

Tuolumne River Woodworkers Association

TRWA Newsletter

Saturday May 2nd Field Trip

Special Points of Interest

- Wood Turning SIG
- New articles from Kathi
- Toy Making from Richard Philpot

We have a field trip on Saturday, May 2nd in Tracy. We are going to be visiting the shop of Lino Giovacchini in Tracy. Lino makes replica models of antique farm equipment. The meeting will be at 10:00 A M at 1524 Bondy Lane, Tracy. See Map below. If you get lost, please call Lino @ 209-835-7955.

“Reinventing the wheel
A retired general contractor, Lino got his start



work. Lino won't use a piece of wood with a knot in it, as he needs clear wood for his model. "It just doesn't look right if there's a knot in it," he says."

[Article from FarmCollector.COM](http://www.farmcollector.com)

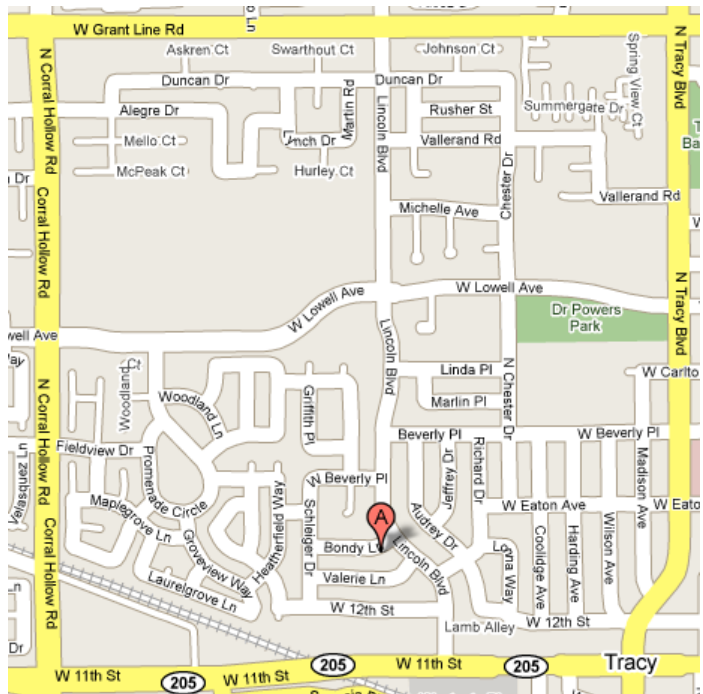
<http://www.farmcollector.com/Farm-Life/crafting-vintage-tractors-from-wood.aspx>

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with wood models by making wheeled toys. The first major challenge he faced was making spoked wheels. Drilling accurate holes in wood is complicated by the wood's grain, which presents both hard and soft spots to a drill bit. Lino found metal-working machinery gave the accuracy needed for his farm equipment models.

Often starting with a single black-and-white photo, Lino simplifies the design but retains the proportions to make an accurate representation. Working with wood presents challenges, but he prefers it because many original parts on early farm machinery were made of wood. His creations remain unpainted, and spruce is his favorite material; he salvages scrap wood from residential construction sites. Not every piece he finds will



Meeting Minutes



"The reverence that the object maker has for the materials, for the shape, and for the miracle of his skill transcends to God, the Master Craftsman, the Creator of all things, who uses us, our hands, as His tools to make these beautiful things."

...Sam Maloof

TRWA Minutes April 6th, 2009
Modesto, CA

Meeting called to order by President Tom Bonte at 7:02 PM

Move: Meeting minutes from March as printed in the newsletter, Roger Gohring, Seconded by Wayne Meissner, carried by voice vote.

Tom informed us that there are 3 vacancies on the board of directors that make getting a quorum impossible. Those positions need to be filled. Carl Mercer was added as Member at Large. Still need 2nd member at large and another officer to be filled. This will be filled at the next regular meeting.

Membership-Roger announced that membership cards for the new members were ready. In addition, the pendulum plans that he shared at the last meeting require small glass beads, not sand to operate. He can only find one source, which requires a 50 lb purchase. He is looking for other sources.

Newsletter- Newsletter articles are due on the 15th no mater what.

