

# Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume I111, Issue 1

January 2012



Dave Turner  
President

## Sawdust Sentinel

By Dave Turner

### Presidents Article

My thoughts and observations-

I've been a Member for some 6+ years –and it's only gotten better each year for me.

I came, not once but twice, as a guess of Dick Buchanan. But, I thought I would try it a year and become a member, sit in the back, in the shadows, observe and would be entertained. However, with encouragement from Mr. Buchanan, that soon changed.

Right away, I soon realized that even though I was greatly intimidated by all of the “Masters” in the Club, I knew also, that I wanted to hone and improve my woodworking skills and learn from the Masters. I did not want to be held back by my insecurity.

I soon realized that I would not be made to feel inferior. I had only to ask and anyone was willing to answer my question(s), or at least that person could direct me to someone in the Club that would be able to answer my question! How cool was that! No condescending remarks from anyone, only camaraderie from people sharing their love of woodworking –on so many fronts and many levels.

This was for me! I was important! Coming to The Club meetings, was like getting to go to the Movies once a month, and meeting your best friend(s), sans the popcorn! (However, a variety of other threats would be provided.) Ugh! I have no will power.

It's always exciting to see new projects made for Show-N-Tell. But equally so, it's nice to see new faces present their projects for S-N-T. I think one feeds on the other; and by that I mean, when the seasoned woodworker continues to presents his/her project, that, sometimes stimulates the newer woodworker to also, “GIVE IT A TRY” –the flame is lit and Viola', a new woodworker is born. That said, from an intermediate woodworker's point of view, in the short time I've been a member (but there are times when I still consider myself a novice, especially when a “masters” has just shown his project), I see everyone as a first

place winner Each-And-Every-Time he or she steps up front to show or display their project or enters a contest.

And speaking of contests, I know firsthand (all right second hand) about rejection from not winning contest(s). I know a writer and poet that has submitted many works for either publication or contests only to get the standard rejection notice stating, that, “it doesn't quite fit, but please resubmit at a another time”. He or she will either, submit it to another publication or a contest, or put it down and move on. Judging a written work can be very subjective, too. You've written, rewritten a poem, put it away for months, if not years to let it cure, and stepped back to get a different perspective. All the while, you've just fine-tuned your work and honed your skill. You have done the best you can at that point and you're very pleased, and at peace with the way your thoughts were put were put on paper. That's all that matters in the end. That too, is the way it is with woodworking. Whereas, a writer is given the gift of hand to put the word to quill, a woodworker has been given the gift of hand to create a wooden “master piece”. He or she moves on to the next challenge.

So I say. It's easy to see that CVWA's Mission Statement is alive and well.

Like a hologram projected before me, as your president in 2012, I will endeavor to keep our Mission Statement in the forefront and let that be my guiding light.

In the meantime members, find that project that thrills your senses and stimulates the intellect inside you to create your project of wood that says, “Now that's craftsmanship”.

Dave

Article

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## Files & Rasps



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



Craftsman direct drive 10" table (extra blades too) saw with miter gauge & fence. It also has a leg set attached to the saw.

Call Bob Anderson 319-239-7763 or 319-239-7998 **Asking price \$125.00.**

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 Contact Terry Duckworth  
 At 319-233-3150

**For Sale**  
 1961 DeWalt Radial Arm Saw  
 Contact Bill Fee  
 319-266-9365 or e-mail  
[bjfee@cfu.net](mailto:bjfee@cfu.net)

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 January 10 2012

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

The next Executive Board meeting will be January 18, 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 .January 26, 2012

*Don't overlook these simple hand tools. A basic set of files and rasps makes quick work of many jobs.*

It's just a hunch. But I'd be willing to bet that files and rasps are the most "forgotten" tools in woodworking. Maybe that's why they often end up in the bottom of a toolbox gathering dust (and rust).

But don't sell these simple hand tools short. Whether you're sharpening a scraper, roughing out a curved shape on a work piece, or just smoothing an edge, a basic set of rasps and files is an incredibly useful addition to your toolbox.

There's only one problem. Files and rasps come in a bewildering variety of shapes, sizes, and types.

So which rasps and files do you include in a basic set? To answer that question, you need to understand a bit about how they work

### Rasps

A rasp removes a lot of material in a hurry. So it's great for shaping a work piece like a cabriole leg or the curved arm of a chair

**TEETH.** There's a good reason a rasp cuts so quickly - it has hundreds of sharp, raised teeth, see the left inset photo above. These teeth are arranged in parallel rows on wood rasps and cabinet rasps. As a result, these rasps tend to leave grooves in the work piece like the furrows from a plow.

