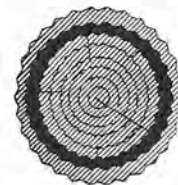




Minnesota Wood Turners Association



An Affiliated Chapter of the American Association of Woodturners

November 1996

Volume 10 Issue 6

Northfield Art Show

On Sunday, August 25th eight of our members took pieces down to the Northfield Arts Guild Gallery and setup the exhibition for the following month. It took about 2 hours to distribute the stands, mount the shelves that Joe Nopola brought from Duluth and label and price the pieces. Thanks to James Tracy, Don Wattenhofer, Joe Nopola, Steve Brown, Ron Meilahn, Ed Johnson & his son Dale and Dave Schneider for setting the show up.

We had 13 members exhibiting over 50 pieces and sales were moderate. Members participating were James Tracy, Chuck Pitschka, Don Wattenhofer, Craig Lossing, Steve Brown, Alan Lacer, Joe Nopola, Ed Johnson, Mel Turcanik, Bob Carls, John Berglund, John magnussen and Dave Schneider.

The reception on Sunday, September 15th was very busy and at times it was difficult to move with the number of people in the gallery. Thanks to Don Wattenhofer for demonstrating on the Associations' lathe

On Sunday, September 30th we had 4 members help to close the show down, pack all of the remaining pieces and return them to their owners.

Welcome to the following members that have joined us since mid year:

Nathan Stanley
Alan Lacer
Cathi Geisler
Arthur Nelson
Peter Kess
Jerry Tschida
Dwayne Kaelberger
Erling Hallanger

Peter Kess from the KESS Gallery in Ely has sent us the following letter. Please contact Peter if you would like to participate.

I would like to invite you to participate in a project that I am developing. The wood I am providing all comes from one tree, a tree planted by Ely's Sigurd Olson, author of Singing Wilderness, Listening Point, and other books. Olson was also a botanist/naturalist and had planted this box elder in his yard.

After seeing the brochure for the Woodturner's show in Duluth last spring, I was inspired to think of this project. I would like many different craftspeople to create a piece of their own design, the common thread being that all of the wood came from the same tree--this tree planted by a well known naturalist.

Since the tree was harvested last spring, I have made contact with a few turners, but the association seems like a wonderful way to connect with a number

turners at one time.

At this point, the plan is create an exhibit of all of your work, certainly in Ely, maybe going to Duluth or Ashland, and eventually creating some way to auction or sell the pieces with a substantial portion of the profits going to fund a literary scholarship or something else, as Mr. Olson's heirs suggest.

For your part, please take a piece of wood, create what you want, send it to me with a bill for what you want as compensation, and I will send you a check. As I get closer to setting up the exhibit, I will want business cards, biographies, etc. to use in conjunction. Some turners are doing "before and after" photos, some are writing something about how this piece of wood appealed to them personally, some are just doing the piece and collecting a check. The range is pretty wide, so far, do what

Olson Continued on page 8

Please see the back cover and Page # 8 for Membership renewal for 1997

Inside....

- 1..Know your Minnesota Trees
- 2..Cyanoacrylate Glues (Hot Stuff, Super Glue)
- 3..Variable Speed Drives
- 4..FYI to members
- 5..Past and Future Meetings
- 6..Want Ads
- 7..Membership dues for 1997

Local Board

President:
Chuck Pitschka (612) 935-0660

Vice President:
Don Wattenhofer (612) 572-1045

Treasurer:
Ron Meilahn (612) 633-8902

Program Director:
James Tracy (612) 571-3374

Newsletter Mailing:
John Ratliff (612) 770-6471

Librarian:
Duane Gemelke (612) 566-8516

Newsletter Editor/Membership:
Dave Schneider (612) 934-4667
e-mail: DSchWdTurn@aol.com

Treasurers Report: Ron Meilahn

Dec 1995 Year end Bank Balance
(excluding 96 dues received) \$578.

1996 Activity thru 10/20/96

Income

1996 Membership Dues (98 Paid)	\$1,890.
Glue Sales(Net)	\$65.
Meeting Wood Raffles (6 to date)	\$138.
Personalized Name Tags @ \$2ea	\$34.
Duluth Exhibit (27 entries)-final surplus	\$42.
St Catherines Demo/Other	\$240

Total Income \$2,409.

