

# TWA News

Volume XX  
Issue 12  
December 2003

Newsletter of the Triangle Woodworkers Association

**Meeting Date:  
December 9th, 7:30 PM  
The Woodworking Shop  
3141 Capital Blvd**

**Special Date  
December 9th Meeting  
Social and Toys For Tots Presentation**

Toys for Tots Show and Tell and Social. The December meeting is going to be a meeting and social. We want everyone to bring a spouse or friend.

We are going to have coffee, soft drinks, and dessert. We will have some time to socialize, a brief business meeting, and a show and tell featuring the Toys for Tots donations.

Everyone is also encouraged to bring items they have made to show to the members and guests. The Marine Corps will be there to receive the toys and to add a spot of color to our meeting. Hosted by Hal Liberty telephone 787-7603.

**Friday, January 16th meeting  
Veneering – presented by Darryl Keil**

Veneer is increasingly popular for the wide selection of wood species and figures it offers the furniture maker and for the design freedom it brings by diminishing the constraints of wood movement. As woodworkers, we need to acquire the skill to transform veneer from its raw state into beautiful, finished panels. As we proceed, you will learn about basic book matching, four-way matching and radial matching, and short-grain borders in straight and circular patterns. In addition, you will learn to know the tools and techniques involved in creating different types of inlay. The Friday meeting will introduce the subject and the workshops will allow you to start developing needed skills. Darryl Keil is a leading expert on veneer work. He has made two excellent videotapes on the subject, *Working With Veneer* and *Working in a Vacuum*, and writes for *Fine Woodworking*. Darryl began making furniture in 1976 and was a pioneer in the application of vacuum pressing technology to woodworking. His company, Vacu-Pressing Systems, operates out of Brunswick, Maine. The web address, is [WWW.vacupress.com](http://WWW.vacupress.com). He also has a great question and answer forum there Hosted by Fred Ford Telephone 469-9575 and Robert Foss.

**Refreshments and Snacks  
Needed for December Meeting!**

We need volunteers to bake, buy and bring snacks for the December meeting. Soft drinks will be provided, but we need members, spouse and friends to spoil us rotten with the goodies. Please bring them to the meeting. Call Hal Liberty at 787-7603 if you have any questions.

**Toys for Tots Program  
We need your help for the stretch run!**

Because I decided that every toy should be painted or varnished, we have not been able to finish as many as I would have liked. We have at least a 1000 toys that are finished and another 1000 that are at various levels of production. I am having a workshop on Saturday, December 6, to try to complete as many as we can. I will have a lot of high school students that will do the varnishing and the adding of wheels. However, I can use wood workers to do sanding, drilling and round-over operations.

I will also have another workshop on December 13. I am sure that the Marines will still take every toy that we can make.

On December 1, I am taking many toys to the Millbrook exchange so that the seniors can paint and assemble the toys. On December 7, I will have a group that will pack the toys and inspect for loose wheels.

During the next two weeks, I will be at my workshop from 9:00 to 4:00. I will be assembling airplanes. I will also be assembling cradles that are being distributed by Triangle Family services. Call me or email me if you want to help during the week and/or the Saturday workshops..

-Hal

**Veneering Workshops will be offered featuring Darryl Keil January 17th and 18th.. For more information see page 3!**

## About the Triangle Woodworkers Association

The Triangle Woodworkers Association (TWA) is a non-profit 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: Hal Liberty, 919-787-7603 or hal\_liberty@hotmail.com  
 Vice President: Bob Gabor, 919-542-5951 or rjgwood@mindspring.com  
 Secretary: Kay Baker, 919-662-8504, kaybaker@nc.rr.com  
 Treasurer: Noel Butzke, (919) 233-2905  
 Members at Large: Dick Courtney, Robert Foss, Sig Johnson