**PATTERNMAKER'S RASP.** That's why I usually follow up the initial shaping with a special rasp called a *pattern-maker's rasp*. With this rasp, the teeth are spread out *randomly*. So you don't have to worry about leaving a trail of grooves to clean up.

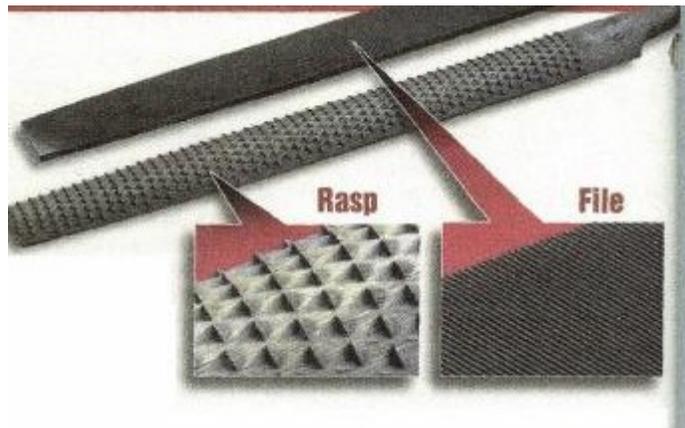
The only drawback to a pattern-maker's rasp is the price. For example, a 10" Nicholson #49 costs about \$36. But for the smooth, controlled cut it produces, I think it's worth the cost.

### Files

Even with the smoothest cutting rasp, it still leaves a surface that's a bit rough and "fuzzy." So for final smoothing, I reach for a file.

**CUTTING EDGES.** Unlike a rasp, a file I doesn't actually have teeth. Instead it has diagonal rows of *cutting edges*, see right inset photo above. These edges are formed by making diagonal cuts in the file. Because of these cutting edges, a file makes a clean, shearing cut that produces a smooth surface.

**CUT.** The pattern of the cutting edges on a file is called a "cut" A *single-cut* file has a series of diagonal cuts that run in one direction



only, see photos below left. But a *double-cut* file has second set of intersecting cuts that form diamond-shaped cutting edges.

Which "cut" is best? That depends on the job. A double-cut file removes material more quickly on wood. But it's too aggressive for metal. So when sharpening the edge of a cabinet scraper for instance, I use a mill file which has a single cut.

### HOW THEY'RE ALIKE

In spite of their differences, files and rasps do have some basic things in common. Keeping these things in mind will make it easy to select a set that's most suited to the type of work you do.

**GRADE.** First, you'll need to decide on the grade (coarseness) of the file or rasp. Typically, you'll find three grades: smooth, second-cut, and bastard. Note: These are listed from finest to coarsest. For most work, I'll use a coarser file or rasp like a second-cut or bastard. They're more readily available. And they don't clog as quickly.

**LENGTH.** But the grade isn't the only thing that affects the coarseness of cut. The *length* of the tool also plays a part. For example, within a single grade, a longer file (or rasp) has larger, coarser teeth than a shorter one. So a low"-long bastard file is *coarser* than an 8"-1011g bastard file. And it gets more confusing yet. As a rule, you'll find that a file which is one grade finer and 2" longer has the *same* size teeth. This means that a 10" second-cut file is just as coarse as an 8" bastard file.

**SHAPE.** Besides the grade and length, you also need to decide on the *shape* of the file. Here again there's a shape for most any job, see photos above.

Note: For a look at the basic set of files and rasps that we use, see the box below.

### CARE & CLEANING

As with any quality tool, a little preventive maintenance goes a long way in keeping your files and rasps nice and sharp.

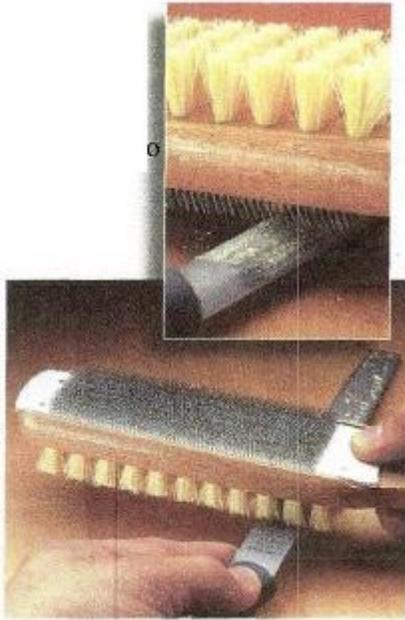
**STORAGE.** Even something as simple as the way they're stored can make a difference. Because the steel is heat treated to make it extremely hard, the teeth will chip if they get banged around. So I store them in a tray with



*The diamond-shaped cutting edges on a double-cut file (top) remove material more aggressively than a single-cut file (bottom).*

dividers that keep each one separate.

