TWA NEWSLETTER

Next Meeting - Tuesday, November 17th, 7:00 PM

Klingspor Store, 3141 Capital Blvd., Raleigh, NC

Simplifying Woodworking Tasks With Jigs and Fixtures

Speaker: Terry Brown
Host: Roger Sanwald

The presentation will focus on ways to maximize both your efficiency and accuracy when using power tools. See newsletter Page 7 for more details.

DUES WERE DUE AUGUST 1st

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TWA General Meeting Minutes

October 20, 2015

The meeting was opened by Pete Bucki, our acting President.

We bid welcome to our guests: Sheldon, who is from New York (35 years of teaching woodworking), and spends about 10 days a month in NC at this time; and Jim Sapp who moved from West Virginia and just joined our club, and was a former member of Valley Woodworkers.

An announcement was made to the members that if you would like to purchase items from the Klingspor store, it would be best to do so prior to the end of the break, the store will close the register at that time.

Alan Leland is teaching a stool class at the Craft Center at NCSU and there is still room for a few more students. He brought a very fine example of a three legged “milking stool” with him. The Craft Center is a terrific place to learn some new skills and brush up on techniques.

Roger Sanwald made an announcement concerning the next meeting and it was an unwanted one! Unfortunately, Michael Fortune has had to cancel in November due to health reasons. We are now looking for a new speaker. Chris Black was a suggested speaker. He was a woodworker at Highland woodworking in Atlanta, and can show us how to make an improved marking and cutting gauge. Members expressed an interest and we plan to contact Chris for a program in 2016. He has a nice website to visit! Meanwhile, Terry Brown has graciously agreed to move his planned 2016 presentation on fixtures and jigs to the November time slot. Program details are posted on the website.

Roger and his wife Judy (our esteemed membership wrangler) just spent some time in New England and toured a couple of schools and Craft Centers focusing on woodworking. If anyone knows Evan Berding or Meredith Hart let’s try to introduce them to our group. They are graduates of the North Bennett Street School in Boston and rumor has it they are making furniture here in Raleigh.

Fred Ford made an announcement regarding Toys-4-Tots. We have some workshops going now, run by members, and we have some outreach groups (kids participation, and prisoners, too). Toys-4-Tots is a charity that appeals to all ages and strata of society.

On Wednesday evening, Dec. 9, the Apex Community Center will be the site of our annual Christmas gathering and Toys-4-Tots collection.

Mike Payst led off the “This is how I do this” meeting. We have 4 stations set up by members in their area of expertise and members will rotate through them in small groups.

- Terry Tenhouse and Michael Peele will demonstrate fixtures. They made multiple fixtures for producing the grooves that made putting their T4T wagons together easier. Designing a production or assembly line allowed them to produce more toys in a shorter amount of time. The fixtures do require thought in advance, and a degree of precision, too, and lots of labelling.

- Jim Kroeger demonstrated turning. From start to finish. He starts off with wet wood first. He starts with a blank that is an inch longer than round. He knocks the corners off. He finds the center with a centering rule and drives a center chuck into the center using a centering ruler. Try to balance the pith on both sides of the lathe and rough out the outside of the bowl. Find the foot and the top edge of the bowl. For a natural edge bowl place the bark side toward the center away from the foot. Then you hog out the inside. Wrap the green wood you have started on in paper and date them. Then jam them on the jam chuck and finish the outside of the bowl with the bowl gouge. Sand the bowl, then mount in the chuck and turn the lip off and remove the waste from the inside. Take the foot off with the spindle gouge. Scrapers are handy for closed bowls.

