



Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume 13, Issue 10

October 2012



Dave Turner
President

Sawdust Sentinel

By Dave Turner

CVWA- Newsletter 2012

There are two subjects in this month's Newsletter that I would like to talk about. One is about our 11th Annual Picnic, and two, is on the matter of our health and safety in the shop. First, we were served up a perfectly delightful day, weather-wise, when Mother Nature provided us with the beautiful backdrop for a picnic and shop tour. Setting the theme for the first of four shop tours, we came upon Tom and Carla's A-frame home. Nestled deep in the woods, it is accessible only by way of a long winding road, and surrounded by a thick stand of trees. Recently, Tom added a bank of several used cabinets acquired this past winter, and with the white enamel-faced cabinet doors, it really brightened up the shop. With all of the added cabinets, that allowed him to reorganize and rearrange his machines and tools very effectively to create his projects of wood. He had his binder on display showing the many wood projects he has made over the years.

Moving to Dave Dreyer's home, we saw a large space (almost cavernous) from which all of his machines and tools were housed, with elbow room to spare -thus far. His work shop was a newly created building this past year and was completely covered in OSB, to allow him to hang cabinets, odd-sized and extra large jigs wherever he chooses without having to search for a stud. His shop was not fully lit yet and is a "works-in-progress", at least to that end. It was a fun to explore the possibilities of what to do with the new space. With his super insulated structure and radiant heating system, it is a very economical place to escape to. Our "Thank you, Dave!" is in order for hosting our Annual Shop Tour on such short notice.

Continuing on west -and then North, we arrived at

Dan Webb's home and shop. The first thing that stood out was his entrance to his shop. It was very handy to have the stairway to his shop in the garage, especially when delivering wood to the basement. But also, taking finished projects out of the shop that needed to be delivered; how convenient that would be. It was pretty much a straight shot down the steps to his shop. Dan had a pretty complete "set of machines" from which to practice his craft. The shop was very well illuminated, so shadows and dark areas didn't stand a chance. A speaking of "not having a chance", if dust took flight and was zeroing in on any surface, the dust collection system sentinel was there to capture it. It was somewhat unique in that the cyclonic portion of the dust collection system was located in his shop; however, the engine or motor vacuum and filter, each was located outside of the shop and in the garage. Also, his Jet* ambient air filter that hung from the ceiling was anchored to a lazy susan and could be spun around and pointed in any direction. He had a display of several items he had made. And again, a "Thank you, Dan!" is in order for hosting your shop on such short notice, too! We really appreciate it -both of you.

Pointing north again, we headed to our last destination, which was in Waverly, to Duane Huisman's home and shop. To get there, we traveled along the Cedar River and through the woods. As if that was not a pleasant enough experience, before entering Duane's shop we stayed on a path that took us along a well-manicured yard of flowers, which Duane's wife, Betty, was deadheading some potted flowers. Then it was necessary to traverse under a canopy of grape vines, reading a "welcome" sign made of wood to Duane's shop. His shop was good sized with a layout in a somewhat u-shaped pattern. The closet housed his dust collection system and it helped to isolate the noise. Duane has two thickness belt sanders and beside that was a tower rack. I think it was on a mobile base, used for storing his corded tools, as well as some hand tools -very convenient. Of

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course the spiral cutter-head on his jointer was intimidating looking, too. From rocking horses to a finished and unfinished nightstand, and orders for Adirondack chairs, Duane is kept very busy with his business of making varied wood projects for his clients.

The other subject of this article deals with safety. For some time, I have wanted to touch on the issue of lung protection, or the lack thereof (or at least minimal), while in your shop. Chronic Obstructive Pulmonary Disease, or COPD as it is known. The name's handle is a broad term, represented by emphysema and chronic bronchitis, to name a couple diseases. It's not just tied to smoking, but can involve other triggers, such as; hereditary, occupational chemical or dust, and impaired lung growth. Suffice it to say, it is a progressive, irreversible, and a destructive disease of the alveolar and parenchyma tissue of the lung. The capacity and efficiency of oxygen gas transport across the lung tissue to the blood stream is diminished quite dramatically. By definition, emphysema is the abnormal and permanent enlargement of the air-spaces located just outside (the alveolar sac) and at the "top" of the bronchiole terminals and on the other end, the alveolar sac—the, "functioning unit of the lung". And while cigarette smoking is the cause for 90% of the cases of emphysema, it is not the only factor.

