

**MAY 2008**



**NEWSLETTER**

**Meeting Date: May 22, 2008**

**PLACE: Agricultural & Industrial Museum  
217 W Princess St., York PA 17404**

**TIME: 7:00 PM**

**PROGRAM: Curt Wilke**

## **PRESIDENT'S MESSAGE**

A friend of my wife called her to say that her husband has a jointer for sale. It was under a tarp in the backyard and if I wasn't interested, it was going to the Steam-O-Rama consignment auction. So I ran down to Red Lion and checked it out. It was one of those huge 16-inch cutter head types that would require a forklift to move her. She had been converted from a factory line-shaft unit to a 5HP motor and "was working when we bought it." I passed because (1) I don't have a forklift and (2) I'd have to get a bigger planer than! They paid \$400 for it but "would take less". Well, I just talked to the guy, their front-end loader broke, and they couldn't move it. So it's still there, anyone interested?

Dennis Kunkle

## **THIS MONTH'S MEETING**

Our guest speaker this month will be Curt Wilke. Curt and his family have a long history in the woodworking machinery business in York County. Our president, Dennis, worked for three years with Curt's late brother David Wilke of Wilke's Antiques in Yoe, Pa. While there, Dennis met Curt and they have been friends ever since. Curt will talk to us about Wilke Machinery's latest reincarnation as well as his observations about the global marketplace.

# LAST MONTH'S MEETING

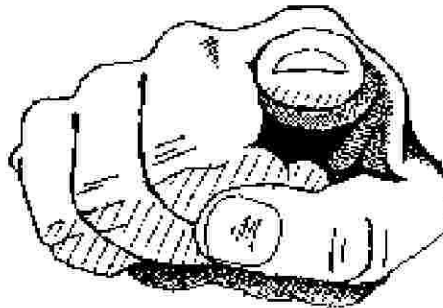
We were entertained and informed by two of the best: Mario Rodriguez and Alan Turner. Mario gave us the ins and outs of cutting dovetails. He shared his method of layout, sawing and fine tuning the fit. His close-up glasses are going to be on some of our shopping lists for sure. While age brings wisdom, it doesn't do much for the eyesight. Alan gave us an interesting and different take on sharpening a card scraper. His method is much quicker than some other explanations and will be tried out back in our shops soon. They came a long way to talk to us and did not disappoint. Their love of woodworking was evident in their presentations.



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**Payable to: STWG      Submit to: Allen Brittell**

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## SHOW AND TELL

**SHOW & TELL WAS NOT HELD LAST MONTH DUE TO THE TIME FACTOR BUT WILL BE RETURNING FOR THE MAY MEETING. BRING YOUR PROJECTS ALONG AND SHOW THE MEMBERSHIP WHAT YOU HAVE RECENTLY COMPLETED.**

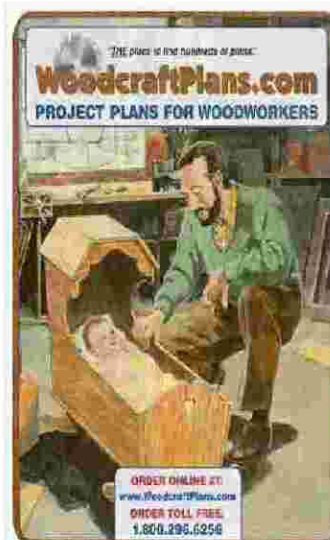
## NEWSLETTER ARTICLES NEEDED

**IF YOU HAVE AN ARTICLE, AN IDEA OR PHOTOS OF A WORK IN PROGRESS AND YOU WOULD LIKE TO SHARE IT WITH THE THE MEMBERSHIP, THIS IS THE PLACE AND WAY TO DO IT. CONTACT THE EDITOR TO SUBMIT YOUR INFORMATION FOR PUBLICATION HERE.**

## FREE WOODWORKING PLANS

WoodcraftPlans has made an offer to all STWG members. The Guild was recently listed in the Clubs section of their web site. If you would like to receive your own personal copy of their 64 page Woodworking Plans Catalog, you need to contact us before the next meeting at [stwg@comcast.net](mailto:stwg@comcast.net). We will let Woodcraft know how many copies to forward to President Dennis Kunkle.

Once the catalogs have been received, we will deliver your copy to you at the meeting. If you have any questions about the catalog, you can contact us or go to WoodcraftPlan's website at: <http://www.woodcraftplans.com/> You can also get this catalog directly from WoodcraftPlans, but you need to request it when you place an order with them.