Break was called at 7:17 PM

Show & Tell - Josh Kinsey gave a good update on his Codex project. He showed a much more refined item, still in progress. He is looking to have one completed by next meeting. Roger showed the small parts holder that was mentioned in the April newsletter. Said it was easy to build and will make cutting small parts on the table saw much safer.

Meeting adjourned at 7:30 PM

Welcome to the first annual SIG Wood Turners' Potluck Picnic

Who is invited: Members of the SIG and their spouses, and Members of TRWA and their spouses

When: May 9, 2009, at 10:00 AM

Where: Orange Blossom Park, Located just across the bridge at the corner of Orange Blossom and Rodden Road.

What to bring: Your own drinks Your own place setting, Potluck, something to share

What to do: Contribute \$1.00 (one dollar) per person to pay for the park rental

To RSVP Either mail to:

Bob Weaver
1829 Hunt Ave
Modesto, CA 95350
524-5852
bobweaver9000@sbcglobal.net

Or pay at the picnic

RSVP to Bob Weaver before April 20, 2009

Woodworking Show @ CalExpo!

Apr 24, 2009 - Apr 26, 2009
The Woodworking Show

Location: Pavilion

Entrance Gate: East Gate

Time:

Friday 12pm-6pm

Saturday 10am-6pm

Sunday 10am-4pm

\$9.00 Adult

15 & under FREE with paid adult

Active Military, Police and Fire

FREE

check web-site for other deals!!!

Parking: \$10

www.thewoodworkingshows.com

Toy Making - Cars by Richard Philpot

- If you only make 7 large cars per hour and do 4 batches per year you will make 28 children happy and you will help your club to gain better community support. If you were to make only ONE toy vehicle it would take 45 minutes to an hour. You would have to locate the wood, draw a pattern, cut out the car, drill the holes, sand, rout and finish. However, I am going to teach you how to mass-produce cars so you can make 7 large cars or as many as 18 mini cars in only 1 hour.
- To mass-produce cars, a la Henry Ford, you will need some paper, pens and pencils, 1/8-inch hardboard. A table saw, a floor or bench style drill press, a band saw that can use 1/8-inch blades for tight radius car tops, but larger size blades can be used by changing the designs. Next you'll need some drum and belt sanders, and a table-mounted router with 1/8-inch or 1/4-inch round over bits. Do you know you can get more cars from a piece of oak or alder 1-1/2 inches by 3-inches by 6-feet than you can from the same sized piece of pine or fir because of all the knots in the softwood?
- Draw your designs on paper with the edge being the bottom of the vehicle. When you like your design, copy it onto a piece of 1/8- inch hardboard. Cut it on a scroll saw (leaves smoother edges), drill 1/8-inch holes at axle and window centers. Round over edges slightly.
- Take your planed and edge joined wood and trace your vehicle pattern on top of the wood putting the patterns as close as you can to fill up the board. I use a pen because it's easier to see.
- Set up your drill press to drill all the axle holes. Use a 9/32- inch bit and set your fence to 3/8 inch to center for 1-1/4 inch wheels and 1/2- inch for 1-1/2 inch wheels. Drill your holes all the way through.
- Using brad point drills, center your fence to the window hole centers and set a depth stop so the drill point just barely protrudes through. Drill all the holes on the board then turn the board over and line up the spur to the hole and drill out the plugs.
- Now set up your drum sanders and sand all the edges to your ink lines or until your toys look sleek and smooth.
- Head for the table mounted router and round over all the edges and the window holes. We wouldn't want the little children to get splinters or cuts, would we? Let's go to the belt sanders now and do the surfaces of the toys. 80 grit should be good enough.
- Earlier I mentioned how you get more vehicles from hard wood as opposed to soft wood. There is another benefit in not having pine resin gum up all your blades, tires and shafts. In 2003 pine was \$2.45 per board foot, poplar was \$1.99 and alder was \$3.10. I chose alder because poplar had ugly green streaks when using natural finishes but was OK if the toys were being painted.
- First, pat yourself on the back for completion of parts 1 and 2. That was easier than you thought. Right? You're on to finishing next.
- Mass finishing. The fastest way is to use Watco Danish oil or another brand. You can buy them in flavors like natural, walnut, cherry etc. Pour the gallon into a plastic tub like a dishpan or wastebasket. Dump in your toys and let them soak for 4 to 5 minutes. Remove them and let them drain for a couple of minutes. Using old, white t-shirts wipe them off before the oil dries or it will become sticky and you will have to re-oil them. Pour your oil back into its container and wash out your tub with paint thinner. Hang your oily rags on the fence to dry. Do not wad them up or they could spontaneously combust. When your rags thoroughly dry out you can dispose of them in the garbage.
- Allow your toys to dry for 72 hours before assembly and they will then be non-toxic and smell good and be ready for assembly.
- If you wish to paint them then I suggest you have 20 or so and do them all at once. Using any brand of latex paints and a 1-inch by 3-inch foam roller get ready to paint. It may take 2 coats to be attractive enough for children. (That's why I prefer oil finishes because they are much faster). Spread your vehicles out flat and do one side letting them dry for 45 minutes, then do the other side (repeat the drying) then do the edges. If one coat is enough then you're done.
- Gather your toys, your wheels and your axles, which you have pre-cut into pieces which are the thickness of your wood plus the wheels plus 1/8 inch. Pour some yellow glue into a shallow bowl and using a small brush coat one end of an axle with glue and insert it into the backside of a wheel. Do all your axles at one time. Now insert the axles into the vehicles and place the vehicles wheel side down on a table. Coat the other end of your axles and hammer on the wheels. Let them set for 30 to 40 minutes and then turn the wheels around to make sure they are freewheeling.
- Now go to the fridge, grab a beverage and shout to the world, I'm done!
- You have just made some child a happier person. Congratulations.