I will focus on dust—sanding dust, saw dust to mention a couple factors. These air-spaces, or "air bladders" (enlarged cavities are either non-functioning, or inefficient) develop from continuous exposure to particulate matter, as one example, with the resultant effect of chronic inflammation, constant irritation, cellular isolation and regeneration and subsequent narrowing of the airways leading out from these "grape-like clusters with a stem". With the narrowing of the pathway ("the stem", or bronchioles) comes also a dramatic loss of surface area and ability to function when damaged. Expulsion of carbon dioxide, oxygen and other gases is trapped because of the decrease of forced expiratory volume.

Beyond the physiology of this condition, I would turn to the corrective aspect, prevention, or at least slowing the progression of this disease. Because we're talking oxygen and gas exchange, we're also talking about microscopically small, molecular in size particles that have the ability to cross a very thin membrane, either actively or passively—enter the term "micron" in size.

Obviously, I won't be talking about the pharmacotherapy aspects of the COPD, or the Diagnostician's side of the equation, but I can talk a little bit about the non-pharmaceutical portion of therapy. That is, there are many kinds and sizes of dust collectors and air cleaners available to choose from that will scour, scrub and clean the air for you. If you can swing it with your budget, I would invest in a cyclonic type dust collector that separates larger pieces from very small micron-sized dust particles. Here, I'm talking about the HEPA rated filters that trap sanding dust and saw dust down from 0.3micron to 0.5micron or 1.0 micron in size—the "canister type, rather than the bag". It is this size particle that not only stays air-borne, but also is the size that gets trapped

in the lung and is not easily removed, thus setting up the "inflammatory responses" cascading throughout the lungs. So too, another "devise of necessity" for the shop is the ambient air cleaner. And again, get one that is rated to filter down to 0.3microns to 0.5 or 1.0 micron—the HEPA type filter.

Just a reminder, for our October Club meeting, we'll be having Randy Herman come talk about his cabinet business and also talk about the Omega Outlet Store in Denver, IA, that he manages. He'll discuss materials, drawers, fasteners and sheet goods, to name a few and what he has to offer us.

Reminder too, November is quickly approaching and that means we'll be presenting our gifts of toys to the Salvation Army for the Christmas Toy Giveaway. I do have a spiral-bound book with huge selection of toys w/ patterns now available to check out. Please see me if you would like to peruse it or check it out. We also have a selection of other patterns available. You can see Gene Knief, Reed Craft, or Pat Vollbrecht, or any Board member for other options. I would add too, if you're looking for ideas, we have pictures in the "photo gallery" portion of the web page of past toy projects---Please do take a look and consider making a toy or two.

TAG SALE!!! We have been asked to help with a tag sale for a Mr. Daryl Sullivan. This individual is a true craftsman that can make just about anything, and make it very "heirloom quality" well. He is retiring and selling some remaining well-maintained tools and content of drawers full of items; and from calipers to clamps (Bessey* and bar clamps)—including the rest of an alphabet of tools. A library of wood books and of course, "issues of wood magazines" from day one are available. The sale is;

Finally, we moved our Club's Board meeting place back at my house for Sept. We met in the "board room", both figuratively and literally....My thanks is in order to Paul and Wanda Bailey for hosting the Board meeting place for July and August, rather than at my house. With construction of my garage/shop a lot of "things" have shifted and spilled over into the house, and thus space was limited.

Hope to see you at the October Club meeting.

Dave

For Sale

Grizzly "Heavy-Duty 10" Cabinet table saw, Model # 1023, 220 Volt \$525 Firm.
Jet brand, 4" dia. Dust collector, 1 HP 115 Volt \$100.

