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TWA Newsletter

Next Meeting: Tuesday, April 16, 7:00 pm

**Location: Klingspor’s Woodworking Shop
MacGregor Village Shopping Center
107 Edinburgh S Dr. Suite 151, Cary NC**

Speaker: Terry Brown

Topic: Ideas for the Table Saw and Lathe

Terry Brown is a professional woodworker who has taken on projects that would make most of us run for cover. He has been able to do this because of his unique ability to do a difficult job in the simplest way.

One of his specialties is the removal of the need FOR a ruler. Measuring is fundamentally the cause of errors. Over the years, I have picked up some of Terry's ideas that have reduced my need for measurements and I hope to pick up some more ideas at the meeting this month.

Terry will concentrate on the table saw and lathe in the short time we have for the meeting. He will share with us a few of his favorite methods to add accuracy and to simplify.

For the table saw, he will describe how to make a raised panel door with your self made profile cutter.

Another Table Saw subject will include cutting a long 12-foot board single handedly and cutting an octagon post.

For the lathe, he will cover basic design cutting techniques, lay-out of a post, center point for a warped board, homemade boring center, the use of a steady rest, carbide vs steel tools, etc.

Come to the meeting and you are sure to leave with some improvements in your techniques for the table saw and lathe!

Host: Fred Ford



TWA GENERAL MEMBERSHIP MEETING—MARCH 15, 2019

(meeting minutes: Janet Batker)

Our president Roy Brookhart opened the meeting with an invitation for visitors to introduce themselves. We welcomed one visitor: Temin from Apex.

Fred announced that SearStone will not be able to host our two dinner meetings (in June and in December) without a substantial price increase, so we are going back to having pot luck suppers at venues to be announced. Bob Andrews has reserved a room at the Cary Commons in Downtown on June 11 for our summer banquet (\$135 for a 6:30-9pm get-together).

Jerry Rhoades announced that we will be having a shop crawl in southern Wake county this year and he is looking for individuals to sign up to open their shops to



Jerry Rhoades and Bill Andrews sharing information with the club (photos: Mark Firley)

our TWA members. This will be an all-day Saturday (April 13) affair with am and pm groups visiting separately.

Roy announced that someone has designated on Amazon to distribute a portion of their

proceeds to TWA through smile.amazon.com. Jack Kite (our treasurer) would like to know who did this.

Show-and-tell featured a beautiful cutting board by William Burton.



Bill showing a beautiful cutting board (photo: Mark Firley)

FINISHING WITH ANILINE DYE - GLEN HUEY

(meeting minutes: Janet Batker)

Mark Firley introduced our speaker Glen Huey. Glen started out by talking about finishes that can really set off a project.

Dyes bind to cellulose in the wood and soak in. There are 3 types of dye: water-, oil- and alcohol-based. Water-based is ideal, and comes in 8-, 4- and 1-ounce containers. There are 1,000 dye colors, but Glen gives his customers only 3 choices, otherwise too much choice confuses a buyer! Colors can be mixed when WET. A good starting point is 1 coffee scoop of dye mixed into 1 quart of warm water (water composition makes a difference on the appearance of the end product). Dye should be stored in an opaque container or else it will fade; it lasts forever in opaque containers. Two companies make dyes, and J.E. Moser's is the brand that Glen uses. These dyes can be applied by brush or rag or sprayed. Gloves are recommended, as the dye can tint the skin for a long time. It can be applied with a cheap brush. A heavy coat should be applied and left on for 5 minutes before it is wiped off; it soaks into the wood. The water-based product raises the grain but that can be fixed, and it is the best way to color figured wood. The finish gives a sense of depth. The wood can be tinted a second time if it is too light initially. Aniline dyes look ugly when they dry but become beautiful after shellac is applied.

Boiled linseed oil is next (maybe Tung oil), and then shellac. The oil highlights the grain. It can be brushed or ragged on, keeping it

wet for 5 minutes (if it doesn't stay wet then you didn't use enough). Sand to 180 grit, using Abranet (from Amazon or Woodcraft).