Expenses

Professional Demo Costs (gain)	\$66
Library Tapes, VCR Rental, etc	(\$31).
Newsletter Printing, Postage	(\$373).
Tools	(\$-).
Annual Liability Insurance	(\$75).
Prizes, Board Mtgs, Misc postage, Kits	(\$670).

Total Expenses (\$1,083.)

NET Operations YTD-FAV \$1,326.

Membership Deposits-Library Tapes
and 1997 dues \$80

Checkbook Balance as of 10/20/96 \$1,984

Member Helpline

Do you have a question or need help with a project or turning? The following members have volunteered to try and answer your questions, or get you pointed in the right direction for the answer.

John Engstrom	(612) 475-0307
Jim Jacobs	(612) 437-2302
Ed Johnson	(612) 224-4194
John Magnussen	(612) 477-6294
Hal Malmlov	(612) 789-9616
Dave Schneider	(612) 934-4667
Don Wattenhofer	(612) 572-1045

If you would like to help out and have your name on this list, please call Dave Schneider @ (612) 934-4667

Know Your Minnesota Trees

Information from Minnesota Division of Forestry

HACKBERRY {*Celtis occidentalis*}

FORM Height 40' to 75', diameter 10" to 3'; limbs often crooked and angular; tree head made up of slender pendant branches or short, bristly, stubby twigs when growing in forest; in the open, crown is generally symmetrical.

BARK Grayish-brown, much roughened with prominent, short, corky ridges.

LEAF Alternate on twig; length 2" to 4"; ovate and sharply toothed toward end of leaf; oblique at base; prominent veins; hairy on upper side.



FRUIT Berry like drupe, 1/4" to 1/3" in diameter; thin, purplish skin; sweet yellowish flesh; sometimes called sugar berry; ripens in September; frequently hangs on tree most of winter.

RANGE Found sparingly in southern part of state, and western part northward through the Red River Valley; most abundant on rich alluvial soil, but will grow on various types of soil from the poorest to the richest; never found in pure forest stands.

WOOD Heavy, rather soft, weak, and coarse grained; fairly durable in contact with soil; light yellow or greenish-brown with narrow white sapwood; used in manufacture of cheap furniture, fuel, and only occasionally for lumber. It is a good shade tree and is often used in ornamental planting in southern Minnesota.

BITTERNUT (SWAMP) HICKORY {*Carya cordiformis*}

FORM Tall and slender with straight, green trunk, broadly pyramidal crown; height 40' to 75', diameter 10" to 25".

BARK Granite gray, faintly tinged with yellow; broken into thin, plate like scales; not as rough as most hickories; bark does not strip off as that of shagbark hickory. Winter buds are compressed, scruffy, bright yellow, 1/2" or more in length and are often without scales.



LEAF Alternate; compound; length 6" to 10"; composed of 5 to 9 leaflets, with each leaflet relatively much smaller and more slender than that of other hickories.

FRUIT Nut usually thin shelled, smooth, brittle; length about 1" with thin husk which usually splits only partly down side. Nut is broader than long; kernel is very bitter.

RANGE In rich, moist woods, common southward and extending through the Big Woods north to Mille Lacs and infrequently to the upper Mississippi and the tributaries of the St. Louis River.

WOOD Hard, strong, heavy, and reddish-brown, used for hoops, fuel and farm implements. Considered somewhat inferior to the other hickories.

HOT STUFF Instant Glues, (One Part) Cyanoacrylate Glue, Use Guidelines

Use Guidelines:

With any supply, getting used to the way it works by practice & use are the best teachers. As a starting place these guidelines have been collected from experience and are provided so that you might get the most from the HOT STUFF Glues.

They are not a substitute for regular aliphatic (woodworkers) or plastic resin assembly and laminating glues, however HOT STUFF Glues will become an Extremely useful & Time Saving TOOL in any shop, repair, or touch-up facility.

Also at this time we would like to say that it is the craftsman's roll to determine the suitability of this very permanent glue in such repairs as Antiques & musical instruments where such use would make later finishing and or repair work difficult. It is this authors opinion (and generally held) that such repairs as genuine antique veneers should still be made with hide glue in keeping with the integrity and value of the piece. (If any one has tried to refinish or dye a veneered surface that has been repaired in part with modern non stain taking glues you know what an impossible and difficult situation this can be.)