Call

Doug 319-235-1544 or
Bob Glawe 319-231-4838

For Sale

Shopsmith 520 with all
Accessories
Contact Terry Duckworth
At 319-233-3150

For Sale

Dayton Blower: Grainger Model #3c539A

G.E. 5h.p. motor /230v.
12 1/4" squirrel cage fan

Details contact:

Dave Dreyer at 319-240-8058
Email: daved@wilsonsr.com

For Sale

DeWalt 682 type 1 plate joiner complete with case and manual. Very good condition \$85.00

Contact Bob Colby at 319-268-0883

The Oak Bulletin Board

The regular CVWA Meeting will be held at the Waterloo Center for the Arts 220 Commercial ST 6:30 PM October 9, 2012

The next Executive Board meeting will be October 17, 2012 at 7:00 PM At Dave Turners home 430 Prospect Waterloo

Scroll saw club meeting , will be @ Art Mehman's Shop 1205 Fairview Ave Painfield .October 25, 2012

Tool Sale Oct 13, 9 AM- 2PM

Daryl Sullivan
30217 Butler Ave
Cedar Falls

- TruGrip 50" Clamp
- Bussy Clamps, asst sizes
- Pipe Clamps, asst sizes
- Worm Drive Circular Saw, Craftsman
- DeWalt Sander 115v
- Record Roller Stands (2)
- Jet 14" Band Saw
- Porter Cable Omni Dovetail Jig and Porter Cable Router
- Williams & Hussey Molder
- Air Compressor, Industrial Air 1.6 HP
- Bessy Deep Throat Clamps (2)
- Face Frame Clamps (2)
- Picture Frame Vice
- Porter Cable Laminate Router
- Bosch Plunge Router
- Delta sliding Shaper Jig
- Makita Random Orbit Sander (3)
- Craftsman 3"x21" Belt Sander
- Makita Finish Sander (1/4 sheet)
- Craftsman Biscuit Jointer
- Bostitch Staple Gun (pneumatic)
- Craftsman Dowel jig
- Pipe Wrenches Inca Miter Gauge
- DeWalt drill 115v 3/8"
- Delta Dado Set (2@)
- Books Magazines
- Delta Sharpening Center w Delta 6" Grinder
- Delta Shaper Cutter Set: Cope and Pattern for 1 3/8" or 1/3/4" Doors
- Porter Cable Router Guide #42700
- Hitachi Cordless Drills and Cordless Circular Saw
- Porter Cable drywall gun 115v
- Porter Cable Drywall trimmer 115v
- DeWalt Random Orbit Sander
- Craftsman Wet Dry Vacuum
- Asst. Hinges
- Asst. Drawer Guides

Corridor Wood turners meeting Thursday October 11 , 2012. Leisure Living Construction 2700 Stonegate CT Cedar Rapids.

CVWA Picnic Meeting 9-9-2012

There were 31 members represented and a total of 48 people enjoying the tours and picnic.

The four shops that were opened to the members this year were Tom Lown, David Dreyer, Dan Webb, and Duane Huisman. Thanks gentlemen for your willingness to show the members your shops!!!

The picnic went well, with the best weather we've had in recent years. The winner of the raffle was Pat Vollbrecht and he chose drill bits and a Porter Cable drill set. The winner of the tape measure was Jim Waring.

Respectfully submitted

Pat Vollbrecht

CVWA Board Meeting September 2012

President Turner called us to order @ 7:00 P.M. All members were present except Hank Morris and Bob Anderson.

Review of the Sept. picnic and shop tour included a request to thank all of those that opened their shop to the club members. So- Thanks Guys!!!! One member of the club had a request to change the picnic before the tours, however the board voted to leave it the way it is.

The Oct. program will be Randy Herman from the Omega outlet store in Denver will be our speaker. The Nov. presenter will be Pete Cullum and the delivery of the toys for the children for the Christmas giveaway at the Salvation Army.

A new book, *Great American Wooden Toys* by Norm Mitchell is available for members to check out. Great detailed patterns are available to all.

The club also has a branding iron (with the club logo) for use if any of the members would like to use it.

Kreg tool is being courted as a sponsor. Also Weiland Lumber needs a logo and recognition in the newsletter.

The newsletter deadline is 9-27-2012.

Bob Hewlitt has volunteered to make additional sanding blocks (like Dave Turner's) to present to new members. Thanks Bob!

Paul will have additional sets of keys made and distribute them to the members needing access.

There were twenty-nine entries into the Cattle Congress wood show this year. Members contributing entries were: Ken Walleser, Bob Colby, Bob Anderson, Tom James, Kevin Bierman, Terry Duckworth, Gene Knief, Reed Craft, and Dave Turner. Thanks gentlemen!!!!

