



Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume 13 Issue 3

March 2012



Dave Turner
President

Sawdust Sentinel

By Dave Turner

Presidents Article

I believe it can be said that we have had a very informative and productive month on several fronts since our January Club meet. Starting with our gift of hardware given to us from the good people at Barnes Lumberyard and Home Center, we were able to add approx. \$132 to our treasure. That is money that will be used to purchase tools to raffle off and for Christmas tool giveaway.

Also, we were gifted free wood from Wood Components Technology –to the tune of 5 full pallets in total of wood. The various pieces were scooped up rather quickly over a one & 1/2 day period. I personally didn't know what to expect as far as a response goes, but I was pleasantly surprised. Consequently, by popular demand, I was able to obtain 2 more pallets from them, which were picked up in less than a week. Having staged the wood giveaway at my house, afforded me the desirable position of getting to know some more of the members on a personal level and to reinforce attaching their name with a face. Plus, members seemed very open and receptive to talk "wood". Many members did not have an idea what they would do with, or make with the wood. But, I did hear mention of gluing up and turning the pieces into bowls, make some handles for tools, baskets, bases for mounting and carving, and frames to name a few.

The other productive component of my opening thoughts was "informative" in nature. I/we as a Board were treated to a plethora of ideas to collate, harness and review. We hope to bring many of your ideas in upcoming Club meets. Wow! Thanks members. You Rock!

Bill Close's Shop/Studio Tour, New Hartford:

As is often times the case, I didn't know what kind of turnout to expect for the tour. I had 10 people sign up for the tour. Was the weather going to be a factor, though; Is it too nice of a day and would people want to be going out of town, doing something else, or is the weather too bad and

people would stay away because of travel concerns? Well, you members came through and we had 23 people attend (including 3 spouses). I was pleasantly surprised with the turnout as was Bill Close! Bill and his wife, Jane, thoroughly enjoyed themselves hosting and being a docent and rightfully so. It was like stepping into an art gallery. Every wall had art displayed, and not just paintings. Throughout, our senses were excited to see wood art scenes and nature-scapes, and from tables to a clock mounted in different colored wood species and of a different -shaped frame. The mantle above the fireplace was framed in a nature scene all made out of red oak. Bill's pride and joy was his 8-sided poker table that he made and gets used weekly with poker games with his friends. With the wall surroundings and windows throughout, offering a Norman Rockwellian picturesque view, I personally, would have found it hard to concentrate on my poker game. And then we were treated to his shop tour. It was a very nicely arranged shop. It was equipped with the usual shop vac. system, Ryobi table saw, a bandsaw, a belt/disc sander and an old Motocross (?) jig saw (That is his, "go to saw" for making his scene-scapes, etc.), various other tools and hand tools. He had lots of variety of woods, of which mostly it came from sales and auctions, rarely buying from the Stores, except the thin basswood pieces. In wondering how Bill made the tall trees for the scenes, he explained that he would cut the tree out first using his jigsaw, then he would sculpt the branch detail by, using the rounded edge of his belt sander. What he did was to allow the belt to "drift" over beyond the roller, ever-so-slightly, and that would provide one edge of the belt to be exposed, and therefore, to provide an element of flexibility to sculpt out the branch detail.

We then proceeded upstairs to the loft, which was actually living quarters w/ dormers, a bathroom, kitchenette, and office. In the center was a Franklin-type stove for heat. And speaking of heat, the whole house and premises is warmed with geo-thermal heat. As a supplement, the stove was plenty for the upstairs room –on the coldest of days.

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Grizzly "Heavy-Duty 10" Cabinet table saw, Model # 1023, 220 Volt \$525 Firm.
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Craftsman direct drive 10" table (extra blades too) saw with miter gauge & fence. It also has a leg set attached to the saw.

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 319-266-9365 or e-mail
bjfee@cfu.net

DeWalt 682 type 1 plate joiner complete with case and manual. very good condition \$85.00
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The Oak Bulletin Board

The regular CVWA Meeting Will be held at the Waterloo Center for the Arts 220 Commercial ST 6:30 PM March 13, 2012

Corridor Wood turners meeting [Thursday March 15, 2012](#). Leisure Living Construction 2700 Sonegate CT Cedar Rapids.

