

GOLD COUNTRY WOODCRAFTERS

Newsletter September 13th, 2016

Vol 24

GCW Meeting Brief:

The September 13th meeting lasted an hour and 50min. We had a great turn out with 38 members and 2 guests on hand. This meeting featured an informative presentation covering plastics by Will Smith from All Plastic in Rancho Cordova/Gold River, Ca. The presentation included information on available products, plastic characteristics, fabrication, required tools, etc. A number of our members were looking forward to this presentation to see how plastics could be used in their shops. There was a report by Jim Hunt on the results of the club Executive Committee meeting that was held just prior to the night's club meeting. Our members were treated to a short discussion on steam bending initiated by Mark Butzler. Mark got a number of tips and suggestions from our members. The Show and Tell segment had 7 members showing their craftsmanship. Again, our members were treated to a raffle that had many great prizes. There are no items listed in the exchange corner section this month.

Presidents Message:



Gold Country Woodcrafters,

What a treat we had Tues night with the presentation from Will Smith of All plastics, Inc. Just another reminder of how much there is to learn and the endless possibilities to be creative with the skill sets that we are so fortunate to have. As Will mentioned, he only scratched the surface of how plastics fit into our woodworking world and I am sure there is more to discover by visiting his Rancho Cordova shop.

As Gold Country Woodcrafters begins its tenth year, I would like to take a moment to thank the Executive Committee for their efforts and leadership in our organization. The committee's primary responsibility is to provide a framework for learning and presentation of information beneficial to our members. They work very hard to consistently improve meeting content.

While the Executive Committee is the heart of the organization, it is the collective knowledge and experience of our members that creates the real value. There is opportunity for members of all skill levels to learn, but equally important, to offer ideas or share experience on some aspect of wood working. Each of us have something unique to offer and I urge you all to take advantage of the opportunity as we celebrate our ten year anniversary.

Thank you all again for making Gold Country Woodcrafters such a rewarding organization.

Until next month, Happy and safe woodworking!

Jim Hunt

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Plastics Presentation by Mr. Will Smith from All Plastic:



We had a very informative presentation by Mr. Will Smith from All Plastic in Rancho Cordova/Gold River. During his presentation Will described just some of the types of plastics that could be of help in our shops, their characteristics, plus fabrication techniques. Our members really found the information helpful as there are many cases where woodworking and the need for plastic fabrication come together. The following are just some of the

points Will covered in his presentation.

The plastics Will covered were acrylics, ABS, and polycarbonate with an emphasis on acrylics. He explained that acrylic sheets are manufactured in a cast or an extruded form. The cast has a higher cost and is not as available as extruded so, in many cases, it must be special ordered. Cast is harder and machines better than extruded using routers, drills, etc. However the extruded acrylic is more readily available, machines well, glues and cleans up well “it buffs up very nice”. ABS plastic is not clear, generally is more difficult to cut because it tends to melt and clog when using routers, saws, etc. However, it is cheap, readily available and glues up well. The down side of polycarbonate is that it scratches very easy. Extruded acrylic plastic is the most popular product for home shop fabricating and is available in many forms (sheet, rod, cylinder, sphere, vase, etc) and is relatively inexpensive.

Will spent some time talking about fabricating with acrylic. This included how to cut, glue, route and form it. He demonstrated how to glue and thermal form some pieces. Some of the tools he suggested were drill bits with a steep rake, special carbide table-saw blades for plastic, heat-gun or plastrip heater, and a torch for edge polishing. He recommended that map gas be used for flame polishing edges instead of propane as propane tends to deposit soot in polished edges.

Acrylic glues, Will explained, are really solvents and come in high viscosity (watery) and gel forms. With liquid glue he suggested not filling the glue bottle more than half with solvent and maintaining a slight vacuum in the applicator bottle by squeezing some air out of the bottle before applying. The liquid glue distribution depends on capillary action. That is, it will flow along mating pieces when applied. For cleaner joints when gluing pieces together, say at 90 degrees; he suggests dimensioning parts so joints can be located slightly in from edges. Excess plastic can then be routed away leaving a

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flush joint that will clean up easily. The gel glue is easier to control and apply, however the joints may not be as clean.

