



TWA Newsletter

Next Meeting: Tuesday, September 19, 7:00 pm

Location options:

- (1) Klingspor's
- (2) Zoom videoconference; use the information below to join.

<https://us02web.zoom.us/j/81793547751?pwd=cGtKMnUwNTBOUWRHdEw5TTJxV3VPQT09>

Meeting ID: 817 9354 7751

Passcode: 194538

Topic: Live Edge River Tables

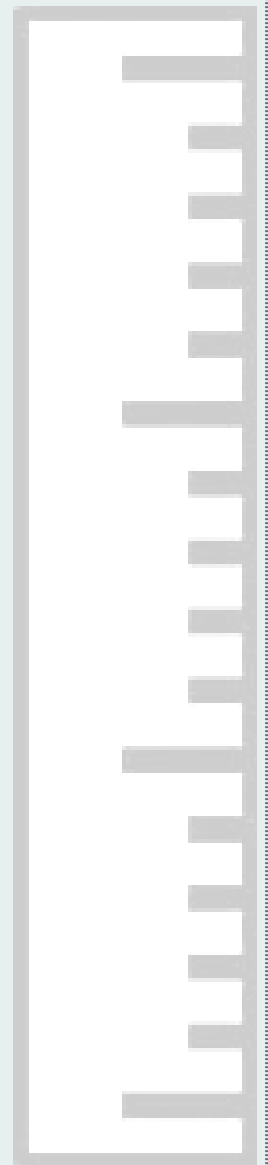
Bryan Connelly, who transitioned to a full time woodworker this year, will present his methods for producing live edge river tables. Bryan had been exposed to woodworking early in life by his father who was a carpenter, had a woodworking shop as a hobby and built the family home in Hickory. All family members were enlisted to help. Bryan spent 8 years part-time restoring a sailboat and learned a lot about epoxies, fiberglass, and gel coats.



Host: Bob Gabor

INSIDE THIS ISSUE

- September meeting 1
- August meeting minutes 2
- Toys for Tots update 2
- President's message 2
- August featured presentation .. 3
- Thank you to our members..... 3
- Membership committee..... 4
- Upcoming meeting 4
- Treasurer's report..... 4
- Mentors..... 4
- Board and committee members 5
- Sponsors 6



TWA GENERAL MEMBERSHIP MEETING—AUGUST 15, 2023

(meeting minutes: James Sapp)

The August meeting was held at Klingspor's Woodworking Shop in Cary and on Zoom. Approximately 14 people were present with 4 more on Zoom. Aaron Reeves attended as new member. Chris Smith was our featured speaker and guest.

Roy Brookhart announced that the next board meeting will be held on September 12th at his house. Any member is welcome to attend. The meeting will begin at 7:00 PM. The main agenda item will be passing the 2023-2024 budget. Open board positions have been filled by existing

members returning for another term.

Klingspor's is celebrating their 7th year anniversary in the Cary store and their 24th year in the Triangle. As part of this celebration, they will be hosting an event in Cary on Saturday September 9th. The 9AM - 3PM program will include lunch, lots of door prizes and demonstrations of local club's woodworking talents by their members. TWA will have a table at the event.

Joe Sabo commented that we have prepared a press release

about TWA and the Toys for Tots program. Look for articles in forthcoming issues of Cary Magazine and the Triangle Family Magazine.

Bob Gabor won the raffle (again!) Thanks for your contributions to Toys for Tots.

The next meeting will be on Tuesday September 19, 2023 at 7:00 pm. Bob Gabor will be hosting Bryan Connelly, who will be discussing his methods for producing live edge river tables.

TOYS FOR TOTS UPDATE

The progress of making toys has been sensational. To celebrate a year's worth of hard work, the December TWA meeting will be on Tuesday, 12 December at Atria Senior Living from 5:45-8:00pm. We will again have dinner and the price per person is \$18 (like last year). Dinner will consist of an appetizer, chicken or beef (vegetarian option available) main dish with veggies, salad, dessert, water and iced tea and beer and wine will be included. Please mark your calendar. To pay for the dinner, a check can be mailed to Joe Sabo at 308 Canon Gate Dr, Cary, NC 27518 or can be sent via Zell or Venmo. The Zell address is 919-625-7680. The Venmo address is @Joe-Sabo-25.