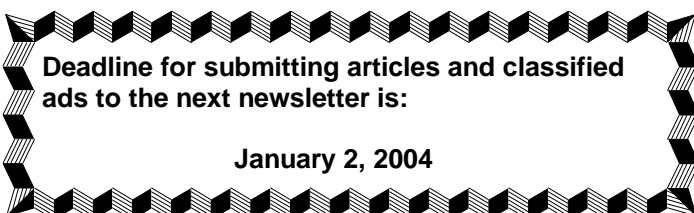
#### Committee Chairman

Program: Bob Gabor, 919-542-5951 or rjgwood@mindspring.com  
 Nominating: Fred Ford, 919-469-9575 or fwford@bellsouth.net  
 Toys for Tots: Hal Liberty, 919-787-7603  
 Newsletter: Rick Cornell, 919-319-9980 or trianglewoodworkers@yahoo.com  
 Library: Kay Baker, 919-662-8504  
 Publicity: Ron Johnson, 919-544-2021  
 Sponsor: Ed Karolak, 919-383-4233  
 Hospitality: Jim Morrison, 919-851-4384  
 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 919-319-9980 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 27510-4206

or trianglewoodworkers@yahoo.com



## President's Piece

This has been a great year for TWA. If one reads the TWA brochure that lists all the things that TWA does and provides, we have definitely done or exceeded every item on the list. We have had excellent education programs. Every one has had the opportunity to enhance their technical knowledge. Members have had the opportunity to pass on their knowledge. TWA has an excellent library that is constantly expanded. We have had an outstanding public service program with the 'Toys for Tots' program as the main effort. I am sure that I am not the only one that looks forward to the TWA monthly meetings.

I wish to thank all the members who have made this year so successful. May everyone have a happy holiday and may next year be as good or better than this year.

Hal

### Treasurer's Report

Balance 11/1/03 \$7,065.43  
 Income \$506.00  
 Expenses \$235.88  
 Balance 11/30/03 \$7,335.55

Respectfully submitted,  
 Noel Butzke, Treasurer

#### TWA Financial Report As of 11/30/2003

	Nov Actual	YTD Actual	2003 BUDGET
<b>Beginning Balance</b>	7065.43	4917.55	
<b>INCOME</b>			
Dues	506.00	5,041.00	6,750
<b>TOTAL INCOME</b>	<b>506.00</b>	<b>5041.00</b>	<b>6,750</b>
<b>EXPENSE</b>			
Workshops/Programs	179.00	705.35	2,000.00
Newsletter	74.88	566.76	1,500.00
Equipment	0.00	63.81	600.00
Insurance	0.00	0.00	1,000.00
WEB	0.00	300.00	360.00
Meeting Exp	0.00	57.00	140.00
Administrative	-18.00	504.92	300.00
Library Exp	0.00	425.16	650.00
Toys-Tots	0.00	0.00	200.00
<b>TOTAL EXPENSES</b>	<b>235.88</b>	<b>2623.00</b>	<b>6,750</b>
<b>Ending Balance</b>	<b>7335.55</b>	<b>7335.55</b>	

## **TWA Meeting Minutes Tuesday, November 18, 2003**

Hal Liberty, President, called the meeting to order at the Woodworking Shop on Capital Blvd. at 7:30 p.m.

Ed Hobbs informed the group about the Midwest Tool Collectors Association. For more information you can call him or Ed Karolak.

Hal Liberty gave an update on the Toys for Tots program. He has had quite a few different groups other than woodworkers to participate in completing the toys after the initial step of cutting the wood. He brought several samples for the group to see. The Marines will be at the December meeting to pick up the toys for distribution to needy children.

The annual auction was held by Phil Bright and Dick Snow.

The meeting was adjourned at 9:00 p.m.

Submitted by Kay Baker, Secretary

## **Don't Throw That Wood Away Second Edition**

Recently I was in the local Home Depot (one of my favorite places to be) and happened to see a bunch of 1" x 8" cut offs in the trash by the saw. I explained about Toys for Tots so they let me have the wood. Well, it turned out to be 18 pieces each being about 12" long. I figure that will make about 72 cars. So . . . keep your eyes open for those pieces wherever it might be. Construction sites would be good or a friend adding on a room. Don't let it go to waste.