The All Plastic store is easily accessible to our members at 2271 Sunrise Blvd, Ranch Cordova/Gold River not far off of highway 50. All Plastic has many services and products available that may be of benefit to our GCW members. They carry a full spectrum of supplies related to plastics and plastic fabrication. In addition, they are ready to help with questions, with designs and or design ideas, plus they can fabricate custom designs on site in their “state of the art” shop. When visiting All Plastics be sure to mention you are a GCW member.

Announcements/news:

1. Executive Committee Report: Jim Hunt

- a. The *Cal Carvers* are hosting an event this coming spring and are inviting GCW to participate. *SAW* and *Nor. Cal. Woodturners* are also planning to participate. More information will be forthcoming early next year.
- b. Spouse Night will include refreshments, a special raffle, a display of projects, and a continuous project slide show. The club will be requesting a head count at November's meeting to determine how many guests to expect.
- c. Need for Club Recorder. There is an open position on the GCW Executive Committee for a club recorder. The duties for this position are to record the minutes of Executive Committee and club meetings. This is an opportunity to get involved in your GCW club management so please give it your consideration. Exec. Meetings occur just 4 times a year.
- d. Dave Boucher was voted in as club secretary. He will be making sure we all have our treats to munch on at the meetings.

2. **Club Dues are Due:** September marks the beginning of our 10th year. Also, club dues are due in September. Dues are still \$20 a year and the best deal in town. If you have not, as yet, paid your dues please do so at the next meeting or you can send your \$20 to our club treasurer Steve Cabrol. The mailing address and instructions are given near the end of the newsletter.

3. **Presentation Committee:** Ron Sexton gave a summary for the subjects for remaining meetings of 2016. Content for 2017 is still being determined. He will be looking for volunteers among our members to give a brief presentation on their woodworking experience (how they got started, their projects, interests, etc). If you have suggestions for

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future presentations and or subjects you would like covered, contact Ron or one of his fellow committee members, John Brideson or David Boutcher.

4. **Toy program:** Dale Gamble was not able to make the meeting so Homer Rail gave a quick report. A kickoff meeting was held with a few of our members in attendance. There is still plenty of room for anyone wishing to help make toys. If you need ideas, materials, patterns, etc please call Dale Gamble. Phone: 530-626-0210.
5. **Club T-Shirts:** Warren Wyllie reported that 29 of the 48 shirts ordered in August were picked up at the night's meeting. We had 42 members who actually purchased shirts leaving 13 to be picked up. There are 6 shirts extra (2 M, 4 L) available for purchase at the next meeting the price being \$22 for all sizes. After those are gone, members or GCW contacts that are interested in acquiring T-Shirt(s) need to let Warren Wyllie, Steve Cabrol or myself know so we can determine the interest level. If the interest level is high enough members/contacts will be requested to signup and pay for shirts. Shirts can then be picked up at a future meeting. You can just give a positive response to the email distributing this newsletter and the information will be passed on.
6. **September 24th Car show:** As previously reported Park Community Church is sponsoring a car show Sept. 24th. The club will have a booth again this year to show off our projects and promote the club. Ron Sexton is leading the booth setup this year. Set up is between 10 and 11 AM. Show is from 12 to 5 PM. We had a great time last year at this event so drop by, bring a project, and join in the fun / shop talk. If you would like to sell your items, feel free. The car show flyer is appended to the end of this newsletter.
7. **Reminders:**
 - a. November our GCW meeting will be on the 3rd Tuesday as the church is a voting precinct on our regular meeting night.
 - b. December is *bring your spouse/special guest* month. So mark your calendar Dec. 13th.
 - c. Oct. 11th is project challenge night. There are 3 options: a Puzzle, a Game, or a What Not Box (keep sake box, etc). Must be constructed from wood. All members who participate will receive a raffle ticket for a single \$50 prize.
8. **From the Floor:**
 - a. Mark Butzler. Mark asked the members present for advice on a project where he has tried his hand at steam bending. His efforts resulted in breaks not bends. There were a number of suggestions from the floor on the type of wood, length of time to soak it, time in the steam chamber, etc. Mark got a lot of ideas on how to go

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forward with his project. It was suggested that this could be a great subject for a future meeting. The project team now has it on their list. Thanks Mark for initiating a great discussion with the members.