**CLEANING.** With use, a file or rasp will get clogged with dust or debris. Besides preventing it from cutting effectively, this dust accumulates moisture which will cause the metal to rust. To prevent this, I use a special brush called *file card* to keep them clean, see photos next page. It has nylon bristles on one side to sweep out the loose dust. And spring steel wires on the other side make it easy to remove any material that gets packed in.



## Files & Rasps - A Basic Set



6.

Sources: Garrett Wade 800-221-2942  
Lee Valley Tools 800-871-8158

ShopNotes July 1998 Reprinted with permission

Del Shafer, Kenny Walleser, and Don Cullom.

### CVWA Club Meeting 11-148-11

There were total 59 members present as well as 52 significant others.

The annual Christmas party officially started at 6:30 P.M. with all attendees being asked to vote for the show and tell items and then goes through the goodies that were brought to share. More than enough food was available for all the wanted it. **Thank you all that prepared the goodies!!! A special thanks to Dennis & Sara Gilroy for all their planning and work!!!**

President Gene Knief called the business meeting to order @ 7:25 P.M. Gene read a letter from Captain Rob Whitney from the Salvation Army thanking all that made toys for the children.

President Knief presented a letter to Rex Pershing for his donation of wood for the Salvation Army toys. Being a 501 3c corporation, allows donations to the club to be tax deductible. **Thanks Rex and Barbara!!!**

The ladies attending tonight were eligible for different table decorations made by the scroll saw club an offshoot of the club. President Knief acknowledged the scroll saw members for there hard work. **Thanks**

**Thanks to all that brought in a project for the show and tell aspect of the party!!!!** There were 32 different contest entries, all of which were worthy of winning a prize. Individuals bringing projects were: Paul Bailey, Wanda Bailey, Barb Gurney, Terry Duckworth, Pat Vollbrecht, Don Andersen, Reed Craft, Glen Johnson, Kevin Bierman, Garylee Thurm, Tom Bussey, Sid Sidler, Dan Wolf, Pete Cullum, Gordon Pint,

The results of the voting for the winners in each category were tabulated by Dave Turner and Terry Duckworth. The winners were: Turning – Kevin Bierman, Carving – Sid Sidler, Toys – Kevin Bierman, Misc. – Reed Craft, Furniture – Tom Bussey, and scroll saw/ fretwork – Glen Johnson. There were no entries in the Intarsia category.

The **People's Choice Award** went to Tom Bussey for his absolutely beautiful / functional work bench. **Great workmanship!!!!**

The tool winners this year

were: Don Andersen -2 sets drill bits, Elvira Andersen – Rockler drill driver set, Robert Anderson – small piece router jig, Paul Bailey – drill press laser pointer, Wanda Bailey – leather apron, Bart Bergquist – latex gloves, Kevin Bierman – pull saw. Roger Bluhm – pull saw, Warren Brecheisen – Kreg pocket system, Roger Butts – 36” bar gripper, Robert Colby – Kreg set up bars, Don Collum – Rockler drill driver set, Reed Craft - sander, Pete Cullum – router bits, Terry Duckworth – back to back 36” bar clamp, Steve Forssberg – Safety pusher, Garry Gardiner – pull saw, Bob Glawe – router bits, Tom Gloviak – 11piece router templates, Barb Gurney – sand paper, Don Gurney –aux. fence clamp brackets, Kevin Hartnett – router radius set, Robert Hewlitt – router templates, Duane Huisman – jig hardware kit, Waldean Jensen - aux. fence clamp brackets, Craig Johns – 3 pc undersize router bits, Keith Johns – butterfly templates, Glen Johnson – digital protractor, Roger Jordan – Kreg corner clamp, Gene Knief – Kreg ½” pocket hole system, Jerry Krug – router circle jig, Carl Leavell – digital measurer, Bob Lee – strip cutter, John Mohlis –

50" straight edge, Hank Morris – Kreg clamp, Harold Morrow 24" gripper bar, Bill Neal – forstner bits, Rex Pershing – pull saw, Gordon Pint – Rockler drill drive system, Bob Renz – sand paper, Del Schaffer – sand devil, Chip Schmidt – drill press laser, Ken Schwake – Kreg screw assortment, Vernon Tapper – Kreg corner clamp, Dave Turner – Rockler drill driver, Mike Varco – Bessey circle clamp, Pat Vollbrecht – fixture knobs & screws, Ken Walleser – shelf drilling jig, Jim Wikle – tri-square, and Fred Ratchie – sander.