Shellac seals the pores. Shellac is usually the last finish for Glen; he does not always like the final look of lacquer. Shellac flakes are mixed into denatured alcohol by "pound" cuts, as in 1 pound per gallon of alcohol or 2 pounds per gallon. This allows the tint on the finish to be fine-tuned. Shellac flakes should be kept dry. They dissolve faster when they are finer. Glen uses Zinsser shellac and does not have any problems with wax in the shellac. Shellac is NOT the most durable finish, but the beauty is the appeal. Note that Zinsser shellac is good for 3 years from the date of manufacture. There is a code on the top of the can and the first number is the year it is made. (Hint: put a stick in the can and if the shellac dries it is still good). Glen uses a 3 pound cut, diluted with alcohol for a spray and he stirs a lot for direct application. It is important to use a good brush with shellac (Badger hair brush). The brush can be cleaned with alcohol and dedicated to use with shellac. High quality brushes hold lots of material, which is preferred. The brush is dipped into the shellac and then emptied in the can before being held at a 90-



Glen Huey teaching the club about finishes (photo: Mark Firley)

degree angle to the project during application. Glen sands between layers with 320 grit and does not remove the shellac dust between coats, since it dissolves in the next layer. To remove a drip in dried shellac, scrape it off with a razor blade; don't sand. Shellac dries rapidly which allows multiple coats to be applied in a day. A harder finish can be applied over shellac, if desired (eg: pre-cat lacquer).

Finishing begins when lumber is chosen for a project. It is important to use wood that works together. If the wood pieces are mismatched, glazing stains (oil based) or lacquer toners can be used to even the color. These can be coated with lacquer.

Glen's last coat is wax (carnauba or Johnson wax) and he uses 0000 steel wool to apply the wax to hide the imperfections that a very shiny surface might reveal.

INLAID TEA TRAY WORKSHOP WITH GLEN HUEY—MARCH 16-17

(photos: Mark Firley)

A workshop was held in Cecil Raynor's shop on Saturday and Sunday. Each participant built an inlaid tea tray out of walnut or mahogany with maple inlay. Skills and techniques covered included using a spindle sander to adjust the thickness of the inlay material, sand shading and inlay process involving chisels and router.



PRESIDENT'S MESSAGE

We've had some great programs already this year. Please join me in thanking Mark and all the members of the program committee for the work they do in selecting and organizing the topics and speakers. Last month's program and workshop were both enjoyable and informative.

If you have any ideas for upcoming programs, please let the team know. I'm sure they will welcome your ideas and I am anxious to learn some new skills that I can put to work in my shop.

Regards,

Roy Brookhart

UPCOMING MEETING

TUESDAY, MAY 21

Speakers: TWA Club Members

Topic: Speed Learning for Woodworkers

Learn some new skills from fellow members as we will have 4 or 5 stations available where members will demonstrate a skill. After 15 or 20 minutes the attendees will rotate to the next station and the demonstrators will educate a new group of members. If you would like to be a demonstrator, please let Jeff Leimberger know at the April meeting.

Host: Jeff Leimberger

TREASURER'S REPORT (FEBRUARY)

Beginning Balance: \$12,028.63

Income: \$370.00

Expense: \$83.83

Ending Balance: \$12,314.80

Does not include Petty Cash of \$86.00

Submitted by Jack Kite, Treasurer

CALL FOR NEWSLETTER CONTRIBUTIONS

All members are welcome to submit content to the newsletter. If you would like to contribute to a future TWA newsletter, submit content to Fred Ford (fredford22@gmail.com) or Karin Pihel (karin.pihel@gmail.com). Below are some examples of content that you can contribute:

- Articles on recent classes or demonstrations
- Pictures of interesting woodworking that you come across on vacation or in museums
- Information on woodworking-related events in the area
- Woodworking tips
- Reviews of new tools

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

Thank you,

Karin Pihel

WOODWORKING HUMOR

Here is a great site for woodworking comics:

<http://www.woodworkerz.com/funny-woodworking/>

MENTORS

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) 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

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