- b. Gail Cone announced that this meeting (Sept. 13th) marks the 1 year anniversary for Jim Hunt as GCW president. Jim has really made a difference in his first year devoting a lot of hard work and time to managing the club and initiating a number of improvements for our club meetings. Examples are and improved raffle format improving club income and meeting intermission for social interaction. Our members gave a large round of applause to thank Jim for his efforts.
- c. Charles Linn announced the Woodcraft will have another one of its very popular swap meets Oct 30th 7Am – 1PM. It is best to get there before 9 as all the good stuff could be gone.
- d. Larry Pfof announced that he has a used ShopSmith available to anyone that would like to have it. It requires a little TLC to get it going. This item is of interest to Robert, I believe.

2016 Meeting Topics:

October 11th	Fall Project Challenge: Night. Game, Puzzle, or What not Box
November 15th	(3 rd Tuesday) CNC presentation. Steve Cabrol
December 13th	Spouses Night, GCW year slide show and Toys for Tots presentations

2017 Meeting Topics:

2017 Topics to be announced.

If any of our members would like to give a presentation or have ideas for a presentation please contact Ron Sexton (hcwpvl@directcon.net) or one of his committee members David Boutcher (WE2Whealers@sbcglobal.net) or John Brideson (jkbrideson@sbcglobal.net) and let them know. Remember this is your club and the more our club members participate in sharing knowledge the more proficient we all become at our common interest, woodworking.

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Show and tell (7 presenters):

John Roberts



John has brought in a number of his shop storage solutions and jigs to share with us in the past. This time he brought 2 items. The top item is a veneer press with heavy duty cauls. The press platens are made of MDF. The bottom unit is his glue caddy that allows him to store glue and port it to where ever it is needed. Note, he can place the glue bottle in an inverted position to save time dispensing the glue.

Robert Garlick



Our youngest member, Robert is always looking for ideas for his next project. He is currently trying to decide what to create using this nice piece of redwood burl he acquired up in Mendocino County. Under consideration is a clock or a side table. Can't wait to see what he settles on.

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Hank Wilson



Hank has been trying out some new things lately. The picture on the right shows countless colored pencils cast in resin. His intent is to turn it into a bowl. And what to do with the pencils tips that were cut off? Well, glue them together and add a clock mechanism. Note Hank's new vacuum chamber in the center picture. He used an old air conditioner pump for the vacuum pump.

Ed Woodards



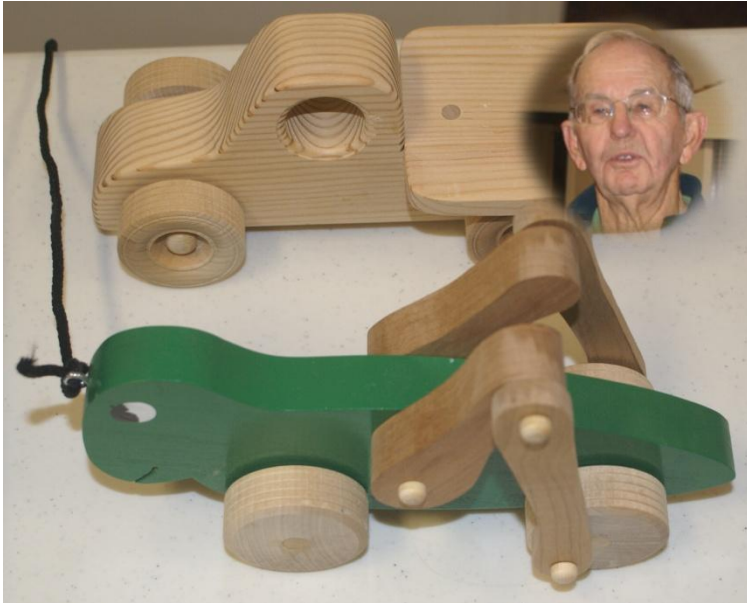
Ed, one our master carvers, shared his latest carvings. The 2 center pieces are butterfly pins. Note the mirror images for the wings. The one on the left is an image of a fish. Sorry I did not note what the one on the right was and picture is not clear.