- * Store UNOPENED bottles in the refrigerator or freezer, (this will give maximum shelf life after opening)
- * Bring bottles of glue to room temperature prior to opening.
- * DO NOT store opened bottles in refrigerator. The cool bottle will condense atmospheric moisture and cause premature curing and shorten shelf life. This will shorten shelf life of the glue.
- * DO NOT poke pins or nails in the spout this introduces foreign matter and atmospheric moisture that can shorten product life and make an unbelievable mess of the tip.
- * DO wear eye protection!
- * DO tap the tip sharply and squeeze air through the tip (wear eye protection) after use and prior to replacing the cap (Always replace the cap). Occasionally there will be a small hardened "pin" of glue in the tip of the spout, remove by pulling out with fingernails or the tip of a knife or pin.
- ** Tips and Caps that become hopeless can be revived by soaking in acetone in a small lidded bottle for a day or so, let dry

thoroughly prior to placing the spout and cap back in service. Extra tips and over caps are available 2 sets to a box. (Extra tips are good to have on hand. I can tell you from experience that the tips WILL get clogged immediately if you happen to get in contact with a part or surface where the accelerator is active.)

- * When Refinishing, Glue prior to cleaning or stripping, any excess will be taken care of in following operations.
- * On finished surfaces a coat of wax around the area (not in the joint or crack) will keep any excess from sticking to the surface.
- * DO NOT apply the accelerator too soon as foaming and bubbling will occur.
- * DO NOT Refill Glue Bottles; the partially cured adhesive in the bottle will accelerate and shorten the shelf life of the added glue.

There are 3 Glues in the System:

For simplicity we will refer to them by their LABEL color (all the glues are water clear.)

Red label, Hot Stuff:

is used for assembled joints (such as chair stretchers and legs that are loose and wont come apart easily, tight cracks, and any place a thin viscosity fast dry glue is called for.

Yellow label, Super T:

is the general purpose glue, its medium viscosity & drying time allows some alignment and assembly time.

Green label, Special T:

is a heavy bodied thick viscosity glue allowing the most assembly time and is excellent on very porous surfaces or where complex alignment and assembly requires the most time to work.

**** Very Important:**

NCF MILD Surface Preparer Accelerator is part of the gluing system and while there are times where it is not called for, trying to use the glues without the accelerator is like trying to win a fight with one arm tied behind your back. The NCF Mild accelerator is an excellent degreaser and prep prior to gluing. The accelerator has a part life of approximately

8 minutes. If you desire a sure bond (especially on hard surfaces where manufacturing oils may remain) clean, then squirt the part or parts with NCF Mild -- allow to set for 9 minutes then proceed with gluing.

How To Use HOT STUFF Instant Repair Glue

- * The Red glue (5-10 second set) is a thin glue with great capillary action; runs into cracks like hot solder into a copper pipe joint - is used where the other glues can't be used:
- * Loose tenon joints such as chair spindles or rungs that won't come apart easily or that are pinned in place yet still loose.
- * Tight cracks in trapped panels as in cabinet doors or chests.
- * Assembled furniture where glue joints open up and can be pulled together with clamps (such as loose dovetailing on drawers or finger joints where only one corner is loose).

Example: Gluing a wobbly chair.

- * Clean around and in the loose joints, blow loose dirt out with an air gun if available.
- * Place the chair on a surface so the glue runs down into the loose joint.
- * Glue only one or two joints at a time.
- * Use the thickest glue that will easily run into the crack. If the joint can be disassembled use the Green glue (on very loose parts) or Yellow glue (on tight or good fitting parts), in the mortise (the hole). If the wood shows signs of being very dry and brittle soak the tenon with a coat of Red glue and allow to dry 10 seconds then apply one squirt of NCF Mild Accelerator to ensure that the part is dry. Put the Green or the Yellow glue in the hole and assemble the joint hold tight or clamp for about 20 seconds for Yellow and 60 seconds for green. Prior to releasing pressure squirt joint with accelerator. If upon inspection the joint still shows an open crack apply drops of Yellow (or Red for very small cracks) and squirt with accelerator after a few seconds. Proceed around the chair gluing only the upward facing joints at a time so that the glue doesn't run down the chair legs.

Example: Fixing stripped out screw holes such as for door hinges or any screw hole

Glue - Continued on Page 5

TORQUE AND HORSEPOWER IN VARIABLE SPEED DRIVES

CHARLES J. WOODRUFF

Whenever I discuss variable speed drives one of the first questions asked is "doesn't it lose power at the slower speeds?". To answer this question I need to define the elements of "power" that are of interest to a woodturner: these are torque and horsepower.