TRWA
Stands
for
community
service,
Ask
any
member!

This Special Presentation is open to anyone interested. You might let your respective club members know about it. We have room for about another 100 for the Friday night presentation and another 20 for the Saturday Seminar. A few of us have made a foot powered lathe for Roy to use. This lathe will be signed by him and raffled off at the end of the presentations so all have a chance to win it.

Bill Tarleton

Diablo Woodworkers

<http://www.diablowoodworkers.com/>

Diablo Woodworkers Special Presentation

Friday, June 26th at 7 p.m. featuring



ROY UNDERHILL

Noted woodworker and star of the PBS series "The Woodwright Shop"

Mark this date on your calendar right now – *Friday evening, June 26th at 7 p.m.* in the multi-purpose room at the Pleasant Hill Adult Center. Enjoy an hour and a half of Roy's wisdom and wit with a half hour break mid way through his talk for socializing – a chance to visit with Roy – and have a finger licking good dessert and a beverage. Roy is extremely entertaining, so plan on bringing your spouse, too! **Advanced reservations are required.** Tickets, including beverages and a finger licking good dessert, are \$15 each. Seating is limited due to fire code restrictions. **Reservations are on a first come, first serve basis.** Don't delay! Just e-mail Jeff Traeger – jgtr@comcast.net or **sign up tonight** and then follow with a check made out to Diablo Woodworkers. Mail your check to Jeff Traeger, 6 Daisy Lane, Orinda, CA 94563.

AND THEN . . . THE NEXT DAY

Diablo Woodworkers Special Seminar

Saturday, June 27th from 8:30 a.m. to 4:30 p.m.

a one day seminar with ROY UNDERHILL

This is a one time opportunity to spend the day with Roy Underhill and learn from one of the best known woodworkers in America. Beneath all that wit and humor is an extremely talented woodworker whose roots in the trade are tied to colonial Williamsburg where he served as the Master Housewright. The seminar will be in Room 112 at the Pleasant Hill Adult Center, starting at 8:30 and running until 4:30. The day will be filled with lots of demonstrations, humor and a whole of a lot of learning! We will use a video camera and a big screen TV so you will be able see every detail of Roy's work. Registration is limited to 50 people, so make your reservation now by e-mailing Jeff Traeger at jgtr@comcast.net or **sign up tonight** and follow with a check for lunch and tuition, in the amount of \$100. Mail your check written to the Diablo Woodworkers to Jeff Traeger, 6 Daisy Lane, Orinda, CA. **Reservations are on a first come, first serve basis.** Don't delay!