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Homer Rail



Homer is participating in our GCW Toys for Tots effort again this year. Here he shows examples of the toys he is creating for the effort. When he finished assembling the grasshopper he found that it did not work smoothly because of some glue in the joints. To loosen him up he forced the grasshopper to run on a treadmill, AKA belt sander. He runs great now.

Basil Borket



Basil continues to get requests for his unique breadboards from family members. The breadboard was slightly larger when initially assembled. He had some trouble with machining the trough on the edges. Somehow it got away from him and messed up the edge. So, he cut it down and re-machined the trough. Now we're good. Materials used were walnut, cherry, maple and Titebond III.

Basil has now been declared a club expert on crafting breadboards. By golly he has volunteered to give a presentation on designing and fabricating breadboards at a future meeting. Ron Sexton has his number, so to speak.

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Jim Hunt



Jim continues to expose his artistic side with this latest creation. The cross shown here is made from wine barrel stays and decorated using weld art. This piece is being donated to the Park Community Church to be auctioned at the upcoming car show event on September 24th. The GCW's club will have a booth at the show so be sure to drop by. It is really fun to see all the "antique" cars, AKA, Cars we grew up with!

See car show flyer at end of newsletter.

Raffle Results:

We now use the "raffle per item" method for distributing raffle prizes. Members put raffle stubs in a receptacle associated with a specific prize they are interested in.

--- Woodcraft Gift \$25 certificate
--- Trammel Points
--- Magnetic cord holders
--- Micro Mesh cushioned abrasive sheets
--- Center Finder
--- Belt/Disk Sander unit (donated by Jim Hunt)

Nathan Hinkle
Larry Pfost
Harvey Myers
John Roberts
Homer Rail
Phil Johnson

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Saw and Planer blade sharpening.

A number of members have asked about who we know that sharpens saw and planer blades. Well GCW member Ken Welsh can handle the job. Just give him a call.

WELSH'S SAW WORKS

Formerly Rocklin Saw Works

Ken Welsh

Owner

3021 Crystal View Drive
El Dorado Hills, CA 95762
(Off Bass Lake Road)

Phone: (530) 677-4938

Cell: (916) 275-3388

Businesses that support GCW: *Be sure to stop by Pro Builder*

Placerville, The Paint Spot, Churchill Hardware Cameron Park, Woodcraft Supply Sacramento and the Rockler Woodworking store in Rocklin. Please let them know how much Gold Country Woodcrafters appreciates their support.

Membership Dues: For those members wishing to renew their membership for the 2016-2017 year by mail here is the information you need. Make out a \$20 check payable to Gold Country Woodcrafters. Send to: Steve Cabrol 3000 Builders Place, Rescue, CA, 95672. **Please note on the envelope ATT: Gold Country Woodcrafters.**

The GCW Exchange Corner: **No items listed this month.**

Regards and happy woodcrafting.

Gail Cone

GCW Newsletter editor



GCW Web site: goldcountrywoodcrafters.com

If you have any comments or suggestions please send me an email. If you wish to unsubscribe so you no-longer receive GCW newsletters just send me a reply with the word "unsubscribe" in the subject.

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Owner:
Steve Novelli of Heber City

2016

Car Show

Saturday, September 24, 12:00 - 5:00

Park Community Church's Picnic Area
3901 Wild Chaparral Dr., Shingle Springs, CA
www.parkcommunity.org/upcoming-events/registration

LIVE Music

BBQ, Vendors, and Swap meet
Limited to the first 100 vehicles
Six Trophies Awarded

LIVE Music

For any questions call Fred Ricketts at (916) 225-0014 or email at fredr@boldstone.com

FREE FAMILY FUN / NO ALCOHOL / NO GANG COLORS / NO ATTITUDES