In terms of woodturning, torque is a measure of the twisting force on the spindle needed to remove a particular size shaving from the piece being turned, 1/16 inch, 1/8 inch etc.

Horsepower is a measure of the rate of doing work. In terms of woodturning it is how fast you put the shavings on the floor. The equivalent measure of work for the woodturner would be ounces of shavings per minute or pounds of shavings per hour. (You could mathematically convert this measure of work to horsepower) You can also see that we can put the same amount of shavings on the floor in different ways. A light cut at high speed will be equivalent to a heavy cut at a slower speed. The weight of the shavings hitting the floor will be the same therefore, the horsepower is the same but the torque will be different.

With these definitions in mind lets go back to the variable speed drives. DC motors with an electronic speed controls, Adjustable Frequency AC Drives and Hydraulic Drives are all constant torque devices. In other words as you go slower you can make the same size cut but you are putting fewer shavings on the floor.

What gives these devices a bad reputation is misapplication of the drive by not considering the underlying principles that I hopefully put into plain English above. Lets say woodturner "A" has been turning

spindles at 2500 RPM on a lathe with a variable speed drive set at maximum speed. Woodturner "B" arrives with a bowl blank and decides there is no need to move the belt for a slower spindle speed when he can just slow the spindle to 500 RPM with the motor speed control. By the above rules he will only have 1/5 the horsepower available that "A" had but he will still have the same torque at the spindle.

What the variable speed drive provides is the throttle control for each gear, just like a car. It cannot function as a one speed transmission to cover all situations.

But there is another whammy. The bowl is larger, therefore the lever arm where the tool is making the cut is longer, requiring more torque for the same size shaving.

This a classic case of putting the car in overdrive and attempting to start up a hill. A lathe is not unlike a



vehicle with a transmission. You need to select one gear for hills, and others for city streets, freeways etc. What the variable speed drive provides is the throttle control for each gear just like a car. It cannot function as a one speed transmission to cover all situations.

These are simple Engineering principles but I know of two major machinery manufacturers that have designed wood lathes with a "one speed does all" approach. The results have not been satisfactory and the reputation of the drives has suffered. (A major automobile manufacturer marketed a car in the early 50's with a transmission that had a similar one speed approach. The result was equally dismal.) The Engineering miracle in these drives is that are able to maintain constant torque.

As a practical matter I find that two speed ranges will handle most situations. I am also an advocate of using a variable speed motor on a lathe with a variable speed belt arrangement. These devices typically give a 10:1 speed that can be used to pick a speed range for the variable speed motor instead of a stepped sheave.

Charles Woodruff is an Engineer and Woodturner who also sells motors and drives. For further information contact him at:

CHARLES J. WOODRUFF
5507-55TH AVE SO.
SEATTLE WA. (206) 723 8487

FYI to Members from Mel Turcanik

When I was at the AAW symposium I picked up a flyer from HWB Enterprises Inc. They do custom machining of faceplates, adapters and toolrests.

I called the number and spoke with Howard Borer, the President. He requires a check before making the tools for you, since he doesn't stock the items before they are ordered. I feel this is fair. He took my specifications over the phone and I sent him a copy with my check and order.

I recieved a standard straight 6" tool rest at \$12.50 and a metal spinning tool rest at \$40.00 for my Conover lathe which requires a post about twice as long as the standard Delta. They came in a reasonable time, I think is was about 2 weeks, a very reasonable time for custom made parts. The parts were as described. The standard tool rest is a 2" angle welded to a post. The finish on the post was very fine but the upper edge of the tool rest was still the unfinished black mild steel. I feel the few minutes which I spent with a belt sander to dress that surface was well worth the low price of the tool rest. The fit of the pins in the metal spinning rest was air tight, very well done.

I feel the items I received were a good value and shipping costs were low. I wouldn't hesitate to order from this company again. A call will get you a flyer and price list.

HWB Enterprises, Inc.
25275 S.E. Hoffmeister Rd.
Boring, OR 97009
(503)658-3409

Members Steve Brown and Dave Schneider have said that they have had positive experiences with HWB also.

Glue - Continued from Page 3

for mounting hardware.