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## WOODWORKER HELP NEEDED

The Agricultural & Industrial Museum is seeking the Guild's help in creating a hands-on display for visitors to the museum. It will consist of 15 different types of wood joints that in some examples will actually be able to be put together and/or taken apart by the visitors. Each example will be varnished and hang from a chain in a display. With a few exceptions, they will be quite simple to construct. Please email us at [stwg@comcast.net](mailto:stwg@comcast.net) if you are interested in helping to produce this interesting and permanent addition to the museum. To test your knowledge of these joints and get an idea of what the museum needs, see if you can identify all of the joints. (The answers are on the next page, and yes, some of them are hard to tell apart, and there might be some joints that were missed, so feel free to offer any suggestions)



## Answers to Wood Joint Quiz

A. MITER JOINT	B. TONGUE & GROOVE JOINT	C. BLIND MITERED DOVETAIL JOINT
D. HALF BLIND DOVETAIL JOINT	E. SIMPLE LAP JOINT	F. CORNER LAP JOINT
G. SPLINED JOINT	H. MORTISE W/THROUGH TENON JOINT	I. SPLINED MITER JOINT WITH DOVETAILED CORNER BRACE
J. BUTT JOINT	K. MORTISE W/TENON & LOCKING PIN JOINT	L. DOWEL JOINT
M. ROUND MORTISE & TENON JOINT	N. SLIDING DOVETAIL JOINT	O. OPEN DOVETAIL JOINT

### Anti-Freeze is Not a Green Wood Stabilizer

*Posted by: Blog Editor*

Occasionally, we hear of people using anti-freeze as a stabilizer for green wood. The practice is based on a mistaken understanding of the chemical properties of anti-freeze - along with being ineffective and potentially unsafe. In the Woodworker's Journal eZine segment below, Michael Dresdner and Lee Grindinger clear up the confusion between PEG (polyethylene glycol) - which *is* an effective treatment for green wood - and two common components of anti-freeze.

**Q.** A few years back, I read an article in a woodworking magazine where anti-freeze was used to cure green wood. I can't remember the procedure. Do you know anything about this?

**A. Michael Dresdner:** "No, but if I had to guess, I'd say that someone is confusing two or three similar chemicals.

"Antifreeze contains ethylene glycol (EG), which is poisonous. "Safe" antifreeze, commonly sold as "Sierra" or as RV antifreeze, is a very edible compound called propylene glycol (PG). Green wood is often treated by soaking it in a waxy water replacement compound called polyethylene glycol (PEG). I could see how someone could confuse these three, as their names have serious similarities.

"I've never run across anyone using either EG or PG to do the job that PEG does so well -- stabilizing green wood. PG in particular is a humectant -- a compound that keeps things moist, (we use it in our cigar humidors to keep the cigars from drying out) so I suspect it would be counterproductive for water replacement during wood drying, but it would slow down the process, perhaps minimizing checking."

**A. Lee Grindinger:** "Antifreeze is ethylene glycol. The substance you're referring to which stabilizes green lumber is polyethylene glycol, or PEG. Antifreeze is lethal poison. Although sharing the same molecule, these are two very different substances and not to be confused with each other. The PEG string of molecules is small enough to penetrate the wood tissue over time and displace the water. Once the PEG is in place it prevents the wood from shrinking as the wood dries. The specific PEG formulation you're looking for is PEG 1000. This will work only with green wood and the wood must be porous enough to absorb the PEG. Fully submerge the wood in the PEG.1000 and give it plenty of time, weeks actually, to displace the water. Different woods and different thicknesses will require different times."

For more in-depth look at wood harvesting, milling and drying, read *Fine Woodworking on Wood and How to Dry It*. Especially if you're working with wood that hasn't been thoroughly kiln dried, it pays to have a little background on the (often troublesome) relationship between wood and water.

Article Submitted by Mike Galloway

# April Meeting Highlights

## MARIO RODRIQUEZ



## ALAN TURNER



A BIG Thank You to Bob Aspey for the wonderful photos! You can view more of his photos at his web site:  
[http://www.pbase.com/rpaspey/wood\\_working\\_guild](http://www.pbase.com/rpaspey/wood_working_guild)

WEDNESDAY, APRIL 30, 2008

## WOODWORKERS DONATE BENCHES



SUBMITTED

Susquehanna Trail Woodworkers Guild made and donated walnut benches to the Living History House at York County Heritage Trust's Colonial Complex. Pictured are, from left, John Marsh, Larry Laughman, Ray Parsons, Bob Aspey and Dennis Kunkle. The guild meets 7 p.m. the fourth Thursday of every month at the Agricultural and Industrial Museum.

See Dennis Kunkle at the May meeting for an update of what work the lathe still needs. We extend a BIG THANK YOU to Marlin Hartman for his donation of wood and labor used in constructing the base. The lathe is located at the Agricultural & Industrial Museum and was donated to the museum by former member Bill Warner. It still needs a little more help to restore it to working condition.

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# SUSQUEHANNA TRAIL WOODWORKERS GUILD

## May

## 2008 Newsletter

If you have a change of address, either postal or email, remember to let us know.

-AND-

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Julie Kemper-Kunkle  
Newsletter Editor