**The Grand Prize** was Bob Anderson. Spend the \$100.00 wisely.

Congratulations to all the winners! For those that didn't win this year, better luck next year.

2011 President, Gene Knief thanked all that helped with the "running" of the CVWA this past year. **Great job Gene!!!!**

Dave Turner, 2012 president elect, presented Gene and certificate thanking him for his service this past year. Terry Duckworth and his talent using his "Carviewright" presented Gene a walnut plaque, thanking him for his service too.

Respectfully submitted

Pat Vollbrecht

#### CVWA Executive board minutes December 2011

President Knief called the meeting to order @ 7:00 P.M.

The treasurers report was presented and showed the beginning balance of \$2423.60, income of \$1055.16, expenses of \$1391.00 with a ending balance of \$ 2051.82 in the general fund and \$35.94 in the tool fund. With the total of \$2087.76.

We currently have 49 paid members that will be eligible for the free dues drawing in January because the dues were paid before Dec. 31, 2011.

January's demo will be our own Dick Buchanan showing his spiral router cutter. February will be shop made jig by the members and discussion groups to see what the members want for demonstrations at the meetings. March will be Big Timber, April will be Acme Tool and May might be The Match Museum. Other possible demos include: Darrell Sullivan boat – Glen Johnson saw blades – Kevin Bierman turning and Pete Cullum (to be decided).

Thoughts were expressed on the 2011 Christmas party. Changes will include: 4 rolls of table cover – descriptions from contest entries of their projects - voting and then eating and move the table decorations to the front for better distribution to the ladies winning.

There will be a tour Jan 12<sup>th</sup> @ 9:00 A.M. of Bertch Cabinetry. February will be Bill Close's shop and gallery.

The news letter deadline is 12-27-2011.

**Members bringing show & tell to the Christmas party --- please bring them to the January meeting and tell us about your project.**

The picture gallery will be updated.

The Minwax grant application was submitted by Dave Turner.

Twin City Tree removal donated some unusual wood for the turners.

Members present at the meeting were: Gene Knief, Dave Turner, Terry Duckworth, Paul Bailey, Wanda Bailey, Hank Morris, Dennis Gilroy, Bob Hewlitt, Jim Wikle, Reed Craft and Pat Vollbrecht.

Respectfully submitted

Pat Vollbrecht

## Cedar Valley Woodworkers

### Treasurers Report December 21, 2011

<b>Beginning Balance</b>	<b>2423.60</b>
<b>Income:</b>	
Dues	1055.00
Dividends	<u>16</u>
	<b>1055.16</b>
<b>Expenses:</b>	
2448 Postmaster-Stamps	44.00
2449 Betty Vollbrecht-Tools	1225.23
2450 Postmaster-Newsletter	15.36
2451 Betty Vollbrecht-office supply	6.41
2452 Bob Anderson-Grand Prize	<u>100.00</u>
	<b>1391.00</b>
<b>Ending Balance</b>	<b>2087.76</b>
<b>Office Fund</b>	<b>2045.41</b>
<b>Tool Fund</b>	<b>42.35</b>

# Christmas Party Projects



# Christmas Party Projects



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, 232-9813, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 235-0692, 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\*\***

10320 Hickman Road

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  
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800-344-6657**

**Glenn's Sharpening  
32446 Floyd Line St,  
Nashua  
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**Acme Tools \*\*  
1943 Blairs Ferry Rd.**

**Cedar Rapids  
319-363-2211**



**10% Club Discount  
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**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**

**President**

**Dave Turner**

***1st Vice President***

**Terry Duckworth**

***2nd Vice President***

***Secretary***

**Pat Vollbrecht**

***Treasurer***

**Paul Bailey**

**Appointed Committee Members**

Committee Member

**Gene Knief**

Committee Member

**Jeanine Begalske**

Committee Member

**Reid Craft**

Committee Member

**Hank Morris**

*Committee Member*

**Robert Hewlitt**

*Committee Member*

**Dennis Gilroy**

*Club photographer*

**Wanda Bailey Bob Glawe**

*Refreshment Chairman*

**Bob Anderson**

*Newsletter*

**Jim Wikle**