MORE ABOUT ROY

Roy Underhill is now in his 30th year of bringing subversive woodworking to public television with his series "The Woodwright Shop." His programs and books, dedicated to hand tool woodworking "beyond the Norm," have reached millions around the globe. A native of Washington, DC (the mountainous part) he was for many years the master housewright at Colonial Williamsburg. He still lives in Williamsburg with his wife Jane, but hopes to soon move to an old mill in North Carolina -- or any place where he can't hear the fife and drum music any more.

Question: What are the 3 Greatest Inventions in Woodworking?

Our President, Tom Bonte asked the question:
 Name the three greatest inventions in woodworking.
 Here is the response:

High Carbon Steel Table Saw Router	Steel Wheel Hammer	Ruler Saw	Cordless Drill Electronic Stud Finder Router
Brain Saw Screwdriver	Electricity/Electric Tools Multiple measuring instru- ments Various wood supplies	Hammer Plane / Drawknife Saw	Power - Electric Water Steam Computer Technology Metal Technology
Portable Electric Motor Dimensioned lumber Cold Glues	Internet Lathe Synthetic cheap finishes	Electricity Education Better Tools	Accurate Measuring devices Enthusiasm & Education Printing press Internet
Saw Rule Glue	Laser Guided Saws Electricity Table Saw	Wood Plane Saw Hammer	Plane Sander Scroll Saw
Sandpaper Table Saw Router	High Speed Steel Electric Motor - Induction and Brush Type Router	Electricity Circular and Chain Saws Glues that bond well	Wheel Arrow Atlutle (sp)
Router Chisel Hammer			

Wood Turners SIG

The TRWA woodturning SIG will meet the 12th of May in Johnny Jones's shop at 9:00 AM, 13299 Lancaster road, Oakdale. 845-0858 or jljones34@gmail.com. (No meeting on the 2nd of May as that's going to be a TRWA meeting) Jim Crismon will demo on how to make a tooth pick holder.

May 16 we have Steve Beauchamp demonstrating how to sharpen lathe tools. This will be at his shop at 1326 MT. Vernon in Modesto. 544-0672



Classified Advertising

12" Davis & Wells Cabinet Table Saw 5ft Table \$250
 6" Jointer.....\$150
 12" Planer.....\$100
 Delta 10" Compound Mitre Saw.....\$100
 24" Leigh Dovetail Jib (New).....\$250
 10" Radial Arm Saw with Metal Cabinet.....\$100
 Contact Carl Mercer, 209-667-2340

Grizzly lathe for sale
 With accessories
 \$150
 Contact Larry Scallin @ 209-538-0500 for details

13" 2 speed Delta Planner. Need to clean up my shop and something I don't use much is the planner. 60 cpi for dimensioning and 90 CPI for finishing. Works great. I'm asking \$250 OBO for it. Retail for around \$395. If interested give me a call 209-825-1648. Mark Gum

Want to sell something to the club. Send a note to Editor@TRWA.NET and I'll include it in the next newsletter.

Wood Tips By Kathi Westfall

Elm Ulmus Rubra

The Elm is the state tree of Massachusetts and North Dakota. It grows mostly in the Eastern to Midwest portion on the United States and the average tree height is 50 feet. Elm is mainly used in furniture manufacturing, cabinet making, flooring and caskets.

Red elm has a grayish white to light brown sapwood and its heartwood is reddish brown to dark brown in color. The grain can be straight but is often interlocked and the wood has a coarse texture.

The wood of red elm is fairly easy to work, it nails, screws and glues well, and can be sanded and stained to a good finish. It dries well with minimum degrade and little movement. Elm is moderately heavy, hard and stiff with excellent bending and shock resistance. It is difficult to split because of its interlocked grain.

Fun Fact: Red Elm has a glue-like substance in its inner bark that used to be used as a remedy for throat ailments when drunk as a tea. It was also used as a poultice when pounded into a powder and was also chewed as a thirst quencher.

Richard Philpot gives us this month's member supplied woodworking tip: Keep your tools really sharp .That way they will always perform their chores and prevent accidents. Thanks, Dick. Remember also that sharp tools also save time as well since it is easier to do something with a sharp tool. A dull one can take up to 3 times as long to do the same job.

WoodSmith Magazine Wood Tip Pickup Plywood Rack

I discovered that hauling large sheets of plywood in a small pickup truck isn't a good match. So to make my truck a little more accommodating, I built a simple plywood rack.

