



# TWA Newsletter

**Next Meeting: Tuesday, November 16, 7:00 pm**

Location: Zoom videoconference; use the link, meeting ID and passcode below to join.

[https://us02web.zoom.us/j/84091563153?  
pwd=MEdJR3lSdDY5cjZhbmgpS2FrNHlkQT09](https://us02web.zoom.us/j/84091563153?pwd=MEdJR3lSdDY5cjZhbmgpS2FrNHlkQT09)

Meeting ID: 840 9156 3153

Passcode: 536479

Speaker: Mary May

Topic: Traditional Woodcarving

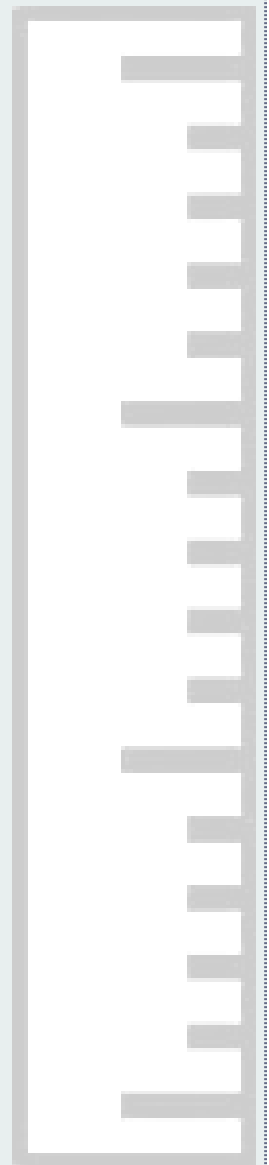
Mary May is a European trained professional woodcarver in Charleston, South Carolina. She has trained with a variety of master carvers around the world and has focused on studying the traditional styles and techniques of classical woodcarving. Mary focuses mainly on carving antique furniture reproductions and traditional architectural decorations. She has written several articles for Popular Woodworking magazine and The Society of American Period Furniture Makers yearly journal and teaches workshops at a variety of locations throughout the United States and Europe. Mary has been a guest on “The Woodwright’s Shop” with Roy Underhill four times. She recently published her first book on Carving the Acanthus Leaf.

Mary will begin by sharing her woodcarving journey - what inspired her, how she got started, and where she learned to carve. She will then demonstrate the basic techniques of traditional woodcarving using long handled tools - how to hold the tools, how to stay safe with razor sharp gouges, and how to sharpen tools to get that razor edge. Mary will then demonstrate how to carve a flower in shallow relief, showing how to trick the eye into seeing extra depth in a very shallow carving.

*Host: Mark Firley*

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## TWA GENERAL MEMBERSHIP MEETING—OCTOBER 19, 2021

*(meeting minutes: James Sapp)*

Roy Brookhart opened the meeting conducted using Zoom virtual technology. There were 33 people in attendance. Patrick Boldt, Roy Brookhart's son-in-law, attended from Illinois as a guest.

Getting internet access at Klingspor in order to hold meetings there continues to be a work in process. When resolved, the Webmaster will communicate the details for resuming in-person meetings.

Toys for Tots crew leaders continue to make progress

towards the December toy completion goals and transfer to the Marine Corps. Fred is working on defining the details for transferring toys because check-in procedures have changed at the Marines location. Currently, December 14th is planned for the Toys for Tots presentation meeting. Just how the meeting will be conducted is yet to be finalized. At this time Fred is planning to hold the meeting at Klingspor for a dessert-only potluck gathering. Alternatively, if the Klingspor option doesn't work

out, the presentation will be over Zoom as it was last year.

Mary May will be discussing Traditional Woodcarving at the November 16th meeting. She will demonstrate the basic techniques of traditional woodcarving using long handled tools - how to hold the tools, how to stay safe with razor sharp gouges, and how to sharpen tools to get that razor edge. Mary will demonstrate how to carve a flower in shallow relief, showing how to trick the eye into seeing extra depth in a very shallow carving.