- George Mills demonstrated uses for computer aided design tools. He uses a computer program to help with his designs. When he built his new deck, he laid it out on the computer to choose the best design and minimize his cutting of composite. He was able to design a collapsible podium on the Computer Aided Design program. CutList is another program that allows you to put your parts in and lay them out on the supply lumber to minimize waste. A free trial is available from this internet site. http://cutlistplus.com/download/

- Roger Sanwald was the host of sharpening. His expertise was honed by the workshop we had with Garrett Hack a couple of years ago. Tools are made from several different types of steel, each with its own characteristics. Type 01 is plain carbon steel and easier to sharpen. Type A2 steel is cryogenically hardened to produce a longer lasting edge. More recent powder metallurgic steel is reported to be fairly easy to sharpen and has a longer edge life. First you should determine how your tool will be used and what the primary angle should be. (Details of the guidelines and sharpening process were on the handouts.) Flatten and polish the back of the blade first using 600 and 1000 grit on a flat plate. (A lot of people glue this paper to glass.) Roger uses Shapton water stones for the next steps to finish, and lastly rubs the back of his blades on hardwood coated with mineral oil and diamond paste as opposed to a strop. To sharpen the bevel on the blade, he uses a honing guide and goes through the same sequence as with the back. Periodically flatten your stones on a diamond lapping plate. Roger had a handout you can seek out that is very explanatory.

The meeting was deemed a great success by all, and having a show and tell in small groups was a pleasure. All who were present would have regretted missing this. We have some outstanding minds and craft people in our club. Did you know when you pat yourself on the back you are doing physical therapy on your rotator cuff?

We were then adjourned.

Jan Batker, Secretary

Photographs from the October meeting

Photos by Ed Mastin

Jim Kroeger – Turning bowls

Michael Peele – Making custom jigs/fixtures

Roger Sanwald – Achieving Sharp Edges

Terry Tenhouse - Making custom jigs/fixtures

Jig for Toys 4 Tots wagon side

George Mills – Using CAD & Cutlist Software

Toys-4-Tots – October Status

As you all know, this is our 30th year of TWA Toys-4-Tots. A lot of us are working to make this a really big year. We have 12 workshops going. We have identified all the materials required for the workshops and they have been delivered. All of the workshops are in progress at some phase or another. I am happy to report on two of them for this status report.

In October, I visited an assembly workshop held at Searstone Retirement Community in Cary. Alex Knittel, a resident at Searstone, and Les Hall recruited 19 volunteers to assemble toys produced at their individual workshops. The volunteers were able to assemble about 200 dog pull toys and about 50 large cars.

In the pictures below Les Hall is shown holding one of the dog pull toys, and Alex Knittel along with his grandson, Jim, are also holding dog pull toys. The last picture shows one of the four tables of volunteers busy at work assembling the large cars.

I also had the opportunity to visit Roger and Judy Sanwald during in one of their workshop sessions. They are making crayon holders in the form of a fish. The fish is shown below in a jig that is designed to aid drilling the holes to receive the crayons. Also pictured below (l to r)

are Hugh Fish, Judy Sanwald, Roger Sanwald, and Tom Coleman looking at a box that will become a wagon to hold blocks they have cut out.

Mike Weinbemer, Pat Fish and Mac McCarson are also members of this workshop but were unable to attend this particular session.

I hope to see everyone at our November meeting.

We are going strong and I'm sure we are going to have a very good December meeting. For any of you that are not involved in a workshop, please think about making a few toys to add to the collection. It is always good to have a lot of variety.

Hope to see everyone at the November meeting and especially our Toys 4 Tots Social in December!

Submitted by Fred Ford
Chairman of the TWA Toys for Tots Committee

New Members

None to report this month.

Membership Chairman: Ken Serdar

Membership Welfare

If you are aware of any news of illness or misfortune, or better yet, something really good happening to one of our members, please contact Pete Bucki. The TWA wants to support and uplift its members. Pete can be reached either by phone, 919-380-8860, or email, peteb301@att.net

TWA Treasurer's Report

Beginning Balance:	$9,353.67
Income:	103.00
Expense:	38.00
Ending Balance:	$9,418.67

Respectfully submitted,
Jack Kite – Treasurer

2015 Future Program Schedule & Descriptions

Month	Program	Speaker	Host
November 17th	Simplifying Woodworking Tasks with Jigs and Fixtures	**Terry Brown**	Roger Sanwald
December 9th	Toys for Tots & Social	**Roy Underhill**	Fred Ford

November – Program
Simplifying Woodworking Tasks
With Jigs and Fixtures

Speaker: Terry Brown

Host: Roger Sanwald

The presentation will focus on ways to maximize both your efficiency and accuracy when using power tools.

