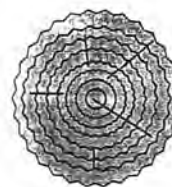




Minnesota Wood Turners Association



An Affiliated Chapter of the American Association of Woodturners

May 1996

Volume 10 Issue 3

Congratulations to our members that made the the back cover of the March 1996 Issue of American Woodturner. Jonathon Sybrant's artistic nutcrackers, John Magnussens white oak burl hollow form, Mel Turcaniks walnut shallow form and Rus Hurts spalted maple burl hollow form made a perfect back cover for the AAW magazine, March 96 issue.

Upcoming Events:

National Woodturning Symposium "Turning Ten"

June 22-24th, 1996 at the Koury Convention Center in Greensboro, North Carolina. For more details please contact: Mary Redig, Administrator American Association of Woodturners 3200 Lexington Ave. Shoreview, MN 55126 Phone (612) 484-9094 FAX: (612) 484-1724

UTAH Woodturning Symposium '96

June 6,7,8 at Provo, Utah. For info: Tel # 801-378-2021 or write P.O. Box 50196, Provo, UT 84605-0196

International Wood Collectors Society Annual Woodfest at Purgatory, Colorado. June 9-14, 1996. Tel. # 800-468-6996

Northfield Arts Guild/MWA Woodturning Exhibit Aug 29-Sept 28th Call James Tracy (612) 571-3374 for more information

Northern Woods Woodworking Exhibition for 1996. A reminder to all members that the Northern Woods Woodworking Exhibition will be held in October of this year and it is time to start thinking about what you would like to enter in the show. If you are interested please contact Don Wattenhofer(572-1045) or Chuck Pitschka (935-0660) for further information.

Safety

We wish to remind all members and guests, that woodturning can be dangerous. Many of our members have had accidents and injuries of some sort with the lathe. This is a reminder, that by attending our meetings, or using information from our meetings, you do so at you own risk.

We do ask everyone attending a meeting to sign the "attendance sheet and liability release", for that meeting. This includes members and nonmembers. We also want to remind you that if you wish to be near the lathe at a demonstration, that you are required to wear approved eye protection.

Summer meeting?

Since our inception in 1987, we have not had meetings in June, July or August because of lack of attendance due to vacations, etc. Is there an interest within the membership to have meetings in this time period, maybe a picnic or just a general get together? Please contact a Board member if you are interested in any of the above options or would like to help organize one of the mentioned options or any other type of activity.

Future Meetings

May 96 - See page #11

September 96 - Basic bowl turning, Paul Kachelmyer

October 96 - Wood Gathering, Chain Saw handling, etc- John Magnussenn

November 96 - Turning Christmas ornaments, Election of Board members

December 96 - Gift swap, Ornament challenge

Inside....

- 1..Editors Corner
- 2..Know your Minnesota Trees
- 3..Thoughts and pictures of the Duluth Art Show
- 4..The Easter Egg Challenge
- 5..Tips and Techniques
- 6..Previous and future meetings
- 7..For Sale/Wanted, Upcoming Events...

MWA Board

President:

Chuck Pitschka (612) 935-0660

Vice President:

Don Wattenhofer (612) 572-1045

Treasurer:

Ron Meilahn (612) 633-8902

Contributing Writer:

Paul Kachelmyer (612) 730-0166

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 4/25/96

Income

1996 Membership Dues (86 Paid) \$1,720
Glue Sales(Net) (\$65)
Meeting Wood Raffles (3 to date) \$76
Personalized Name Tags @ \$2ea \$30
Duluth Exhibit (27 entries) surplus \$42.

Total Income \$1,813.

Expenses

Professional Demo Costs \$81
Library Tapes, VCR Rental, etc (\$21)
Newsletter Printing, Postage, Supplies (\$107)
Tools (\$-)
Annual Liability Insurance (\$75)
Prizes, Board Mtgs, Misc (\$235)

Total Expenses (\$357.)

Membership Deposits-Library Tapes \$20.

NET Operations YTD-FAV \$1456.