## CLAMP DOWN BEFORE YOU SCREW IT UP — RON HERMAN

*(meeting minutes: James Sapp)*

At the October meeting, Ron Herman presented on fundamentals of woodworking fasteners such as nails, screws, bolts, glue, and clamps.

Imparting knowledge is one of Ron's special skills. Ron's email is [info@woodworkingwithron.com](mailto:info@woodworkingwithron.com) and he welcomes questions that you might have. His web site is [www.woodworkingwithron.com](http://www.woodworkingwithron.com). Anyone needing some help should email Ron and include their phone number because Ron prefers responding over the telephone.

Ron's prior teaching experiences have shown the need for establishing a good understanding of fasteners and how to use them properly. Nails today are made from wire and are one of three primary types: common, box and sinkers.

Nail sizes are designated by the penny (D) weight starting at 2D and going up to 60D, with each size have a designated length and wire gauge. For example, 16D nails are 3.5" long, while 2Ds are 1". Wire gauge varies with length getting bigger the longer the nail. Common nails are thicker (lower

wire gauge) than box and sinker nails. Having a nail chart readily available is a great aid in the shop or out on the job-site. Finishing nails use the penny designation with corresponding length to common nails. Brad nails are designated by the wire gauge and length, e.g. 1.5-inch, 18 gauge. Cut nails are forged and typically used in furniture applications. Ron's prior teaching experiences have shown the need for establishing a good understanding of fasteners and how to use them properly.

## CLAMP DOWN BEFORE YOU SCREW IT UP — RON HERMAN (CONTINUED)

*(meeting minutes: James Sapp)*

Screws are threaded fasteners used for wood assembly, attachment of hardware such as hinges, sheet metal fastening, drywall and machinery assembly. Some wood screws have coarse threads for softwoods and some have fine threads for hardwoods. Wood screws are sized according to gauge and length, such as #8, 1-3/4". Screws for metal are described by diameter and thread pitch, e.g. 1/4" - 20. Screw heads can be round, flat, oval or hex head. Heads of screws are typically either slotted, Phillips, Robertson (square drive), Allen or Hex and Torx. Screwdriver sizes for each type of head sizes vary usually according to screw diameter or gauge. Flat head screws are countersunk below the wood surface. The countersink angle should be 60 degrees. Charts are available over the internet and in hardware and home improvement stores that provide recommended pilot and shank drill sizes for screw application. Having these charts at the drill press is recommended. Bolts are threaded fasteners but differ from screws in that they are tightened from the end of the bolt opposite its head. The Gage-It Hardware guide available at home centers and hardware stores provides a handy reference for sizing nails, screws, bolts, nuts, pipe fittings, wire and other things in the shop and on the job.

Ron provided a special tip for

installing Stanley hinges. The screws for these hinges are either #5, #7 or #9 versus the more common #6, #8 or #10 sizes, which if used, will not seat properly in these hinges. These odd gauge screws are available at hardware stores and are necessary for installing these hinges.

For assembly of work pieces, glue-ups, attaching templates and jigs, and holding pieces for safely milling work pieces, clamps are a must for the workshop. Styles for woodworking include spring clamps, quick clamps, F style bar clamps, parallel jaw clamps, pipe clamps and wood screw clamps. C-clamps are recommended only for metal work because their very fine screw thread pitch generates too much pressure that will severely mar wood surfaces. When using parallel jaw clamps in glue-ups, cleaning the glue squeeze-out off of the notched bars before storing will keep them in working shape for future use. Masking the faces of wood screw clamps used in glue-ups will prevent the clamps from being permanently stuck to the work pieces. Plastic dip, typically used for coating plier handles, is useful for protecting work pieces from marring that can be caused by F-style clamps pads.

Ron primarily uses PVA glues in furniture assembly and veneering and prefers Titebond II. He also uses hide glue (including synthetic

versions) for instances where he might need to disassemble parts, have more open time, or where it is appropriate in furniture repair. Sometimes he uses clear casein glue (kind used in schools) for invisible glue joints in repair situations. For outdoor use he recommends urea-formaldehyde based adhesives such as Pro-Glue as it is water and UV resistant. Ron does not recommend polyurethane glue (such as Gorilla glue) because it creates a gap between substrates and often generates too much pressure during curing, it causing clamps to fail. Epoxy resins have their use in difficult assembly situation and for extreme environments. Ron uses CA glues but in limited applications such as serving as a quick clamping mechanism of PVA glues and in turning.