- 1: Clean out loose dirt with air gun if available.
- 2: Use a dowel or whittle a plug of the appropriate and dry fit (leaving overlong for easy removal). If hole is large and the job warrants the hole can be drilled out to match the diameter of an available hardwood dowel.
- 3: Remove the dry fitted plug, apply a few drops (depending on size) of Red to the hole and immediately a few small drops (2 to 3) of Green.
- 4: Insert the prepared plug and gently tap into place. (If squeeze-out occurs wipe away excess with a clean cloth.)
- 5: Count to 20 and use 1 or 2 squirts of Accelerator on the repair.
- 6: Inspect and if any sizeable cracks remain, squeeze drops of Yellow glue around the plug, wait a moment & accelerate the glue as before.
- 7: Trim the plug off flush with sharp knife, chisel, or bead saw (taking care to protect the surrounding area from damage). Especially with softer woods, apply 1 or 2 drops of Red glue to the center of the plug, this will soak in & help harden the fibres and provide a stronger material for the screw to bite into.
- 8: Drill a small pilot hole using the hinge or hardware as a positioning template and re-insert the screw. (In practice this process can

often take less time than reading the above explanation.)

Example: Mounting green/wet wood & for faceplate turning on the Lathe.

- 1: Prepare a dry hardwood disc the diameter of or slightly larger than the lathe faceplate being used. If a 1 1/2 in. thick disc is used the parting tool can remove the turning by wasting the mounting disc so the maximum thickness of the turning material can be used.
- 2: The disc is mounted to the faceplate with 3/4 in or 1 in screws so that the screws penetrate the mounting block from 1/2 to 3/4 inch. (This step may be done last especially if one is short on faceplates or a batch of turning blocks is being prepared.)
- 3: Prepare a Flat surface on the base of the turning block & position the mounting block and mark the perimeter.
- 4: Apply the Yellow glue to the glue block and a couple squirts of accelerator to the turning blank & immediately press the two together and clamp or rap sharply with a mallet.
- 5: Check glue line and apply Red glue to any open crack, count to 5, and accelerate with a squirt or two. Mount the face plate & for safety stand out of line when starting the lathe.
- 6: Hairline cracks, soft spalted wood, and defects can be repaired before and as turning progresses with the HOT STUFF Glues.

Example: Finish Repair of chipped clear finishes can be accomplished quickly with just a little practice.

- 1: Clean, then apply the Green glue; allow to dry & add more if necessary. (don't accelerate this could cause foaming)
- 2: Cut down repair with Fine emery paper & rubbing lubricant then rub out to desired sheen.

Example: Carving

Fix splits, loose knots, reinforce soft sections of wood and assemble parts. Use the techniques as outlined in previous examples

Article reprinted with permission of LIBERON/Star Supplies

P.O.Box 86

Mendocino, CA 95460

Fax: 707-877-3566 -- Toll Free Order

Desk: 800-245-5611 -- Information: 707-877-3570

Editors Note:

The Minnesota Woodturners Association prints information for its members use and does not endorse these products but will print members comments on them.

MWA Meeting - Saturday, September 14th, 1996

We met at Hill/Murray High School on a beautiful September afternoon, which probably held the attendance down to the 18 people we had at the meeting. We started with our general business meeting mentioning the Northfield Arts Show reception the next day, the Northwoods Show at Southdale in October and a financial report from our Treasurer.

We had Show and Tell with a threaded

antique turned and highly carved bowl that he had inherited and was gathering opinions on how to fix or live with a crack that had developed in the bowl.

The main part of the meeting was an excellent demonstration by Paul Kachelmyer on basic bowl turning. Paul took us through the steps on how he takes the wood from a blank all the way through to how he sands and finishes the piece. He also did a natural edged bowl and then showed

how he sharpens his tools.

Thanks Paul!

John Engstrom videotaped Paul's demo so we should have that available in our library within the next couple of meetings.

We finished the meeting with a wood raffle that brought in \$14 for the treasury.



Paul Kachelmyer explaining the gouge angle

egg that Don Wattenhofer did on his threading jig he designed and also a Duck Call that Don had made for his Son-in-law. Duane Gemelke showed an Egg with a very pretty oriental stand on it that he made from a "mystery" wood from one of our wood raffles. It looked like Maple burl but we couldn't get a consensus on that. Al Gaskell brought in an



Duane Gemelke with his Egg and Stand

MWA Meeting - Saturday, October 5th, 1996

Harvesting wood and chain saw operation / safety.

by Ron Meilahn

We met at John Magnussens' home in Hanover nestled on the banks of the Crow River.