Checkbook Balance as of 4/25/96 \$2,054

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

RED OAK

{ *Quercus borealis* }

- FORM** Height 55' to 80'; diameter ranges from 2 to 3'; tall and straight with clear trunk and narrow crown.
- BARK** On young stems smooth, dark grey to dark brown; on older trees; thick and brown, broken by shallow fissures into regular, flat smooth-surfaced, vertical plates.
- LEAF** Alternate; length 5 to 9", width 4" to 6", broader toward the tip; divided into 7 to 9 lobes each extending one half way to the mid rib; each lobe somewhat coarsely toothed, bristle-tipped, firm; dull green above, paler below, often turning a brilliant red in fall. Buds thick and pointed at top.
- FRUIT** Large, bitter acorn, maturing the second year; length 3/4" to nearly 2"; blunt topped, flat at base, with base enclosed in a very shallow, dark brown cup.
- RANGE** Grows throughout Minnesota, but is most common and of best quality in rich soil of southern, central, and south-eastern Minnesota.
- WOOD** Light, reddish brown; hard, strong and coarse; used for construction and finish of houses, cheap furniture, and fuel; grows more rapidly than most oaks; therefore, production is widely encouraged in southern portions of state for both timber and shade.



WHITE OAK

{ *Quercus alba* }

- FORM** Height 60 to 100', diameter 2' to 8' and may become larger. Tall and naked in forest; short in the open, and crowned by broad, rounded top with limbs spreading irregularly; well grown specimens are strikingly beautiful.
- BARK** Pale grey, scaly, but not deeply fissured; astringent and some times used in medicine and for tanning.
- LEAF** Alternate; length 5" to 9" and about half as broad; crowded toward ends of twigs, deeply divided into 5 to 9 finger-like lobes; young leaf soft, silvery gray, and yellow or red while unfolding, later becoming light green above and much paler below; sometimes remains on tree most of winter.
- FRUIT** A light brown acorn maturing the first year; length 3/4" to 1", about 1/4" enclosed in warty cap; germinates in a few weeks after ripening and falls to ground sending down a long, deep root before winter.
- RANGE** Abundant in southeastern Minnesota as far north as the Twin Cities, often forming woodlands almost to the exclusion of other trees; less abundant northward to Mille Lacs and northwestward to vicinity of St. Cloud; absent from northern and western parts of the state; grows on heavy, well-drained acid soil; slow growing; difficult to transplant after passing seedling state. A fine permanent tree that should be planted wherever the soil is suitable.
- WOOD** Light brown; hard, durable; one of our most useful woods for heavy construction; used for ships, railway ties, interior finish, furniture, and fuel.



Duluth Art Show - Observations from Several Viewpoints

The following are notes and comments to the Editor from participating members:

I would like to thank all the people involved in the art show in Duluth. It was very exciting for me to have my turnings exposed to so many people and to be associated with some of the best artists in Minnesota and Wisconsin. For those who were not able to attend the reception, it was fun, exciting, and impressive. It is well worth the time to go see this display which is open until March 31, 1996. The wood turnings were professionally displayed. I would also like to thank John Steffl, artistic director, and the Duluth Art Institute for allowing us to use the Gallery, and our sponsors, Woodcraft Supply, The Woodworkers Store, and The Friends of the MN Woodturners, and most importantly, to all the members that helped to make this show a reality.

Sincerely,
John Magnussen

My Personal experience at the Turning North Show at the Duluth Art Institute.

This was the first show that I had entered and in addition we had never been to the Depot Museum in Duluth.

My family and I were very impressed by the show. I am not sure that I would have entered had I known the quantity and quality of turnings that were on exhibit. This was easily the most fantastic display of wood turnings that we had seen. We really liked the museum as well. The train display caught my attention. I as well as my daughter and her children spent over an hour there.

An amusing incident will cause our family to forever remember the wood turning display. We went to the show

twice but it was the first time on the opening day that Chris, age 10, and Patty, age 8, got to see the woodturning display first. Patty came running to us and shouted, "Grandpa, you are famous!" Chris came right behind her and said, Grandpa, You have won, Your bowls are the only work with a name by them. Your name is right there, three times!" The bowls are in a glass case, the first thing you see. Sure enough, the bowls and my names were right there. My wife and daughter were suitably impressed. I might have been a little puffed up.

I checked with the director of the Museum and he said that names were being placed by all of the exhibitors work and it had just happened that the crew had started with my name. All exhibitors were to have their names by their work. Well, not even that dampened the spirit of our day or caused this to be less than a memorable day for my crew. I was pleased to have my work displayed with Minnesota's greatest.

We attended the reception also and enjoyed watching the turning display and seeing so many of our people having a great time.