The rack is made from common 2x4s. As you can see in the drawing, it's nothing more than three supports connected with two cross rails. The rear cross rail is positioned just behind the tail gate to keep the rack from sliding. I positioned the front rail to clear the wheel wells of the truck.

The detail drawing shows how the supports and rails are fastened together with hex bolts and lock nuts. The heads of the bolts and nuts are counterbored to prevent damage to the sheet stock or the truck.

I also placed washers between the supports and cross rails. This allows me to easily fold the rack and store it out of the way when it's not in use.

See the diagrams and the full text of this Tip @

<http://woodworkingtips.com/etips/2009/04/16/ws//print/>



Sponsors

Tell
the
sponsor
you're
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TRWA!

TRWA
would like to
take this
opportunity
to thank
each of these
companies
for their
ongoing
sponsorship
and support!

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Mail: 1814 McClellan Way
Stockton, CA 95207

WESTERN TOOL SUPPLY

3202 Waterloo Road
Stockton, CA 95205
(209) 937-0510

TRWA Board Members & Key Positions

TRWA Board Members

President, Tom Bonte.....209-522-1850
President@trwa.net
 Vice President, Kathi Westfall.....209-574-9132
 Past President, Cris Woelfer.....209-522-7070
 Program Chairman, Ada Holloway..209-544-8982
Programs@trwa.net
 Treasurer, Don Ross.....209-557-0696
Treasurer@trwa.net
 Newsletter Editor, Steve Hutson....209-470-5305
Editor@trwa.net
 Recording Secretary, Steve Hutson.209-470-5305
Secretary@trwa.net
 *Member at Large, Carl Mercer.....209-667-2340
 Member at Large.....Open

* Indicates new info

Website www.trwa.net

Key Position Assignments

Exhibit Coordinator, Denzil Walker 209-575-1359
 Membership, Roger Gohring.....209-537-6139
Membership@trwa.net
 Newsletter ReporterOpen
 Profile Editor.....Open
 Librarian, Lou Garcia.....209-578-4642
 Refreshments, Jerry Park.....209-632-1862
 Drawing Coordinator,Open
 Photographer, Wayne Meissner....209-858-2263
 Webmaster, Steve Hutson.....209-470-5305
Webmaster@trwa.net
 Circulation Manager, Bob Weaver..209-524-5852
 Community Services, Dick Philpot..209-551-3720
 Sunshine Chairman,Open
 Toys, Gloria Jehness.....209-505-6429

HELP DESK

The following members have volunteered to help answer questions. Feel free to call them within the times they have specified.

David Bozarth 209-537-8654
 All areas
 Any reasonable hour

Scott B. Dustin
 Finishes
 Mobile:209-534-9810

Bob Gilmore. 209-529-6835
 All areas
 9 AM - 9 PM M-F

Ken Kelso....209-529-3273
 Lathe & Table Tops
 Any reasonable hour

Ron Lewis....209-526-6648
 Furniture
 6 PM - 8 PM M-F

Al Lichty209-524-0466
 Wood Bending & Furniture
 All areas
 5 PM - 9PM M-F

Carl Mercer..209-667-2340
 Band saw boxes
 Any reasonable hour

Dick Philpot. 209-551-3720
 Toys
 Any reasonable hour

John Schmidt209-848-9535
 Routers, Joinery & Furniture
 Any reasonable hour

2009 Meeting & Exhibit Schedule

Date	Guest	Subject
January 5	Pete Teresi	Making Violins, Violas, and Cellos
February 2	Field Trip to Dan J Savage Middle School	Shop Tour
March 2	History of woodworking presentation	Ada Holloway
April 6	Stan Booker	Asante Network
May 2 (New date!)	Field Trip to Tracy!	Antique Farm Equipment Model Maker
June 1	TBD	
July 6	TBD	
August 3	TBD	
September 25th	McHenry Woodcraft Show Setup & Potluck	Show runs from Sept 26th to Oct 11
October	No Meeting - Come see us	McHenry Museum, Modesto, Ca.
November 2	Annual Members Auction	Come by and get a bargain
December 7		

Tuolumne River Woodworkers Association
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Modesto, CA 95357-8711

