/99)

TWA

Membership Application

Complete and mail to:

Triangle Woodworkers Association
P.O. Box 4206
Cary, North Carolina 27519-4206

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

Spouse's name, if joining (fee is \$1.00): _____

Skill level: Beginner [] Intermediate [] Advanced [] Professional []

New member- email newsletter \$30.00 []

New Member – hard copy newsletter \$35.00 []

Renewal – email newsletter \$25.00 []

Renewal – hard copy newsletter \$30.00 []

Check # _____

Cash Amount _____ (Do not send cash through mail!)

Privacy Opt-Outs: Please Do NOT Publish My [] Phone Number [] Email Address on Membership lists. (Note: This means your phone and email information will be used only for club correspondence by club officers and committee chairman)

MEMBERSHIP EXPIRED? Check the mailing label, for the expiration date of your membership. If it says EXPIRED, please contact our membership coordinator to renew. You may receive several newsletters past your expiration date and then no more. If you have a question about your membership, please contact Rick Cornell (919-319-9980).

Triangle Woodworkers Association
P.O. Box 4206
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