Phil Neese

I was very pleased to have my pieces exhibited at the Duluth Art Institute for the Turning North Show. I have never exhibited work before and it was a great experience for me. Besides the thrill of having my own pieces in a show, I was very impressed by the variety and ingenuity that the other woodturners showed in their pieces. I have gone to perhaps 6 woodturning meetings and have begun to become familiar with other MWA members, however I was not at all familiar with their work. I hope that this can become an annual

event that would show to other new members the broad spectrum of turning that can be accomplished on the lathe and also some of the work that members of the MWA are doing.

Jonathon H. Sybrant

On the show in Duluth, I thought it was nicely done. This is the first show I have been involved in. We were there on Sunday afternoon, March 10th. I thought it was a little difficult to figure out what pieces were for sale and how much, quickly. If people did not pickup the price sheets, they may not have known that anything was for sale. I don't know if this is typical of shows or not.

Also I really think it would be great to have a show here in the Twin Cities, maybe at one of the major shopping centers or at a Woodworkers or Woodcraft store. Our members could work it with demonstrations, etc.

Jim Jacobs

Dave,

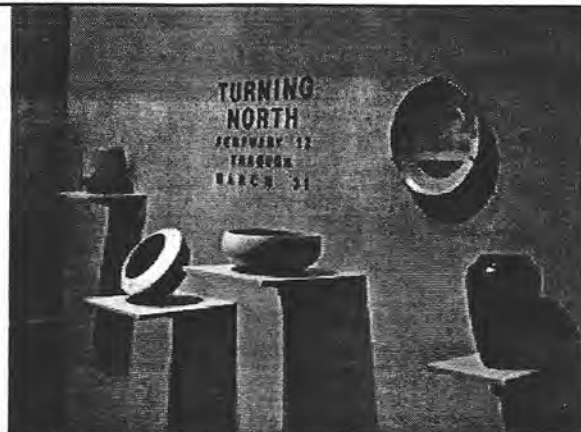
Some comments about the Duluth show: It was a positive experience for me being at the reception and seeing the number of people there. The display of the pieces was excellent. I would be interested in participating in another show in the future. I don't have any suggestions for improving or changing anything since it was the first time I have participated in a show, however I thought it was done very well.

Sincerely,
Bruce Arones

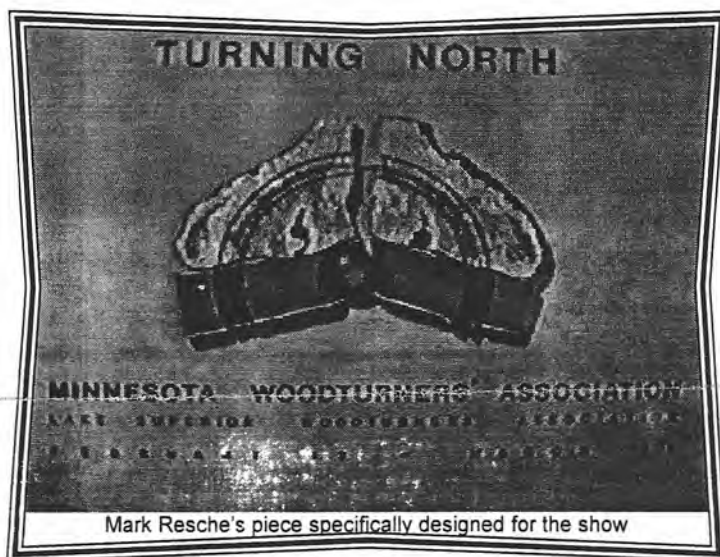
*Continued on page # 6
Pictures of the show on the next 2 pages*



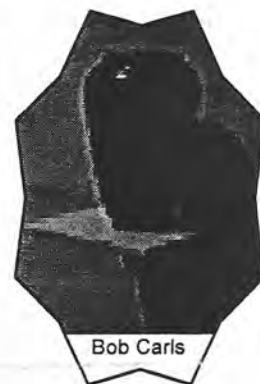
Pieces by Mary Redig, Craig Lossing, Russ Hurt, Ed Johnson, Mel Turcanik



Jonathon Sybrant



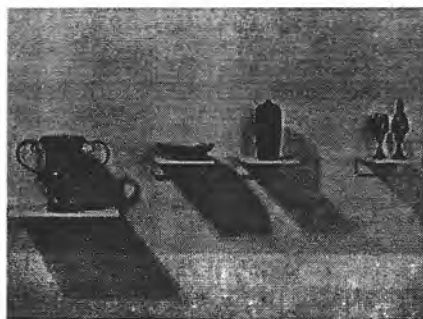
Mark Resche's piece specifically designed for the show