At the end of his presentation, Ron gave us a glimpse of his 4000 square foot shop and some of many antique tools he continues to use in one of a kind pieces and antique repairs. He has a plethora of woodworking and molding planes. Many TWA members complimented Ron on his presentation. If you missed it, please check the website to view the presentation when it becomes available.



*Ron discussing and showing various fasteners (photos: Mark Firley)*

## TOYS FOR TOTS STATUS REPORT

Things remain up in the air about what our December meeting will be like. Currently we are planning to have the meeting December 14th at Klingspor with ZOOM. The fallback is to have a total ZOOM meeting where everyone is in their own shop or home. Roy Brookhart and other members of the board are working hard to get ZOOM available in Klingspor by December. I expect Roy will be putting out an email when he gets some word from Klingspor.

The program is going extremely well. I have seen a lot of pictures and visited a few shops and things are humming. Our projection of 4000 toys is still in the cards but it will require an extra push to get over the hump. Please do what you can to make a couple more toys.

Some pictures of some of our workshops are shown on this page. As you can see, everyone is hard at work.

*Fred Ford*  
*Chairman of the TWA Toys for Tots Program*

*Judy Sanwald and Bob Andrews' workshop*



*Bob Gabor's workshop*



*Cecil Raynor's workshop*



*Roy Brookhart's and Terry Tenhouse's workshop*



## UPCOMING MEETING

**Meeting Topic:** Toys for Tots Annual Meeting

**Date:** Tuesday, December 14

We are planning to have the meeting at Klingspor with ZOOM. The fallback is to have a total ZOOM meeting where everyone is in their own shop or home. Roy Brookhart and other members of the board are working hard to get ZOOM available in Klingspor by December. More details will be provided when we get further information from Klingspor.

*Host: Fred Ford*

### NEWSLETTER CONTRIBUTIONS

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

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

### TREASURER'S REPORT (SEPTEMBER)

Beginning Balance: \$9,794.78

Income: \$360.00

Expense: \$386.84

Ending Balance: \$9,767.94

Does not include Petty Cash of \$86.00

*Submitted by Jack Kite, Treasurer*

## MENTORS

<b>Mentor</b>	<b>Service/Skill Offered</b>	<b>Phone Number</b>	<b>Email Address</b>
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  
Mark Firley  
James Sapp  
Jack Kite  
Chris Gebhardt  
Dick Raup  
Joe Sabo

## COMMITTEE

Program Committee  
  
Toys-for-Tots Committee  
  
Nominating 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

**Mark Firley** / Judy Sanwald, Fred Ford, Terry Tenhouse, Allen Campbell, Jeff Leimberger, Terry Brown, Hal Brown, Mike Payst, Bob Nauman, Bob Andrews, Jerry Rhoades  
**Fred Ford** / Cecil Raynor, Pete Hodges, Bob Gabor, Terry Tenhouse, Hugh Fish and Judy Sanwald, Jim Rhodes, Mark Firley, Les Hall, Joe Sabo, Alex Knittel, Bill Burton, Bob Guenther; Bob Andrews, Ken Serdar, Roy Brookhart, Tom Hegele  
to be filled in early 2022  
**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  
**Mark Firley**  
**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](http://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](http://www.capitolcitylumber.com)

*Special prices to TWA members*

### **The Hardwood Store**

1-888-445-7335

Gibsonville, NC

1-888-445-7335

[www.hardwoodstore.com](http://www.hardwoodstore.com)

*Discount: 10 cents per board foot*

### **Keglers Woodworks LLC**

919-608-7220

330 Dupont Circle

Raleigh NC 27603

[mkeglers@earthlink.net](mailto: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](http://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](http://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](mailto: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](http://www.wurthwoodgroup.com)