Remember – *Junk is something you've kept for years and throw away three weeks before you need it.* -Kay B.

*Sign up sheets for the workshops will be available at the December meeting. Cost for individual workshops is \$30. Save money by attending both for \$50 total! Workshops Hosted by Fred Ford Telephone 469-9575 and Robert Foss*

## **Library Tidbits**

The process for borrowing items from the TWA Library is quite simple. Each item has a circulation card. In a book it's in the back (just like a public library) and in a tape it is inside the case. If you are registered with the library just fill in the current date, sign your name and put the card in the little wooden checkout box. The item is due at the next meeting. The registration with the library is mainly so that I have your signature to match with the circulation cards when I can't read what someone signed and to be able to see that you are a member in good standing.

When you are not able to make the next meeting items can be returned to the Woodworking Shop any time they are open. Turn it in at the front desk and they will put it in the return box that is kept in the back of the store with our supplies. Another option is to turn it in to Bill Baker at the UPS Store, next to Stride Right in Village Square in Cary (adjacent to Cary Towne Mall). He will bring it home to me.

The fine for late items is \$2.00 the first month, \$5.00 the second month and \$10.00 the third month.

--Kay Baker, Librarian

## **Saturday, January 17th workshop An Introduction to Veneering**

Darryl will present and guide you through the process of working veneer. The tools and techniques needed to flatten, cut, and tape veneer, are covered different kinds of glues and substrates as well as pressing with a vacuum press. Each participant will practice these techniques and end up creating a four-way matched veneer face.

## **Sunday, January 18th workshop Veneering the Next Step.**

Darryl will continue four-way matching and proceed with inlay, shortgrain borders, twelve-way matching. Techniques for making curved panels, as well as advanced vacuum bagging of shaped parts, will also be covered. Please note that, as usual, the exact items covered may vary depending on the skill level and interest of attendees. Just come prepared to have a fun day.

**Candid shots from the Annual Tool Auction. Courtesy Ron Heidenreich**



**October Bandsaw Program Bibliography**  
**-Bruce Wrenn**

To figure blade tension, multiply the blade width by its thickness, times desired tension. For example: ¼" blade; 0.025 thick; 15,000 PSI tension.  $0.25 \times 0.025 \times 15,000 = 93.75$  lbs of tension.

To get a true width of blade, use a pair of dial calipers to measure at the gullet of the teeth. My ¼" bi-metal blade actually measures 0.190 or approximately 75% of ¼". Using this measurement, our formula is now  $0.190 \times 0.025 \times 15,000 = 71.25$  lbs of tension. The bandsaw frame needs to handle twice this tension as we will tension both sides of the blade.  $71.25 \times 2 = 142.5$  lbs. Most stock bandsaw springs can't produce this tension. Use a replacement spring from Iturra Design or Carter (Woodcraft #144967). My Timberwolf ½" blade measures 0.381. It requires approximately 143 lbs x 2 or 286 lbs of tension.

**Sources and Supplies**

Urethane Bandsaw Tires: Klingspor's Woodworking shop, Iturra Design, Woodcraft, Rockler. (Check all sources as prices vary widely.)

Wheel shims: Iturra Design

Replacement Bearings: (Always use sealed bearings.) Dixie Bearings, Grainger, Iturra Design

Cast Iron Pulleys: Agri Supply, Grainger, Grizzly, Iturra Design

Fenner Link Belts: Klingspor, Woodcraft, Grainger, Iturra Design. (Watch out for cheap Chinese imitations from other sources.)

Bimetal Blades: Woodworker's Supply, Iturra Design

Timberwolf Blades: Klingspor, Suffolk Machinery, Woodcraft

Welded to length blades: Dillon Supply, Ashcroft Saw, Raleigh Saw, Woodworkers Supply, Suffolk Machinery

Bandsaw Tension Gauges: Iturra Design (\$135 - \$320), See Fine Woodworking #147 – Make a better tension gauge. Also in Care and Repair of Shop Machines.