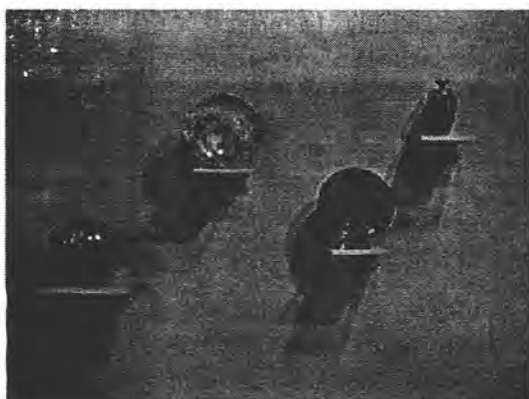
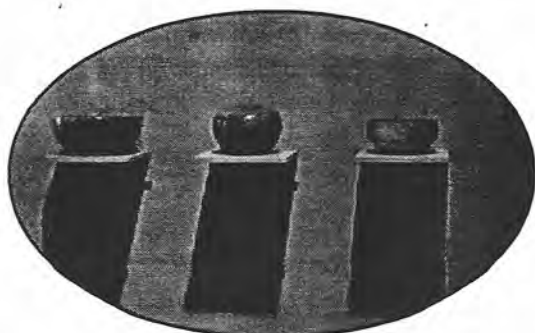
Bob Carls