Discussion was held on the need for a 2nd vice president for the year 2012. Not to mention the need for 2013. **Someone PLEASE step up!**

Dick Buchanan with the Woodworkers forum about maybe testing router bits for them.

Marc Adams has contacted the club about presenting a two day workshop for our club and promoting his wood working school. The cost factor is prohibitive.

Minwax is conducting yet another contest this year.

The 2013 club ID cards will not be laminated this year unless there is a special request.

We have received the invoice for the liability insurance. Which is \$251.00.

Respectfully submitted

Pat Vollbrecht

Cedar Valley Woodworkers Treasurers Report September 18, 2012

Kreg Tour Pictures

Beginning Balance 2474.35

Income:

Raffle	70.00
Dividend	<u>.20</u>
	70.20

Expenses:

2477	
Gene Knief- camera light	106.99
2478	
Staples-name tags	21.36
2479	
Dennis Gilroy-picnic expense	<u>82.23</u>
	210.58

Ending Balance 2333.97

Office Fund 1422.48

Tool Fund 911.49

Approximate upcoming expenses

Liability Insurance	251.00
Stamps for Christmas Dinner	50.00
Christmas – all of tool fund +	499.00
Grand prize	100.00

Respectfully Submitted
Paul Bailey
Treasurer



Cattle Congress Pictures



Picnic Pictures



List of Mentors for Club Members. I believe the mentor's time is free, but the person being mentored is expected to cover any material costs.

Canoe/Kayak construction, Chip Schmidt, 277-8504, cschmidt@cfu.net

Detailed Toys, Bob Anderson, 239-7763, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 277-0692, hankannam@aol.com

Has the Ability to figure MOST problems out—Dick Buchanan, 277-2477, rbuchanan@cfu.net

Intarsia, Pat Vollbrecht, 232-1923, patV35@mchsi.com

Fretwork, Garylee Thurm, 279-3219, flytying4u@hotmail.com

Cabinet making, Tom Bussey, 641-435-4354, tebussey@gmail.com

Wood carving, Sid Sidler, 233-1396, sidsstudio@aol.com

Furniture and cabinet building, Jerry Krug, 475-2391, jkrug@netins.net

Equipment Maintenance and repair Bob Colby 319-268-0883

Classes and Services for Pay by Fellow Club Members

Sharpening services by Glenn Johnson, 641-435-2511

Sharpening Stone Sales Gary Lee Thurm 319-231-4577

NEW PATTERN TEMPLATE LIBRARY

Your executive board has developed a new loaner program that might be of interest to each of you. Though the contribution of several different individuals the following full size templates are available for check-out by club members:

Nativity set:

Rocking horse:

Two different doll cradles

Should any of you have a pattern template set that your willing to share, call a board member!

Please remember to patronize our Sponsors!

** Member ID required for discounts



Woodsmith Store**
 10320 Hickman Road
 Clive, IA 50235
 515-254-9494 or
 1-800-835-5084

****501 West 1st Avenue
 Durant, Iowa 52747-9729
 800-344-6657**

**10% Club Discount
 www.hartvilletool.com
 Contact Pat Vollbrecht
 for details
 319-232-1923**

Pittsburgh Paints
 528 West 5th St.
 Waterloo, IA 50701
 319-234-1739

Glenn's Sharpening
 32446 Floyd Line St,
 Nashua
 641-435-2511

Sherwin Willams
 5212 University Ave,
 Cedar Falls
**Offers club members a
 Scheduled discount**
 319-277-1034

Acme Tools **
 1943 Blairs Ferry Rd.
 Cedar Rapids, Ia
 319-363-2211

Officers and Committee Members

Elected Committee Members

President	Dave Turner	<i>Committee Member</i>	Reed Craft
1st Vice President	Terry Duckworth	<i>Committee Member</i>	Hank Morris
2nd Vice President		<i>Committee Member</i>	Robert Hewlitt
Secretary	Pat Vollbrecht	<i>Committee Member</i>	Dennis Gilroy
Treasurer	Paul Bailey	<i>Club photographer</i>	Wanda Bailey /Bob Glawe
		<i>Refreshment Chairman</i>	Bob Anderson
<u>Appointed Committee Members</u>		<i>Newsletter</i>	Jim Wikle
<i>Committee Member</i>	Gene Knief		