Dial Calipers: Harbor Freight. 6" Dial (Item 5658) \$14.99 on sale. 6" Digital (Item 47257) \$19.99 on sale

**Bandsaw Tune-up**

Books: Care and Repair of Shop Machines – John White  
Bandsaw Handbook – Mark Duginski  
The Bandsaw Book – Lonnie Bird

Videos: Mastering Woodworking Machines – Mark Duginski  
Master the Bandsaw – Mark Duginski  
Small Shop Tips – Jim Cummins

Fine Woodworking, August 2002, Bandsaw Tune-up guide

**Worth Writing For:**

Iturra Design 2003 Bandsaw Accessory Catalog. 1-800-722-7078. Email: KALL@AOL.COM. (More information than you thought was known about bandsaws.)

Suffolk Machinery, 1-800-234-7297. On the web: [www.suffolkmachinery.com](http://www.suffolkmachinery.com). Visit their website for all kinds of information about bandsaws.

## Trade Shows – Why Go?

-Bruce Wrenn

Often I hear people say they don't go to the shows because they are meant for the professional. Hobbyist woodworkers can benefit from trade shows. You never know when you will find the answer to a problem or a tool that is just what you are looking for. Below is a list of shows that I know of for 2004.

February 4, 5, 6: Southern Farm Show.  
State Fairgrounds, Raleigh. Farm Machinery and Bandsaw mills.

February 19 & 20: Carolina Wood Expo.  
Greensboro. Serving the furniture and cabinet making business.

March 12, 13, 14: The Woodworking Show.  
Charlotte.

March 19, 20, 21: The Woodworking Show.  
Washington, D.C. Why not go to the show on Saturday and to the Renwick Museum on Sunday.

August: A.W.F. Biggest show on  
east coast. Held every two years.

October: Klingspor Extravaganza.  
Hickory. Let's go to the U.S. Saw in West Jefferson on Friday, spend the night in Hickory and go to the Extravaganza on Saturday.

### Washington D.C. & The Woodworking Show March 20<sup>th</sup> and 21<sup>st</sup> 2004

Let's get a group together and go to the show on Saturday, March 20<sup>th</sup>, and into Washington on Sunday, March 21<sup>st</sup>. We would leave Raleigh about 6:00 AM on Saturday and arrive in Springfield, VA at 11:00 AM. We would check in at our hotel, have lunch and then go to the show. (About 25 miles away). There is a large mall in Springfield and the Potomac Mills Mall is about 11 miles away, so bring your spouse. Rooms at the Hilton are currently \$85.00 per night and \$125.00 per night at the Hampton Inn. On Sunday morning we could take the Metro into D.C. and go to the Renwick (or other) Museum on Sunday until about 3:00 PM. Then we would leave for Raleigh, stopping for dinner in the Richmond area, arriving back in Raleigh about 9:00 PM. For more information call Bruce Wrenn at 919-362-0878.

## Bruce's Bits



Truism: There are four stages in a man's life: First he believes in Santa Claus; Second he doesn't believe in Santa Claus; Third he is Santa Claus and Fourth he looks like Santa Claus. (If you don't believe this, look at Charlie Main, Wilson Lamb or myself, Bruce Wrenn.

Are you really taking advantage of the sandpaper box at the Woodworking shop? I get rolls of paper that are 4 1/2" wide or wider and trim them for my PC 330 sander. Also, I use a dry-wall circle cutter (Home Depot about \$9.00) to cut disks for my disksander. User either spray or disk adhesive to attach them. Cost me about 50¢ each instead of \$3.00 each pre-made with P.S.A. Using a mandrel I make flap sanders also.

Bargain of the Month -

Freud SD208 Dado Set. 69.99 at Tool Crib. Free shipping. Lowes will price match, but be sure and take your Tool Crib catalogue with you.

With New Years approaching, make a resolution to do something new (learn to cut dovetails, sharpen a chisel, finish a project, clean your shop, etc.)