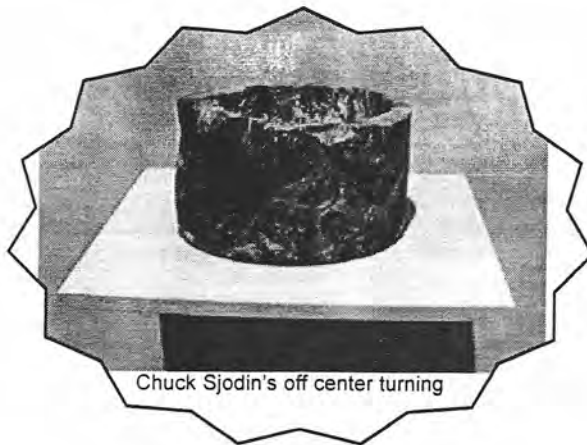


Bruce Arones

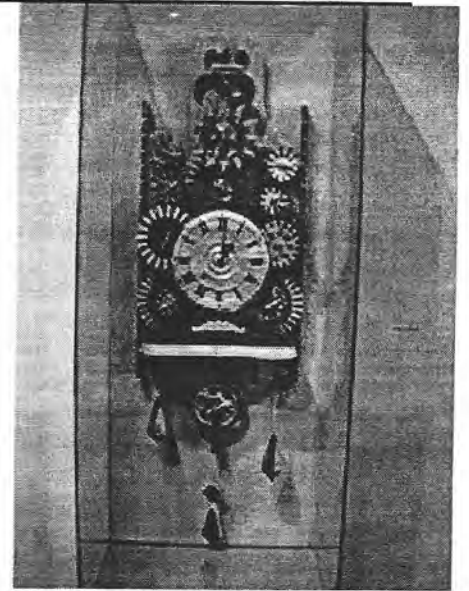


John Magnussen

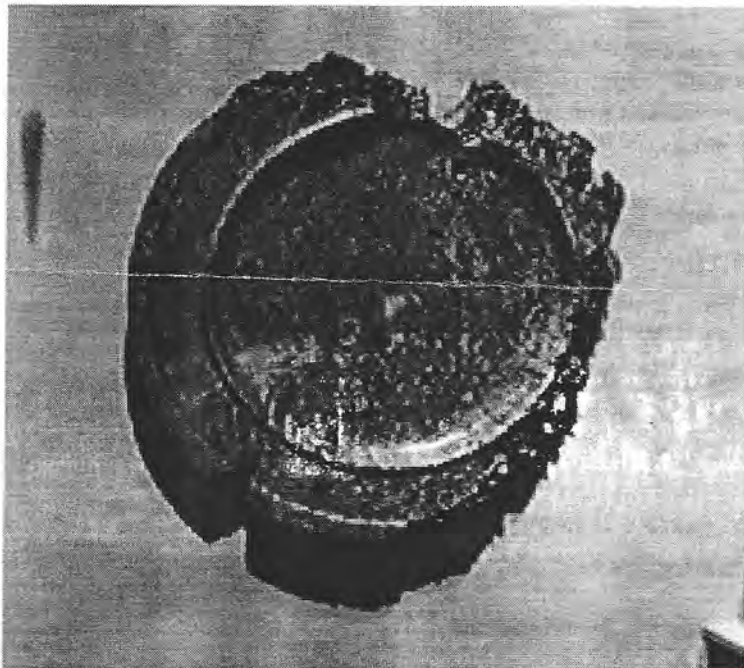




Chuck Sjodin's off center turning



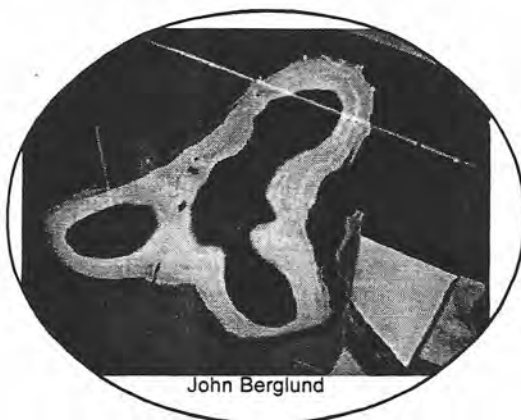
John Forster's many pieced clock



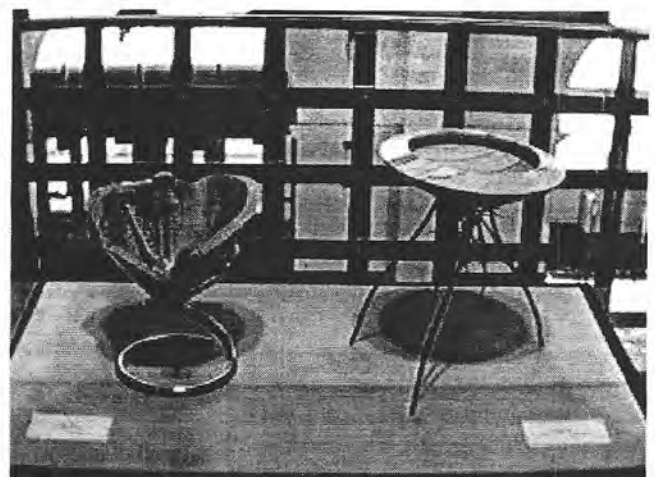
Steve Brown's large (approximately 30") Redwood Burl Wall Hanging



Dave Schneider



John Berglund



Rus Hurt (L)

James Tracy (R)

Dave,

When I first approached John Steffl, Artistic Director at the Duluth Art Institute, I was hoping we would attract 15 to 20 turners and possibly 40 to 50 pieces for the show. To my surprise, the response was really great from the MWA members, with 26 members and 88 pieces. THANK YOU Members!

Thanks especially to James Tracy who was instrumental in organizing and publicizing the event. I had never been involved in curating a show and had only a vague idea of the work involved. While James did most of the organization, I worked with John Steffl locally on the contracts, dates, printing of the announcements and all of the other details to coordinate our efforts.

We also needed shelves for the gallery. With the help of Rob Tschida, we made 57 shelves in my shop. Rob then spray painted them in "Larrys Body Shop" in Moose Lake. The shelves were then donated to the Art Institute. Personally this has been an exciting, new experience for me. I learned a lot from John Steffl and James Tracy.

Thanks again to everybody that helped make this a significant and exciting exhibition.

Thanks to the Lake Superior Woodturners, the Art Institute staff, the people that donated money for expenses and others that I may not even be aware of that helped in some way.

Joel Nopola

Editors note:

The shelves that Joel and Rob constructed did much to enhance the display of our pieces in the show and were very tastefully done.

Hi Dave,

A few thoughts on Turning North:

As a newcomer to turning (about 1 yr.) I found the Duluth show a great experience. It was an educational opportunity

for both turners and non turners alike. It is helpful and encouraging to see the fine pieces first hand rather than pictures in a magazine. I also enjoyed talking with several of the turners with work on display. I thought the show was done very nicely and well worth the drive. I was also lucky enough to spend this great day with my 12 year old son mike, and we could only conclude that the MWA has some very talented people.

Paul Keller

Recognition of Members and their participation:

Joel Nopola: It was Joel's idea to approach the Institute for the show. He was the primary contact with the Duluth Art Institute and organized the

I was hoping we would attract 15 to 20 turners and possibly 40 to 50 pieces for the show. To my surprise, the response was really great from the MWA members, with 26 members and 88 pieces.

members in Duluth to help out with the show. He arranged for the food trays at the show, did radio interviews in Duluth and was a man for all purposes.