John had a large Hackberry tree growing near the river that had been severely damaged by a recent storm. Our meeting focused on using this fallen tree to demonstrate the harvesting of green wood and the proper safety and operation in using a chainsaw. The meeting began a little bit early due to the premature arrival of this huge front end loader John had hired to pull the

tree back from its' overhang into the river. 24 attendees looked on as the fallen tree was pulled back from the rivers edge.

Duane Gemelke and Dave Schneider then demonstrated chainsaw safety operations, safety tips including the correct stance, potential hazards such as kickback, the wearing of safety eyeglasses and ear protectors, etc.

Next, three chainsaws and twenty some eager workers tore into the downed tree amidst a swirl of sawdust and chainsaw smoke. It didn't take very long before a large brush pile was completed and pieces of Hackberry were converted into varying sizes of turning stock. Don Wattenhofer said he was going to make a hat out of a large section of the trunk and Dave Schneider cut out the main crotch and expects to get an 18" to 20" rough bowl out of it. Hopefully we will see the fruits of their labor at our next meeting. After the field work was complete, all members were invited to take home as much wood as they could use; the meeting then retired to Johns pole barn for the business session.

The Treasurers report was followed by a brief discussion by Paul Keller on the availability of a Product Safety Catalog from "Lab Safety Supply". For a copy of this catalog on all sorts of safety equipment, you can call 1-800-356-0783. Next it was announce that one pound packages of various grit sandpaper will be available at our next meeting for the very reasonable price of \$2.00 each. (See Ron Meilahn on this.)

Also, we were reminded that James Tracy and Dave Schneider will demonstrate the making of Christmas Tree ornaments at our next meeting. The November meeting will also kick off the Christmas Tree Ornament challenge - similar to our Easter Egg challenge last spring.

Finally, our meeting concluded with a guided tour of Johns' "Trophy Room", loaded with an elegant display of his beautiful turnings.

Thanks John, for hosting a very successful and informative meeting.

Future Meetings & Events

November 19th, 1996

Tuesday 7:00PM to 9:00PM -

WOODCRAFT Store in Bloomington,
MN 9741 Lyndale Ave S. 884-3634

Making Christmas Ornaments -

James Tracy and Dave Schneider will demonstrate some of their methods for making Christmas ornaments. There will be a wood raffle and bring in what you have been doing for "Show and Tell".

December 10th, 1996

Tuesday 7:00PM to 9:00PM

Board Election, Christmas Ornament Challenge, Annual Christmas party, and gift swap. NorWest Bank, 1200 Silver Lake Rd, New Brighton, Mn. 1 block North of Interstate #694 @ the crossroad of Palmer Drive. It is on the NW corner, across the street from McDonalds.

January 14th, 1997

Tuesday 7:00PM to 9:00PM

Location to be determined later.

Al Gaskell will give a presentation dealing with screws, primarily the power driven "drywall" type, their uses and different ways to use them in turning, fixturing and jigs.

Following Als' presentation we will have a **Member participation meeting**. This will be a meeting where members will talk, show and/or demonstrate a favorite technique, tool or jig that they use. There will be a wood raffle and bring in what you have been doing for "Show and Tell".

Minnesota Woodturners

Member Alan Lacer will be giving a seminar and professional demonstration, sponsored by The Woodworkers Store, on Saturday, November 16th. For more information/cost, call 1-800-279-4441

Christmas Ornament Challenge

At our December meeting, bring as many Christmas ornaments you have made and match them against what other members have done. They can be any style, size, material and color as long as you have turned them. Lets see how creative we can be. This will be the same as our Easter Egg challenge in that members will vote on the different categories. (i.e. Best of Show, Most Unique, Most Colorful, etc.) This should be a fun event and lets see if we can get everybody to participate.

Christmas Gift Swap/Drawing

Along with our Christmas Ornament Challenge, we will have our annual gift swap. Members that want to participate should bring in a turned piece to be put into the gift pool. They will then be given a number and their gift will be given another number (this is so you won't get your own gift.) There will then be a drawing of numbers and when your number is called, you get the gift that your number was assigned to. Remember, you have to bring a gift to receive a gift and also be included in the drawing for turning gifts from the Minnesota Woodturners Association and donated gifts from our various business associations.