The next Executive Board meeting will be March 21, 2012 at 7:00 PM @ Dave Turners Home 430 Prospect Blvd.

Scroll saw club meeting , Will be @ Art Mehman's Shop 1205 Fairview Ave Painfield .March 29, 2012

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Surrounded with banks of windows, throughout the shop/studio and house, we could see Bill's (and Jane's) abode provided him with a special setting for inspiration to create these beautiful pieces. Two hours quickly passed and it was time to leave

Bertch Cabinet Tour

We enter the "Panel and Plywood" building. Various processes occur here. The familiar MDF is the substrate used to make foil-faces for doors. It is quite a process to see how the foil-face is applied to the substrate. Rolls of foil are on one end and the sheet then enters an opening where 2 people pressure-spray the "special table" and the framed substrate to rid it of ANY foreign particles, dust, and debris. This debris would otherwise telescope through the foil and show through. Then adhesive is applied where the paneling then goes into a heat press and the foil is bonded to the substrate –I believe one & ½ minutes to 2 minutes – maybe 6 minutes.

Continuing on our tour, we were shown gluing up solid wood paneling, which would then become panels for doors for cabinets –raised panels, etc. An operator then decides which solid wood pieces match, sorted by grain pattern, etc, and stacked in order of appearance where they move to the glue-up carousel for gluing. As the pieces are glued up and "make their way around the carousel", they will then be removed where they move on to edge-sanding and shaping. In the next stage there is a machine that has a windowed-booth that contains spindles for shaping and spindles for sanding the panel edges. This machine has the capacity to put a double-edge shaping and sanding process all at the same time. However, because there are so many specialty sized products available, it is most efficient to run only the single-edge setup. Another tool uses a 4-head sander –2 topside, 2-bottom side for sanding doors.

We would not be discouraged or deterred because of the near-blizzard like conditions outside, when we had to brave the cold and go outside to our next bldg. and that was the "Door Finishing Building and Assembly". Vacuum presses are located here to put the skin on the veneer doors to mention one process. Heat-n-press is another process used for attaching veneer to doors –taking about one & ½ minutes. Hot oil in a drum is source of heat for rolling the veneer on.

Many panels will then be further broken down and staged by orders. Tenoning is typically done first to minimize tearout with the machines.

Where diamond tooling is utilized a tool can run for a year without "retooling". Because diamond head cutters and spindles are so precise, less sanding and abrasive is

required which translate into one less step and therefore saves time.

Pin-n-Pull is another process used when assembling panels to rail-n-stile. A 5/8" pin is nailed into the back of a clamped glued up panel and almost immediately the clamp is pulled and the wood section is then moved to the next station.

They have onboard over 200 skews of plywood types. Nesting is a term used for storing panels until such time as they are needed in the carcass of a cabinet, or panels of a door for later use.

They are sorted and staged, and wrapped up for assembly at a different location or building. Pallets of just the sides may be nestled as an example.

It's interesting that the word "guillotine" should crop up in the conversation; however, that is the actual name of the machine that cuts the thin sheets of wood to various widths. The actual thickness of the veneer sheet goods is 20,000th (of an inch) thick –called "flicks" (I think.), as it comes to Bertch from an outside source. The machine is called, Kuper* Guillotine and has 2-cutter heads on it. Looking at these "sheets" of very thin wood stacked in the same order as they were thinly cut from a tree, you could see what used to be an 8' log in its previous life. In addition, as we customarily see and count growth rings when cutting across the grain of a log, you see wood from a much different perspective when viewing it from a different plane. You see narrow band of the sapwood on the outside edge, 20% rift-sawn, even lower % of quarter-sawn (straight-grained) and then the heartwood or cathedral depending on location of the piece, relative to center as you move in toward the center of the log. I found it fascinating to learn that straight-grain thin veneer is not as desirable as is the cathedral grain. That is due to the fact that cathedral grain makes for a good "bookend" pattern, desirable on doors. So consequently, the "cathedral-grain" section is harvested and the straight-grain is then used to make thin paneling/plywood that will be used on the backs of cabinets. Also, the sheets of veneer that are ordered and delivered can be different thicknesses, depending on what it is going to be used for. By way of example, the veneers for exterior doors will be thicker than interior doors and still different for paneling, plywood and MDF, yet.