James Tracy: James did the logistics and obtained sponsors for the show. He was responsible for sending out the PR packets, entry forms and notices about the show. He arranged for setting up the printing of the show catalogs.

Gail and Craig Lossing: Worked on and improved the show catalog. Their insight and support for the show helped to make it run smoothly.

Ron Meilahn: Ron handled the financial and accounting for the show

and also the entry fees.

Don Wattenhofer & Robert Tschida: Were the primary demonstrators at the reception and really attracted the crowds interest.

John Magnussen: John transported the pieces to and from the Twin Cities to Duluth.

Thanks to all of the Participants in the show.

Richard Abram
Bruce Arones
John Berglund
Steve Brown
Bob Carls
John Forster
Rus Hurt
Jim Jacobs
Ed Johnson
Craig Lossing
John Magnussen
Hal Malmlov
Philip Neese
Joel Nopola
Chuck Pitschka
Mary Redig
Mark Reschke
Dave Schneider
Chuck Sjodin
Jonathan Sybrant
John Thompson
Mary Thouin
James Tracy
Robert Tschida
Mel Turcanik

Special thanks to our Sponsors:

Woodcraft Supply
The Woodworker's Store
Friends of the MN Woodturners

Editors note:

There were 2 articles in the Duluth Newspaper on March 10th about the show and participants. Copies of the articles will be available at the next meeting

March 19th Meeting:

**Making your living in the Crafts,
The Up and Down Sides - Glen
Elvig**

Plus the Easter Egg Challenge

The meeting was a success in spite of the disappointment that Glen Elvig had a late flight into the Twin Cities and was still waiting for his luggage as our meeting started. He was not able to make it to the meeting but we will reschedule him for a future meeting.

We had 29 members attending the meeting, with over 125 eggs that were brought in for show and tell and participation in the Easter egg challenge. This was a tremendous show of participation.

Ballots were handed out to each member who then voted on the 5 following categories and Certificates were awarded to the following members:

- Smallest egg: Bruce Arones (*Please see Bruce's article on how he did it in this issue on the next page*)
- Largest egg: Dave Schneider with a 25 pound Box Elder egg
- Most Unique egg: Ron Strelow had a great laminated egg with a superglue finish on it. (Ron also said he had a goodly amount of glue on his hands- - ouch!!)
- Ugliest egg: Jim Jacobs put a lot of work put into this piece with the coloring, and it was also very unique
- Most Perfect egg: Ron Meilahn-Ron finished his egg 15 minutes prior to coming to the meeting. Just think what he could do if he had more time! (*Just kidding Ron, and very nice job on the egg*)



An assortment of eggs brought in.

There were many interesting entries with examples like Mary Redig's plexiglas egg - torched to a smooth finish and with a corian base; an egg shaped head on a golf club; many different types of materials and finishes.

Most members agreed that as simple a form as the egg is, achieving that form on a lathe is not necessarily the easiest thing in the world.

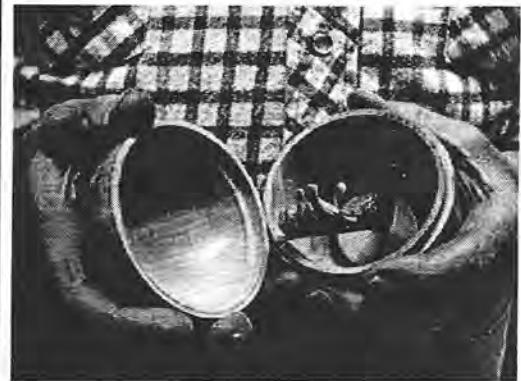
Enthusiasm was good and members said they would like to see more challenges in the future.

All of our members were very cooperative in explaining how and what they had done to achieve the completion of their egg.



Dave Dunn showing a white pine piece

Mike Martin, our youngest member, showing one of several eggs he and his dad brought in.



John Engstrom with his occupied egg above and set of 6 nested eggs below.



THE (smallest) EGG AND I

by Bruce Arones

When I decided to try turning a very small egg, I wanted to start with something small and the smallest thing I could think of was a toothpick. I looked in the cupboard and found some cocktail toothpicks which are square with round tapered points on each end.