Minnesota Association of Woodturners Membership Survey

Name _____ Date _____

Background Information

a. Woodturning Interests:

Spindle Turning	Custom made tools
Bowl Turning	Tool Sharpening
Segmented Bowls	Finishing
Chucking methods	Other _____

b. Experience level: Beginner Intermediate Advanced

c. Do you own a lathe? Yes No

Brand(s) and Model Number(s) _____

d. Would you like to participate in small group sessions in other member's shops with two or three other members? Yes No

e. Additional comments - Please let us know what you want as a member of this association

Olson Continued from page 1

suits you.

I know that it sounds free-form, but this is a project that has a will of its own, and I am confident that as long as I believe in it, whatever happens, it will turn out to be a good thing. I am looking to have most of the works back to me by February 1 st. That way, I can still have some time to arrange display space for next summer/fall. Maybe I can dovetail with next fall's literary conference in Ely's Holiday Inn as the culminating event.

In the mean time, take a piece of wood, make something, and let's put a show together. Already other possibilities enter my head...maybe I have a few pieces for woodcarvers, chipcarvers... Where will this go?

Call me if you have questions or ideas!

Sincerely,
Peter Kess

KESS GALLERY

Peter Kess, 130 E. Sheridan Street, Ely, MN 55731, Phone 218-365-5066

Sigurd F. Olson

was born in 1899 and was one of our country's well-known ecologists and interpretive naturalists, having dedicated his life to the understanding and preservation of wilderness. Educated at Northland College, the University of Wisconsin and the University of Illinois, he held a number of honorary degrees and was recognized nationally through numerous awards for his writing and environmental activities.

A professor and dean until he began devoting himself entirely to building awareness and appreciation of wilderness everywhere, he was at one time President of the Wilderness Society, and also the National Parks Association. He served as a consultant to the Department of the Interior and to conservation organizations. Until his death in 1982, he lived in Ely, Minnesota, gateway to the wilds he came to know so well as a guide in his youth.

Membership renewal for 1997

It's that time of year again for renewal of our memberships. Dues for 1997 are due by January 1, 1997. Don't miss out on this coming year's events. We have scheduled two professional demonstrations for 1997 plus many other interesting meetings.

1997 Membership Application/Renewal MINNESOTA WOODTURNERS ASSOCIATION

Name (Please Print) _____

Telephone # _____

Date _____

Address _____

City _____

State _____

ZipCode _____

Dues are \$20.00 yearly (Starting In January)
but \$10.00 after July 1st of that year

Amount Enclosed: \$ _____

Please Check: Renewing Member ☐ New Member ☐

Are you a member of the AAW? Yes ☐ No ☐

New members will receive all issues of the newsletter starting with January of the year you join, plus a new members kit.

I would be willing to:

- Help out at meetings ☐
Be on a planning committee ☐
Help out at demonstrations and/or shows ☐
Serve on the Board of the Association ☐
Contribute to the NewsLetter ☐

Mail To:

MN WOODTURNERS ASSOCIATION
c/o Ron Meilahn
1638 23rd Ave N.W.
New Brighton, MN 55112

Classified Ads

Turning related, personal classified ads are free to members. Commercial ads are billed at \$4 per month, per column inch. To place an add, call Dave Schneider. (612) 934-4667

Submission deadline of Ads and Articles for the Newsletter is the 1st of the month prior to publication. (Le. The 1st of Dec, Feb, Apr, Aug, Oct)

Turning Squares

Turning squares of Bloodwood, Purpleheart, Honduras Mahogany, Philippine Mahogany, Cocobolo, Bocote, Bird's Eye Maple, and Wenge are approximately 1 1/2" x 1 1/2" x 22"

They are \$5.00 each or \$24.00 for an assorted package of six.

Dymondwood

Dymondwood is made of natural hardwood veneers that have been impregnated with specially formulated resins and permanent coloring agents. It is then bonded and densified under very high temperatures and pressures.

Turning squares of Dymondwood are approximately 1 1/2" x 1 1/2" x 8".

The squares come in four colors: Blue, Brown, Red and Green.

They are \$3.50 each or \$12.00 for an assorted package of four.

FOR MORE INFORMATION

CHUCK PITSCHEKA @ (612) 935-0660

For Sale: Cherry Wood

John has purchased a large Cherry tree and has pieces available to members for at a very reasonable cost. Contact John Magnusson @ (612) 477-6294

Election of Officers

Elections of officers for our association will be held at our December meeting. Please consider the possibility of being an officer or Board member for the club.