The final building we toured was the "Finishing". Even before going inside and with our eyes closed, one could tell what building we would be entering. The smell was a giveaway. Depending on what piece the finish is going on, there may be any number of different coats applied. Three coats -1 sanding sealer + 2 top coats of finish or four coats;

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CVWA Club Meeting 02-14-12

President Dave Turner called the meeting to order @ 6:45 P.M. There were fifty-five (55) members present and one guest.

He reminded members of the items up for silent action for hardware and hinges that were donated by Barnes Lumber in Cedar Falls, IA. and there were European hinges donated by John Mohlis. Winners of the auction would be announced at the close of the meeting.

Dave thanked Warren Brecheisen, Don Collum, Dan Webb, and Don & Barb Gurney for bring treats.

He stated that there would have to be an election at next month's meeting. That we still need a 2nd vice president and that volunteers were wanted and needed @ the executive board meetings.

Dave indicated that he would be picking up additional wood disks from Kurt @ Wood Specialties this coming week. That he would send out a mass email when they were at his home.

John Padget was a guest that spoke to the Northeast IA. Food Bank fund raiser (The Empty Bowl fund raiser). He asked for members to consider making bowls or other items for the silent auction and meal that will be held in April.

Dave also reminded the members of the shop tour being held 2/25/2012 (**note date change**) @Close Quarters Studio. e. Bill Close's shop. The tour will start at 9:00 A.M. at 3061 Deer Trail Dr., New Hartford, IA.

Show and tell: Bob Colby – a jewelry chest, Glen Johnson – a fretwork clock, Kevin Bierman – a turned vase, Barb Gurney – a pull toy and a scroll saw trivet/candle stand, and Dick Buchanan – spiral turnings from his “turning contraption” .

Jigs: I think there were 16 different jigs. Individuals who brought jigs to share with the club members were: Kevin Bierman, Roger Gast, Bob Hewlitt, Dave Turner, Hank Morris, Roger Jordan, Don Collum, Terry Duckworth, Marvin Widdel, and Pat Vollbrecht. The jigs present allow for easier working conditions and better looking projects. Not to mention keeping our fingers away from the cutting tools. **Thanks for sharing gentlemen!**

The raffle was won by Larry Spragle. He chose the Jack Rabbit counter sink system. The 2nd prize, a tape measure was won by Jim Brandhorst.

After the break we broke into groups and talked about what the individuals would like to see as demonstrations and or shop tours. Members were asked about their individual expertise and whether they would consider presenting a program to club members. Results of the survey will be published.

Respectfully submitted Pat Vollbrecht

Minutes of Exec. Board Meet-

ing

2/22/12

The meeting was called to order and started at 7:00PM at Dave Turner's home.

Ten members were present: Dave Turner, Terry Duckworth, Paul Bailey, Hank Morris, Reed Craft, Bob Anderson, Bob Hewlett, Gene Knief, Dennis Gilroy, Wanda Bailey. Absent were; Jim Wickle, and Pat Vollbrecht

Paul Bailey, highlighting the Treasurer's Report, touched on the income that came in from the Silent Tool Auction of \$132.00, Pat V. received payment for the Club for helping with a tool sale (Tag sale) of \$30.00 and Gene Knief expanded on that income. On the expense side, we touched on \$113.96 paid out to Betty Vollbrecht for tools, and \$13.86 for cork and tubing as supplies for making sander blocks for “our guests”.

We saw nine more members paid their dues, for approx. 75 paid-up members thus far on the year. We elaborated on contacting a member or two to fill the 2nd V.P. position still vacant. Hopefully, that will come to fruition so that we can vote on that person to become the 2nd V.P for the remaining year.

We talked about the success of Feb. Club meet. Specifically, we had 16 jigs presented. Additionally, we talked about the plethora of ideas that came out of the 8-moderated break-out small groups. Dave Turner collated and attached a listing of the ideas for programs and Demos, as well as possible tours. (The Board has the attached sheet).

Upcoming programs for our Monthly Club meet were discussed and finalized: March Program will be Big Timber w/ Mike Vermace(sp.), April Program will be Acme Tools of CR [highlighting Bosch Tools (new) product line], May Program will possibly be Glen Johnson discussing saw blades [types of blades and their function] and planes sharpening(?). June Program will be lined up with Dave Turner making the “contact”.