How could I turn this small piece on a lathe? There was no way to chuck it on my 1 lathe, so I had to find an alternative. My first thought was to use an electric drill but gave that up as being too awkward because of the switch location. The next idea was an electric eraser which is basically a hollow shaft with a small motor on one end and with the switch right on the shaft. The elongated eraser is chunked in the tube (which is split in quarters) by a ring which tightens the split tube as it is moved toward the end. I thought I could use the eraser as a chuck by splitting it in quarters lengthwise. That attempt failed because the rubber is too flexible. I needed something more rigid with a hollow center. Well, I thought if I had something about the size of a pencil.

Yes, that's it! I took a short piece of a pencil and cut along the glue joints on each side with a razor blade and split it in half. I removed the lead and there



Bruce Arones and one of his larger eggs

was my chuck. The pencil fit snugly in the eraser and held the toothpick very well.

Since my chisels are too large to turn something so small, I needed something small and razor sharp. How about a single edge razor blade?

Now I was all set to turn the smallest egg. It was an awkward process since there was no tool rest on the "lathe". I braced my right hand (holding the razor blade) on my left hand (holding the "lathe"). I started turning and a shape began to appear on the end of the toothpick. Then the razor blade slipped and the shape was gone. Being more careful I tried again using the razor blade as both a skew chisel and a scraper. It was difficult to see "eggs"-actly what was taking shape so I managed to hold a small magnifying glass over the work with my left hand.

When it looked like an egg, I parted it off the toothpick and almost lost it. I found it and taped it to a piece of red paper so that it could be more easily seen.



Mel Turcanik explaining the decoration on one of his miniature eggs.



Jim Jacobs explaining how he designed his ugly duckling egg.

Dave,

I was at the March 19th meeting, the conclusion to the turned egg challenge. I have to admit that I was not enthusiastic about the project until I actually began to produce an egg myself. The exercise then became interesting and informational, (I practiced and learned some good skew control).

In answer to your question, "What else could we try as a group?", how about a small lidded box, with categories such as; Smallest, most unique design, cleverest lid and most unusual material. Or perhaps making a vessel such as a cup or glass would be a good competition, with examples being; wine glasses, beer mugs, tea cups or fantasy vessels. Both of these projects would use very small quantities of wood, so they would not deplete a turners precious reserves of wood resources.

Jonathon Sybrant

Editors note:

Thanks for the feedback Jonathon, we would like to here from other members as to what we can do for future challenges.



Minnesota Woodturners Association

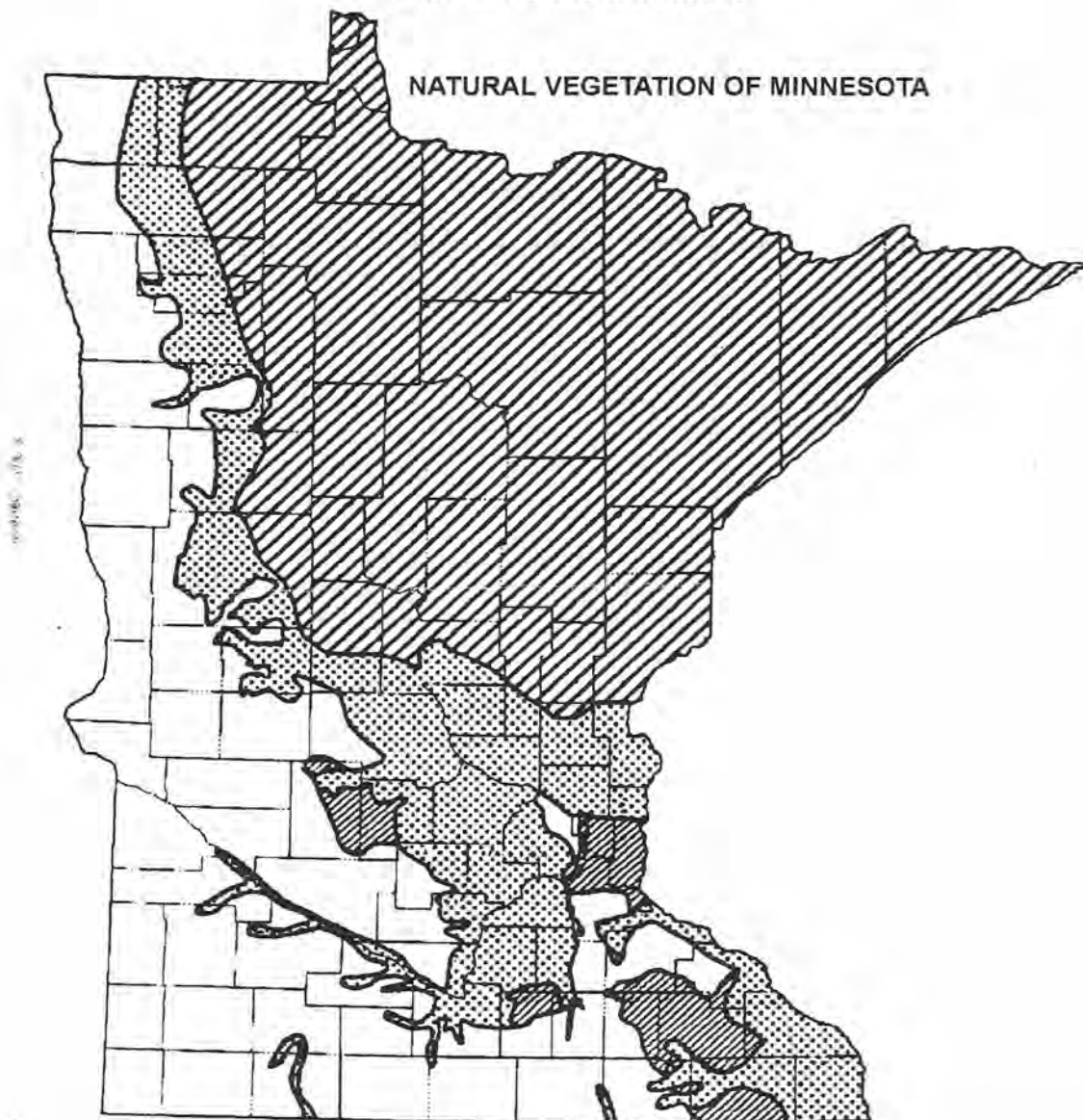
Trees Indigenous to the State of Minnesota