Looking forward to seeing everyone there.

Also, the Toys for Tots annual Klingspor's workshop is Saturday, 02 December starting at 9:00am. If you are interested in working in the workshop, please let Joe Sabo know as soon as possible at sabojc12@gmail.com.

Joe Sabo, Toys for Tots Committee Chairman

PRESIDENT'S MESSAGE

I'm declaring that summer is over. With fall's arrival, I'm sure we are all spending a bit more time in the shop. How about sharing some pictures of the projects you are working on or have recently completed? Sharing examples of our work is always one of the most popular programs we have.

Send in a picture or two, with a brief explanation, to the webmaster email address and let's get some more projects posted on the club's web page.

I look forward to viewing all the projects.

Regards,

Roy Brookhart

AUGUST FEATURED PRESENTATION - ABRASIVES

(meeting minutes: James Sapp)

The featured presentation at the August meeting was hosted by Kerry Schoolfield. Kerry introduced Chris Smith of Klingspor's Woodworking, who provided us with an informative discussion of Klingspor's abrasives. The video presentation is available on the TWA website. The topics included: what is sandpaper and how Klingspor's produces it, alternative backing substrates for abrasives, when to use the various sandpaper options, proper sanding techniques (especially with random orbit sanders), sanding finishes, and tips and tricks.

Klingspor's Abrasives makes all of its abrasive products in Germany, and they are shipped in large rolls to various locations including their Hickory, NC operation. In Hickory, the rolls of abrasive products are converted to the sandpaper forms that are sold in their stores.

Grain types for sandpaper include aluminum oxide (AO), alumina zirconia (AZ), ceramic aluminum oxide, silicon carbide (SC) and older grain types such as emery cloth and garnet. Aluminum oxide is the main abrasive used in woodworking. It comes in P24-P1500 grits. It dulls quicker than other types of sandpaper. As it wears down it becomes less effective in leveling surfaces so be aware of its sanding efficiency as you proceed with your sanding. Alumina Zirconia (blue color) is harder and more durable than AO and as it wears it fractures in

to new sharp edges. It comes in P24-P400 grits, but for woodworking Chris recommends only using up to P80. Ceramic Aluminum Oxide is used in metal applications. Silicon Carbide (SC) (black color) is the hardest of all the abrasives and is friable meaning that new edges are continuously formed as it is used. It comes in grits P16 – P2000. It is very effective in sanding finishes between coats although it shouldn't be used on light-colored woods such as maple as the black grits shards can get trapped in the wood surface resulting in unwanted black particles in the wood pores. Coated abrasives such as stearate coated paper are available in aluminum oxide that help the anti-clogging of the sanding surface.

Backing options include paper, cloth, and film. Backing thicknesses vary and are coded on the back of the sandpaper. Paper codes run from A to F with F being the thickest. Cloth codes are JF, J, X, XY, YY, and Z with Z being the thickest.

Sandpapers are graded according to several systems: FEPA (European standard), CAMI (US standard), micron, and oughts. The FEPA standards have the strictest requirements. Up to 180 grits, the FEPA and CAMI are interchangeable in grit selections. However, above 180, they diverge greatly. Chris



Chris Smith spoke at the August meeting (photos: Roy Brookhart)

recommends making sure to not mix types above 180. FEPA have the prefix P.

Chris recommends using AO and AZ (P24-80) abrasives on bare wood. Klingspor's also sells a special version of AO called Greentech that is a little more aggressive than standard AO. He recommends using AO and SC on painted finishes, and SC on lacquers and varnishes.

Chris' tip for selecting grits is to skip every other grit. P180 is a good stopping point for applying finish, although for blotch-prone woods such as cherry and maple, stopping at P320 is recommended to minimize stain absorption that enhances the blotch. When staining woods, the final grit used will affect the darkness of the stain appearance. He recommends using a story board sanded to various grits to find the desired color of the stain.

THANK YOU TO OUR MEMBERS

TWA would like to thank members who provide donations to the club or the Toys for Tots fund. The following members have made a generous donation to the club or the Toys for Tots fund within the club in the last month.

