



### Upcoming meetings

Aug 4 TBA  
Sep 8 Stuart Mortimer  
Oct 8 Sat-John Betts  
Nov Alan Lacer  
Dec 8 Xmas Party

## Newsletter July 2005

### Rocky Mountain Woodturners

A Chapter of the American Association of Woodturners

#### Next Meeting

Thur July 7th 7:00 PM  
Industrial Sciences Building Rm 105  
Cindy Drozda – Bandsaw Tune-up

#### Auction

Our auction raises a bit of money (about the cost of the newsletter) and gives our President another opportunity to practice “calling an auction” (perhaps for an alternative income in retirement?).

#### Tuning Up With Cindy Drozda

How is your band saw sound/doing these days?  
Does it need a Tune Up?

**Cindy Drozda** will demonstrate how to tune a band saw at the July 7<sup>th</sup> meeting. Since many turners use the band saw for many projects, it is a good thing to know how to get the most out of this tool **safely**.



#### All You Ever wanted to Know About Sandpaper – and more

At the June meeting Randy Childers, President of Childres Sharpening Service in Englewood, spoke about sandpaper. Now, that sounds about as interesting as watching paint dry. However, those turners who attended the June meeting came away with helpful information that was presented well and quite interesting.

There are three parts to good sandpaper: Grain, Backer, Binder. Actually, there are the same parts to poor sandpaper, but there is a difference.

Grain = Grit; Backer = Paper or cloth; Binder = glue/resin. The three are put together in some of the longest buildings in manufacturing. The process is “linear” with the end product being a roll called a **Jumbo** that is 54” wide and 1000 yards long. A bit much for your Volkswagon, and it is all one grit.

The backer starts through the system and a thin coat of polyester resin is applied. The grit, which has been screened as many as seven times for total size control, is electronically drawn **up** into the resin. This part makes all the grain/grit “stand-up” uniformly.

Controlled heat is applied to begin to cure the resin. Then more resin is applied to fix and hold the grit to the paper or cloth backing and additional heat continues the curing. The printing on the back of the sandpaper with grit size, density, paper thickness and flexibility is done at the beginning of the manufacturing “run.”

Early sandpaper used natural products like flint and garnet for grit. Today most of our sandpaper uses man-made products.

**Aluminum oxide** appears more like a square in profile with a sharp point exposed through the resin. As the sanding is done the point is worn down and does not cut as well, but the sandpaper lasts a long time.

**Silicone carbide** particles appear more rectangular in profile with its sharp point exposed through the resin. As the product is used the point fractures along a plane that produces a new, sharp point. When the particle fractures down to the resin line, the product is used up.

Sandpaper sheets will provide information helpful to the artisan. The **grit size** is often the most important number. However, there are several sandpaper makers that use their own unique numbers. Japanese papers will have different numbers than American papers.

Paper/cloth weight will be indicated usually in letters A to E, A being the thin weight. Wet-Dry paper will be indicated. The coating density of the **grit** will be indicated: Closed indicating the particles are close together; Open indicating the space between the particles is wider. (Density is an indicator of how quickly the sandpaper will “load up” during use.) Coated sandpaper indicates there has been a lubricant applied to facilitate “sawdust” leaving the spaces between grits particles.

Many turners are interested in sandpaper that will flex/fold to get into tight grooves and coves. The letters X, Y, J and JJ tell the user the manufactures designation of flexibility: X= single flex; Y= double flex; J and JJ triple flex.

Randy Childers encouraged sandpaper users to use name brand products (i.e. 3M, Carborundum), as this was one way to depend on quality. In a manufacturing “run” the “run-up” and the “run-down” portions have the highest level of potential inconsistency. The “mid-run” is the highest quality product that will have the name brand and will be cut to usable size by the manufacturer. The “run-up, run-down” portions are often sold to discount jobbers who cut, package and sell their own brand.

Many woodturners have a particular animosity to sanding. Some go to great lengths to avoid sanding. Some even make excellent “finish cuts” that require little to no sanding. Some even wood burn designs (like baskets) or sandblast texture to avoid sanding. For the rest of us, we are grateful for sandpaper...from 60 grit all the way to 1500 grit.

( Lee Whiteside, reporting)

**7<sup>th</sup> Annual Rocky Mountain Symposium**  
**September 17 – 18 at The Ranch I-25**  
**Crossroads Blvd.**  
**Larimer County Fairgrounds.**

Features: Hands On Learning Center – Wood and Tool Vendors – Instant Gallery – 35 Rotations of Classes – Auction of Tools and Turnings – Banquet on Saturday night.

All this for \$130 single, \$200 couple, \$75 Teachers, \$25 Students

Contact: Dick Moody, registrar  
1809 Newton Drive  
Cheyenne, WY 82001-1651  
Call: 307.632.4405  
[Rmoody1266@aol.com](mailto:Rmoody1266@aol.com)

Featured National/International Turners: Al Stirt, Vermont; Stuart Mortimer, England; Dale Nish, Utah; Lee Carter, CO; Trent Bosch, CO; Cindy Drozda, CO; David Nittmann, CO; Curt Theobald, WY; Doc Thode, CO; Skip Bellock, Utah.

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

**BIG THANKS to Mark Kurzmac for his work on the Symposium!**

**AAW National Symposium**  
July 22-24 in Overland Park, Kansas

The American Association of Woodturners hosts an annual symposium for people like you and me. Turners come from every corner of the United States and from many places that are "off-shore" for us. Last year in Orlando there were over 800 in attendance. There are 238 Chapters of the American Association of Woodturners. Rocky Mountain Woodturners is one of the AAW Chapters.