All officer positions are open for election. The term of office will be for two years for newly elected officers, and will run from Jan. 1997 to Dec. 1998. For incumbent officers, the term will be 1 year and run thru Dec, 1997. Thereafter, elections will be held yearly with terms of 2 years for the positions open. By staggering these positions, we will not have a mass turnover of the board and maintain stability of our leadership by always having experienced members on the board.

All of the current officers have served for at least two years, and some have served for four, or more years. It is important to see new people in these positions to insure that different viewpoints, interests, and opinions are reflected in our meetings.

Serving as an officer is an excellent way to return to the organization some of what you have gained from being a member in it.

There is only one qualification necessary to run for office, a willingness to put forth the effort to do the job. It is important to note that woodturning skill level is not a factor. In fact, this is a prime way that lesser skilled members can contribute to the club.

We ask that you please consider the possibility of serving as an officer. We will be asking for volunteers at the upcoming meetings. If you cannot attend those meetings, but are willing to serve as an officer, please call Dave Schneider @ 934-4667, Ron Meilahn @ 633-8902 or Duane Gemelke @ 566-8516, to volunteer. We will have a finalized list of candidates by the December meeting and will vote and count any absentee ballots at this meeting.

The officers positions that are open and their responsibilities are listed below:

President: Be an active advocate for the Association with other groups etc. Conduct the business portion of the meetings and to schedule board meetings. Make decisions, along with the other officers, concerning the who, what, when, and where, of meetings, events, and demonstrations.

Program Director: Work with the board to determine meeting subjects and sites. Make phone calls and arrangements to set up demonstrators and meeting sites.

Members at Large: (2) Responsible for helping out at Membership meetings, attending Board meetings and helping out whenever possible.

Secretary: To take notes at Membership and Board meetings.

Videotaper: We need volunteers to videotape meetings.

For Sale:

DELTA LATHE: 12" swing with approximately 16" over the Gap Bed on a Re-enforced totally enclosed metal base. Has an extended bed for longer spindle work. 1 1/2 HP DC Variable Speed Drive with Reversing switch. Excellent condition. Heavy Duty. \$1200.00

Contact: Don Wattenhofer @ (612) 572-1045 5312 Horizon Dr. Fridley, MN 55421

For Sale: DELTA/ ROCKWELL 12" WOOD LATHE model 46-306 (est. 1951) 12"

inboard dia., 46" bed, 1" spindle, 'old style' HD tailstock, cast iron legs with wood shelves, new bearings, 1/2 h.p. 1725 r.p.m. motor (115/230v), 4 speed step pulley with index plus 4 step 'jack shaft' (20 speed combinations), 12" tool rest and base, 24" tool rest, spur drive, ball bearing cup, 3" inboard face plate, 1/2" RIGID chuck on #2MT, more.

\$750.00 Philip 699-7938

VICTORIAN WOODTURNING AND WOODWORK

Balusters, Newels, Stairs, Railings, Porches, Verandas, etc

An unabridged reprint of the 1893 catalog of the

Blumer & Kuhn Stair Co., with 130 plates and and introduction by

William L. Stephenson, Jr.

\$16.95 plus \$4 s&h (OH add \$1 state tax; allow 4-6 weeks delivery)
Chestnut Publications, PO Box 844, Loveland, OH 45140

For Sale: Sealtite 60 to protect your green wood from checking and cracking.

Available In the following quantities:

2 Quarts \$7.75

3 Quarts \$11.00

1 Gallon \$14.00

Contact Dave Schneider @ (612) 934-4667

Minnesota Woodturners Association

Dedicated to providing education, information and an organization to those interested in woodturning.

REMINDER

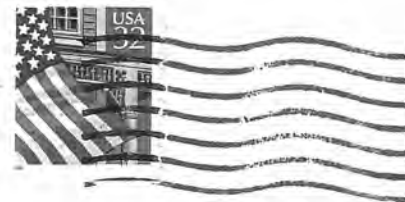
Membership Dues for 1997 are Due

Please return your renewal subscription for 1997 so you will not miss out on the Newsletter, upcoming meetings and special events for next year along with the advantages of discounts on woodturning products for members.

(Renewal form on page # 8)



Newsletter Editor
Minnesota Woodturners Association
16777 Thatcher Rd
Eden Prairie, MN 55347-2261



First Class Mail

November 1996