- Bill Burton
- Tom Hegele

NEWSLETTER CONTRIBUTIONS

Please send newsletter content for future newsletters to Fred Ford (fredford22@gmail.com) and Karin Pihel (karin.pihel@gmail.com).

Contributions for each newsletter are due by the last day of the previous month.

MEMBERSHIP COMMITTEE

At the August meeting at Klingspor's, TWA welcomed Aaron Reeves to our club. Aaron lives in Fuquay-Varina, and was told about TWA by Bob Gabor. Be sure to welcome him when you see Aaron online or in person. And thanks, Bob!

What are your ideas for increasing our membership, or getting word out about the club? Please let Barton Meeks know, or any member of the TWA board.

Barton Meeks, Membership Committee

UPCOMING MEETING

Date: Tuesday, October 17

Topics: (1) Beads of Courage and (2) High End Turntables

Speakers: Bob Vern and Rod Branken

Location: Klingspor's and Zoom

Bob Vern, with the Chapel Hill Woodturners, will be sharing their Beads of Courage program with us. This is a community support project that involves box making. Cecil Raynor will be our host.

Club member Rod Branken will be sharing the work that he does with high end turntables (record players to some). See how Rod incorporates various wood types and finishes into his products. Kerry Schoolfield will be our host for this program.

TREASURER'S REPORT (JULY)

Beginning Balance: \$12,408.31

Income: \$684.00

Expense: \$188.09

Ending Balance: \$12,904.22

Does not include Petty Cash of \$86.00.

Submitted by Jack Kite, Treasurer

MENTORS

Mentor	Service/Skill Offered	Phone Number	Email Address
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) 815-9155	cecil_raynor@yahoo.com
Amy Dowden James Sapp	Google SketchUp	(919) 932-6252 (919) 586-7280	amydowden1@gmail.com james.b.sapp@gmail.com
Ken Serdar	CNC woodworking		ken.serdar@gmail.com

BOARD AND COMMITTEE MEMBERS

POSITION

President
Vice President
Secretary
Treasurer
At Large Board Member
At-Large Board Member
At-Large Board Member

BOARD MEMBER

Roy Brookhart
Kerry Schoolfield
James Sapp
Jack Kite
Chris Gebhardt
Joe Sabo
Judy Sanwald

COMMITTEE

Program Committee

Toys-for-Tots Committee

Newsletter Publications Committee
Library Committee
Publicity Committee
Sponsor Committee
Internet
Mentor Committee
Membership Committee
Audio/Visual Committee
Photographer
Social Media
Raffle Committee
TWA Duties and Responsibilities Editor

CHAIRPERSON / MEMBERS

Kerry Schoolfield / Jeff Leimberger, Cecil Raynor, Bob Gabor, Mike Payst, Cathy Harms, Roy Brookhart

Joe Sabo / Cecil Raynor, Pete Hodges, Bob Gabor, Roy Brookhart, Bob Andrews and Judy Sanwald, Jim Rhodes, Les Hall, Alex Knittel, Bob Guenther; Tom Hegele, Don Klemp, Jon Sapp

Karin Pihel / Fred Ford

Jerry Rhoades

Roy Brookhart

OPEN

Paul Holzworth

Allen Campbell

Barton Meeks / Judy Sanwald, Paul Holzworth, Sue Bunch

Tom Revelle / Leon Abbas, James Chamberlain

Roy Brookhart

Chris Gebhardt

Mike Payst

Fred Ford

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

The Hardwood Store

1-888-445-7335

Gibsonville, NC

1-888-445-7335

www.hardwoodstore.com

Discount: 10 cents per board foot

Keglers Woodworks LLC

919-608-7220

330 Dupont Circle

Raleigh NC 27603

mkeglers@earthlink.net

Klingspor's Woodworking Shop

919-876-0707

MacGregor Village Shopping Center

107 Edinburgh S Dr. Suite 151, Cary NC

(Exit 98B off of US 1)

www.woodworkingshop.com

10% discount excluding lumber and power tools

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

Wurth Wood Group

919-231-6620

4213 Poole Rd. (Exit 15 off I-440)

Raleigh, NC 27610

www.wurthwoodgroup.com