Some of the areas to be covered will include:

- How to use your table saw more accurately without using all of the digital things that have permeated woodworking.
- How to make two marks on your saw that save time and allow accurate setting of the fence.
- Use of story sticks
- Simplifying the setup and cutting of coves on the table saw
- Quick setup of support surfaces (in and out feed) for thicknessers
- A simple fence and tenon jig
- A very important bit of advice on why to make jigs with built-in short cuts that allow for quick and accurate adjustment

December Program

TWA TOYS-4-TOTS

CALLING FOR TOYS, WEDNESDAY, DECEMBER 9th,
OUR 30th ANNUAL COLLECTION AND SOCIAL.

Please join with all the TWA toy makers at our December general meeting. As usual, we encourage spouses to join us for this special meeting. The first 30 minutes of the meeting will be a time to socialize and enjoy the food supplied by members or, in a lot of the cases, the wives of the members. THE FOOD IS POT LUCK STYLE. PLEASE BRING YOUR FAVORITE TREAT, which should insure a lot of choice. If you are not able to bring anything, please come anyway. I am sure we will have more than enough. We will be meeting in the Summit Room at the APEX COMMUNITY CENTER, 53 HUNTER STREET, APEX, NC.

Guest speaker Roy Underhill, host of the PBS Woodwright's Shop since 1979, is a loyal supporter of TWA and especially the TWA Toys for Tots Program.

Roy has a school that teaches the use of hand tools and much more. It is located in Pittsboro for our convenience. If you have not taken advantage of this valuable resource I invite you to consider it. Below you will find the web site URL. Please check it out. I believe everyone that wants to be a woodworker should take at least one class on the proper use of hand tools. After twenty years of woodworking I took one and it has given me a totally new look at the Craft.

THE WOODWRIGHT'S SCHOOL
http://www.woodwrightschool.com

PROGRAM AGENDA

6:00 PM	Set-up Crew arrives to set up tables and chairs.
6:30 PM	Members with toys to display or finger food for the social arrive
7:00 PM	Socialize and Eat
7:30 PM	Open Meeting Announcements and Business Items-
7:45 PM	Greet Roy Underhill
8:15 PM	TOY Show and Tell-Narrated by Fred Ford
9:00 PM	Adjourn and load toys. All hands please help.

The call for help is very strong from those that are suffering the most because of our economic slowdown. Please double your efforts in the few weeks remaining to help as many children in need as we can. Just one added toy will make a difference for a child.

Fred Ford—Host

State Fair Hobby & Craft Competition Entries

I thought the membership would enjoy seeing what fellow woodworkers, some maybe known to us, entered into the judged competition at the North Carolina State Fair this year. The craftsmanship of all the entries was exquisite.

- George Mills

Best of Show

Current Board and Committees Members

POSITION	BOARD MEMBER
President	**Pete Bucki acting for Diane Philyaw**
Vice President	**Roger Sanwald**
Secretary	**Janet Batker**
Treasurer	**Jack Kite**
At Large Board Member	**Fred Ford**
At Large Board Member	**Judy Sanwald**
At-Large Board Member	**George Mills**

COMMITTEE	**CHAIRPERSON**/Members
Program Committee	**Roger Sanwald & Judy Sanwald -** Fred Ford, Terry Tenhouse, Allen Campbell, Bob Gabor, Jeff Leimberger, Terry Brown, Hal Brown, Mike Payst
Toys for Tots Committee	**Fred Ford -**Allen Campbell, Joe Gorman, Bruce Wrenn, Cecil Raynor, Diane Philyaw, Pete Hodges, Bob Gabor, Terry Tenhouse, Roger and Judy Sanwald, Jim and Thelma Rhodes, Don Frankfather, Mark Firley, Les Hall, Pete Bucki
Nominating Committee	**Fred Ford/**Terry Tenhouse, Diane Philyaw
Newsletter Publications Committee	**Diane Philyaw -** Fred Ford, George Mills
Library Committee	**Jim & Thelma Rhodes**
Publicity Committee	**OPEN**
Sponsor Committee	**Mike Payst**
Internet Committee	**Paul Holzworth**
Mentor Committee	**Allen Campbell**
Membership Committee	**Ken Sender -** Cheryl Serdar Judy Sanwald, Paul Holzworth, Sue Bunch?
Audio/Visual Committee	**Tom Revelle -** Leon Abbas, James Chamberlain
Photographer	**Ed Mastin**
Hospitality Committee	**Pete Bucki**
Facilities/Refreshments Committee	**John Zatti -** Ed Mastin
Raffle Committee	**Mike Payst & Pete Bucki Co-chairs**
TWA Duties and Responsibilities Editor	**Fred Ford**