Several members of Rocky Mountain Woodturners have demonstrated at the national event in past years: Lee Carter, David Nittmann, Cindy Drozda,

Curt Theobald, Trent Bosch, Bruce Cohen. And many of the "big Name" turners who have been here have demonstrated at the AAW: Alan Batty, Stuart Batty, Chris Stott, Stuart Mortimer; England. Marilyn Campbell; Canada. Giulio Marcolongo. Stephen Hughes; Australia. Dale Nish, Bihn Po, Dick Sing, Bonnie Klein, Don Derry, Mike Mahoney (and many more whose names I cannot remember at the moment.)

Check it out online: woodturner.org The National AAW may not get closer to us than Kansas City (Overland Park) for many years.

### **DEMONSTRATOR ASSISTANTS NEEDED** **In KANSAS**

Be a volunteer. Have the best seat in the house.  
Get a FREE re-TURN to OZ T-shirt.  
A chance to assist a demonstrator of your choosing (FIRST COME, FIRST SERVE, no guarantees).  
Contact Jim Lambie 913- 681-1058

Duties involved are:

Help Demonstrator prepare and set up his tools if needed. Does he/she need the light moved?  
Does he/she need water? Help clean up before and after demonstrations.

#### **CAMERAS**

This year Deryl Duer will have training sessions with our new Mini-Camera set up and the one Video Camera. As you arrive on Thursday and after you register, go through a training session to familiarize yourself with the set up.

Pick up your T-shirt and check to see where you are on the Demo-Assistants rotation board.

If you arrive on Friday or Saturday, training sessions will be at 7 am in the designated room.

### **Club News**

\*Max Krimmel is looking for someone to give him a ride to the AAW Symposium in July. He can be reached at [www.maxkrimmel.com](http://www.maxkrimmel.com) if you are interested.

#### **FOR SALE**

12" swing Rockwell / Delta Lathe  
48" bed length, Floor model with Factory stand,  
Heavy duty, All cast iron, Complete with factory motor. Excellent condition \$400.00

Contact Dan Bailey

970-482-1604

E- Mail [danandnancy2@comcast.net](mailto:danandnancy2@comcast.net)

### **Denver Club Picnic – August 6**

The Denver Turning Club has extended RMWT an invitation to their annual Picnic on Saturday, August 6, *Chainsaw In The Park*. It will be held at Barnham Park near I-70 and Federal Blvd. We are meeting at 12:00 noon for picnic lunch (BYO) and Social time. The demonstration will start at 1:30.

Demonstrations at *Chainsaw In the Park* will be:  
Dan Bailey – From Tree To Bowl  
Ron Bentall – Crotch Cutting for Feathers  
Dan Bailey – Build a Kiln

Here's a link to a map of Barnham Park.

<http://maps.google.com/maps?ll=39.723858,-105.027237&spn=0.023330,0.040443&hl=en>

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### **Shop Tips**

Lathe Vibration – Try putting Lathe on a Piece of Carpet. Try bolting it to the Floor. Try 4 –6" self locking wheels. Try loading base with sandbags or buckets of rocks.

Lacquer a mess - Try cans of spray. No brush to clean. Finally cost effective.

Fine Finish – Sand to 600, Raise grain with alcohol, sand again.

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### **Dues and Membership Cards**

Membership cards are ready for those who have paid their 2005 dues (\$25). Membership cards will get you 10% discount at several turning supply places. See Lee Whiteside, secretary.

Below are some of the pictures from the Instant Gallery table.



### **Coming Attractions**

For those of you interested, here is a listing of Denver's upcoming presenters.

August 6th Saturday: Chainsaws in the park.

Sept 5th: Maybe Stuart Mortimer in coordination with Ft. Collins Club, Loveland Symposium.

October: Open - working on Tom Wirsing to Demo

November: Maybe Alan Lacer

**The Shop**  
**Mouse Says:**

*Skill comes  
through  
perseverance.*



**Learn from the best...**

Our Club is becoming known around the nation because we have some of the best turners, nationally known demonstrators and best teachers of **Basic Turning, Intermediate, and Advanced and Specialty Turning** right here in our own back yard.

**Lee Carter** operates the **Rocky Mountain School of Woodturning** in La Porte. He offers classes in Basics, Intermediate and Advanced.

Contact Lee for a current schedule.

Call Lee Carter at 970.221.4382 to sign up or have him answer any questions.

e-mail [LLJTC4X4149@CS.COM](mailto:LLJTC4X4149@CS.COM)

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**Trent Bosch Woodturning** in Ft. Collins offers three-day sessions of non-stop turning and carving classes.

Call Trent Bosch at 970.568.3299

E-mail [trentbosch@yahoo.com](mailto:trentbosch@yahoo.com)

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**Curt Theobald** offers three-day workshops in **Segmented Woodturning** in his studio in Pine Bluffs, Wyoming.

Call Curt Theobald at 307.245.3310

E-mail [cwtheobald@wyoming.com](mailto:cwtheobald@wyoming.com)

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**Wood Suppliers**

10% Guild discount at the following:

The Wood Emporium

618 N Garfield Ave

Loveland, Co 80537

Turning Supplies, Bowl Blanks, Finishes

Sears Trostel

351 Linden

Ft. Collins, CO 80524

Rockler's in Denver – You have to show your membership card.

I need to confirm with Ron Vanous but it looks like we will be able to get 10% off at Paxton's. I'll keep you posted.

Kevin Kyhl also sells hardwood and turning stock in Ft. Collins once a month. You can email him at: [kyhlwood@direcway.com](mailto:kyhlwood@direcway.com) to get on the notification list of when he will be in town. He will give us a 15% discount on items from the turning room only. Just mention that you are with the RMWT and he'll take care of you.

Dan Bailey has bowl blanks for sale all roughed out, dried and ready to turn. He also has access to CA glue that is less expensive than other sources. Call Dan 970.482.1604

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