With the addition of the wood pieces we received from Wood Components Technology, Dave Turner suggested that members who picked up some of the pieces of wood and made a project or jig, that they bring their project for SNT (Show-n-Tell). Wanda expanded on that idea to have a “designated month”, possibly in September to show their project or jig. Wanda, thematically suggested, that we could call it, “from scraps-to-treasures”. Reed Craft added that these “special” projects could be entered in the Wood Category contest at the Cattle Congress, also held in September.

Regarding the new microphone, the lavalier microphone is an excellent addition to the P.A. system, as some members voiced it. It was brought up via the ideas from the small group break-outs, that the lavalier, or other hand-held wireless microphone be used in earnest for all people speaking because of diminished hearing of so many of the members. Gene Knief spoke about the cost for a lighting attachment, battery operated w/ L.E.D. type lights to the video camera. Dennis Gilroy added that the problems are poor quality of video picture when filming a Demo. It was tabled for now and decided that if needed, it could be acquired fairly

quickly if the Club needed it, with use being perhaps only 2 -3 times/ per year.

We touched on the upcoming Shop Tour at Bill Close's place of 2/25/12 at 9:00AM (Saturday). Nine have signed up, thus far. Email reminders were sent out as time got closer.

Newsletter deadline is 2/28/12 with Jim Wikle constructing the Newsletter.

Another suggestion that was borne out of the ideas from the small groups, and reiterated by Wanda Bailey, was to have a Q & A segment at our Tuesday night Club meetings. It would be in the format of having a question from one of the members about a woodworking or project he/she is working on, write down a question at the sign-in and then present the question to the moderator. The moderator would read the question to the Club members at large, and whatever person wanted to respond to the question would raise his or her hand, and meet privately with that person to answer the question, either during break or at the close of the meeting. That we do not take up Club time, which could get very easily out of hand, quickly. Another idea, Hank Morris responded to, was on the subject of ebonizing wood; so that could be easily incorporated into a segment as part of a program on finishing.

On the subject of "Toys", Gene Knief brought up the concern of the reduced # of toys that are being presented at our annual toy giveaway for the Salvation Army. One thought was to have an "inventory" of patterns kept by one designated person for checking out, or, have all of them made available on the CVWA Web site -available for anyone to "click" on, print and make the toy of their choice. We would procure the pattern from someone who made a toy in the past and ask them if they would make the pattern available, or if they prefer, let us know where we could obtain the pattern ourselves. Segueing, another idea surfaced regarding having a small shop tour and piggyback that tour with a session of making a toys on a Saturday AM (or an evening during the week).

Bob Hewlett brought up a Spring Garage (Tool) Sale and put the announcement in the Newsletter. From that the idea of having a Tool Sale at the same time as the annual picnic in September, came problems of hauling the tools to the site of picnic, if the person hosting the picnic would even want to have it at their home because of space constraints and for various other reasons. Using a public space for such idea could be problematic, too. Through it all, we decided to table, for this year, the "Swap Meet -Tool Sale".

It was brought up also, concerns of at our Christmas Program tool giveaway, that as the tool selection dwindled, some members did not have a desire to claim their gift, or because of duplication of a tool he/she already has acquired. Understanding that with limited resources and still wanting to provide a quality tool, we need to find a balance of trying to provide a gift for as many members as we can. It was suggested, therefore, that we provide 4 -\$25 gift vouchers to the first 4 members that opt out and they can turn them in to the treasurer before the close of the program and the treasurer will write a check to the member to be spent however he/she chooses.

Reported by, **Dave (in Pat's absence)**

Cedar Valley Woodworkers Treasurers Report February 22, 2012

Beginning Balance	2530.26
Income:	
Dues	225.00
Raffle	109.00
Silent Hardware Auction	132.00
Pat-helping with tool sale	30.00
Dividends	<u>.19</u>
	496.19
Expenses:	
2455 Dave Turner-Crockpot	16.04
2456 Betty Vollbrecht-tools	113.96
2457 Wal-Mart-Office Supplies	12.78
2458 Dave Turner-Tubing & Cork	13.86
2459 Postmaster- newsletter stamps	<u>4.06</u>
	160.70
Ending Balance	2865.75
Office Fund	2569.36
Tool Fund	296.39

Respectfully submitted, Paul Bailey -Treasurer

Continued from page 3

2 sealer + 2 top coats of finish. Typically, an application of UV light is goes on in between each coat. When it comes to sanding doors, there is a machine that has a segmented platen that tells the computer how much pressure to apply when sanding a section, any section of the door. That way, if there is any imperfection in a door, for example, the veneer will not be sanded all the way through. By way of example, if you were to lay a \$ bill on the door going through the sander, it would know how much pressure to apply to the platen, sanding off only the ink on the \$ bill and nothing else.