Mentors

The purpose of this program is to have a reference guide to call when you need to "pick someone's brain", Rule #1 in woodworking: nobody has a monopoly on brains! This list of people includes: contact information, projects the Mentors are comfortable offering advice about, and skills they would be able to help other members acquire.

Mentor	Service/Skill Offered	Phone Number	Email Address
Bernie Bogdon	Relief Carving	(919) 850-0739	sabile_27615@yahoo.com
Hugh Fish	Chairs, Joinery, Machinery & Power Tools, Mantles, Routers, Tables and TV Cabinets, Turning	(919) 467-5696	hughpatfish@yahoo.com
John Margeson	Baby Furniture, Beds, Bookcase, Chairs, Chest, Decks, Tables	(919) 876-3476	jmalice@bellsouth.net
Mike Resar	Baby furniture, Beds, Bookcase, Cabinets, Chest, Drafting, Dressers, Tables, TV Cabinets	(919) 876-1664	atwaterla@ncleg.net
Allen Campbell	Simple inlay, Staining/dyeing, Pen turning, Cabriole legs	(919) 772-4551	aacjr@nc.rr.com
Cecil Raynor	Joinery, Finishing, Tables, Chairs	(919) 870-0508	raynorc@bellsouth.net
Amy Dowden	Google SketchUp		

TWA Sponsors

Ashcroft Saws and Tools
919-876-3223
3125 Gresham Lake Rd. Unit 116
Raleigh, NC 27615
www.ashcroftsaw.com
25% off list on blades and 10% off on sharpening

Capitol City Lumber Co.
919-832-6492
4216 Beryl Rd.
Raleigh, NC
1-800-244-6492
www.capitolcitylumber.com
Special prices to TWA members

Edwards Mountain Woodworks
919-932-6050, evenings
Fine handtool woodworking: creating and teaching in wood. For further information on the workshops, schedule, and tools needed and any other requirements email Bill Anderson at:
bill@edwardsmountainwoodworks.com
www.edwardsmountainwoodworks.com
Tuition discount for club members.

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

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

Keglers Woodworks LLC
919-608-7220
330 Dupont Circle
Raleigh NC 27603
mkeglers@earthlink.net

Stock Building Company
919-828-7471
3000 Yonkers Rd.
Raleigh, NC
www.stocksupply.com

Klingspor's Woodworking Shop
919-608-7220, 919-876-0707
3141 Capital Blvd.
Raleigh, NC
(.9 mile N of Beltline exit 11)
www.woodworkingshop.com
10% discount excluding lumber and power tools

Raleigh Saw
919-832-2248
5805 C Departure Dr.
Raleigh, NC 27616
www.raleighsaw.com
10% discounts on all new products

Tarheel Wood Treating Co.
919-467-9176
10309 Chapel Hill Rd. (Highway 54)
Morrisville, NC 27560
www.tarheelwoodtreating.com
Contractor's prices on all wood products
TWA card before order is written

Woodcraft
919-781-1911 Fax: 919-781-1980
4317 Pleasant Valley Rd.
Raleigh, NC 27612
raleighwoodcraft@bellsouth.net
http://www.woodcraft.com
$25 gift certificate at each
TWA meeting for the raffle

Woodworker's Supply of NC
Store: 336-578-0500
Mail order: 1-800-645-9292
1125 Jay Lane
Graham, NC 27253
www.woodworker.com

Wurth Wood Group
919-231-6620
4213 Poole Rd. (Exit 15 off I-440)
Raleigh, NC 27610
www.wurthwoodgroup.com