If you are building a gift for someone special this Christmas, why not put a date on it. Use a 3/4" Forstner bit to bore a recess and epoxy a 2003 penny into it.

Til next time!

-Bruce

### Special Sales at Raleigh Klingspor Woodworking Store

Members take note – December 6<sup>th</sup> at the Woodworking Shop, there will be a one day only sale on all Delta Purchases. 10% off any purchase of Delta equipment – plus special rebates. (Check their flier.)

December 12<sup>th</sup> – 14<sup>th</sup>, Jet Equipment and Tools will be having a truckload sale. First 100 customers in Raleigh on December 12<sup>th</sup> will receive a free gift.



## 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/>

Carolina Builders 828-7471  
3000 Yonkers Rd  
Hwy. 64 & Old US 1

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

Klingspor's Sanding Catalog 800-228-0000  
P.O. Box 3737, Hickory, NC 28603  
10% discount excluding lumber and power tools  
[www.sandingcatalog.com](http://www.sandingcatalog.com)

The 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](http://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](http://www.hardwoodgroup.com)

Raleigh Saw 832-2248  
806 McCulloch Street, Raleigh, NC  
(10% discounts on all new products)

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](http://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](http://www.woodworker.com)

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

The following companies do not provide discounts to Members but support TWA and our programs in other ways:

Home Depot

DeWalt Tools

\* \* \* \*

*Members, sponsors and potential sponsors are invited to contact Ed Karolak with their ideas, questions, or concerns at [Ekarolak@aol.com](mailto:Ekarolak@aol.com) or call at 919-383-4233*

### **\$ CLASSIFIED ADS \$**

Classified ads are free to all current members. If you would like something listed, please send a note to the editor at [TriangleWoodworkers@yahoo.com](mailto:TriangleWoodworkers@yahoo.com)

**For Sale:** Shopsmith Mark V w/accessories, \$1700; Craftsman 6" jointer, \$135. Call Peggy Wilson at 919-362-8416 (Apex).

**Lumber For Sale:** Poplar #1 common 70 cents BF, some Clear White & Red Oak 3' to 5' long up to 12" wide \$2.00 BF. Arlin Scott, 967-6017, Chapel Hill.

### **Membership Notes**

**TWA Membership Lists and Privacy Concerns**—Several members have expressed concern with the information contained within the TWA Club Membership Lists that are made available to members. The intent of these lists is to provide contact information for club members who may have questions about woodworking or even looking to share rides with members in their same part of town. Unfortunately, in today's world, information such as phone numbers and email addresses are at times misused. While I have tried to make it as inconvenient as possible to extract this information, nothing is foolproof. To address these concerns, I am offering an "opt-out" feature for members. It will work in this manner: If you do not wish to have your phone number and/or email address appear on any membership list made available to club members, let me know. I will ensure that either or both do not appear. You may contact me via email at [trianglewoodworkers@yahoo.com](mailto:trianglewoodworkers@yahoo.com), phone at 919-270-0650 or sign up at the December meeting. Please indicate which piece(s) of information you wish unavailable.  
-Rick

Membership Application  
Complete and mail to:  
Triangle Woodworkers Association  
P.O. Box 4206  
Cary, North Carolina 27519-4206

Save \$5 when you choose to  
receive the Newsletter by  
email! Contact Rick Cornell if  
you have any questions!

Dues for twelve month period (please check)

New (\$35) \_\_\_\_\_ Renewal (\$30) \_\_\_\_\_

Change of Address \_\_\_\_\_

Label on Reverse Side is Correct \_\_\_\_\_

Note: **\$5 discount** if you receive Newsletter by email \_\_\_\_\_

Name: \_\_\_\_\_

Nick Name (for name tag): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: (\_\_\_\_) \_\_\_\_\_ email \_\_\_\_\_


Spouse \$1 (new & renewal). For spouse membership complete the following:

Spouse Name: \_\_\_\_\_



### 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).*



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