Several spray booths are located in the Finishing Building and the cabinet, door, etc. may go through more than 1 booth depending on whether it gets 1 or 2 coats of sealer, and how many coats of finish. After the finish is applied all of the hardware is attached –knobs and drawer glides, etc.

Still in the same building, we are taken to the last stop on the product's final destination and that is the corrugated rollers. This machine is feed the dimensions of the product into a computer and the cardboard is cut and fitted to the product and made ready to ship to its final stop –your home or business.

One thing I didn't mention and that is throughout all of these buildings, you will find a sinuous track, guiding the cabinet, doors and molding on their journey of making one customer -a very satisfied customer.

Meeting Ideas

Turning jig (?)
 Spray finishes
 Terry's CNC Carvewright
 Steam-bending
 Favorite web sites
 Adhesives –types and their features
 Gun Stock making –by Larry Stock
 Black-n-Decker representatives
 Insurance on tools
 Plane tune-up
 Raised panel door construction
 Toys
 Wood characteristics: [properties, workability/ (ISU Prof. Harwood(?))]
 Glen Johnson (?): sharpening hand tools/saw blades
 Sharpening turning tools (gouges, curved blades)

Dust collections types/health issue and proper installation
 Veneering & inlays
 Shaker box construction
 How to: dismantle furniture to finish/furniture refinishing
 Safety
 Unique things
 Wood coloring using dyes ,powder and food coloring)
 Joinery: [dovetails, mortising, dowling, scarf joints]
 Tool displays [Black-n- Decker, Acme tools]
 Black maple for Oboes
 Carving (by Sue Orth)
 Finishes: Polys, spray and wipe-on type –conducted at “stations” for a hand-on demonstration
 How to ebonize wood
 Wood vendors
 Tools
 Demo: Bertch, Omega, 2x4 contests, carving
 Sulkies for horse racing –wheel-making

TOURS:

Amana tour w/spouses included

Sawmills:

Fishsticks, Weilands, Larry Schares(?)/
 Gilbertville bandsaw mill, Pierce Lumber mill /
 Belle Blaine, IA,

Kreg tour (Huxley, IA),

Wood Components Technology (CF Indus. Park.),

Bacon Veneer tour (Grundy Ctr., IA),

small shop tours –incorporate project-making w/shop tour,
 COMBINE Business Tour w/ Home Shop Tour(2-or-3
 stops)/worthwhile for “ out-of-towners” to make it

Piano repair

\$25 gift drawing

Tool Sale w/annual picnic –Club receives 5-10% of
 proceeds/money-maker

New tools tips

Carving Class

Sid Sidler is again teaching a carving class at the Art Center
 220 Commercial ST starting March 8, 2012 for six
 Thursdays, register at the Art Center 319-291-4490

Show and Tell



Upper Left: Glen Johnson's Fret work clock

Upper Center: Barb Gurney's Scroll saw trivet/candle stand

Upper Right: Kevin Bierman's turned vase

Lower Left: Dick Buchanan's Spiral turnings

Lower Right: Bob Colby's Jewelry Chest



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

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**

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Clive, IA 50235

515-254-9494 or

1-800-835-5084

Pittsburgh Paints

528 West 5th St.

Waterloo, IA 50701

319-234-1739



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

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

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



**10% Club Discount
www.hartvilletool.com**

**Contact Pat vollbrecht
for details
319-232-1923**

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

Officers and Committee Members

Elected Committee Members

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Committee Member

Jeanine Begalske

1st Vice President

Terry Duckworth

Committee Member

Hank Morris

2nd Vice President

Committee Member

Robert Hewlitt

Secretary

Pat Vollbrecht

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Dennis Gilroy

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Club photographer

Wanda Bailey /Bob Glawe

Refreshment Chairman

Bob Anderson

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Committee Member

Gene Knief

Newsletter

Jim Wikle