Type of Tree	Common Name	Scientific Name
Deciduous		
	Box Elder	Acer negundo
	Red Maple	Acer rubrum
	Silver Maple	Acer saccharinum
	Sugar Maple	Acer saccharum
	Juneberry (Serviceberry)	Amelanchier canadensis
	Yellow Birch	Betula lutea
	River Birch (Red Birch)	Betula nigra
	Paper Birch (Canoe/White birch)	Betula papyrifera
	Blue Beech (Hornbeam)	Carpinus caroliniana
	Bitternut Hickory (Swamp Hickory)	Carya cordiformis
	Shagbark Hickory	Carya ovata
	Hackberry	Celtis occidentalis
	White Ash	Fraxinus americana
	Black Ash	Fraxinus nigra
	Red Ash	Fraxinus pennsylvanica
	Green Ash	Fraxinus pennsylvanica var : lanceolata
	Honey Locust	Gleditsia triacanthos
	Butternut (White Walnut)	Juglans cinerea
	Black Walnut	Juglans nigra
	Hornwood (Hop Hornbeam)	Ostrya virginiana
	Spruce, White	Picea glauca
	Spruce, Black	Picea mariana
	Balm of Gilead (Balsam Poplar)	Populus balsamifera
	Cottonwood	Populus deltoides
	Large Tooth Aspen (Poplar)	Populus grandidentata
	Quaking Aspen (Popple)	Populus tremuloides
	Wild Plum	Prunus americana
	Pin Cherry (Wild Red Cherry)	Prunus pennsylvanica
	Black Cherry	Prunus serotina
	Choke Cherry	Prunus virginiana
	White Oak	Quercus alba
	Swamp white Oak	Quercus bicolor
	Red Oak	Quercus borealis
	Scarlet Oak (Jack Oak)	Quercus coccinea
	Bur Oak	Quercus macrocarpa
	Black Oak	Quercus velutina
	Willow	Salix species
	Mountain Ash	Sorbus americana
	Basswood (American Linden)	Tilia americana
	Slippery Elm	Ulmus
	American Elm	Ulmus americana
	Rock Elm	Ulmus thomasi
Conifer		
	Balsam Fir	Abies balsamea
	Red Cedar (Juniper)	Juniperus virginiana
	Tamarack (Larch)	Larix laricina
	White Spruce	Picea glauca
	Black Spruce	Picea mariana
	Jack Pine	Pinus banksiana
	Norway Pine (Red Pine)	Pinus resinosa
	White Pine	Pinus strobus
	White Cedar (Arborvitae)	Thuja occidentalis
	Hemlock	Tsuga canadensis

Minnesota Woodturners Association

TREES OF MINNESOTA

NATURAL VEGETATION OF MINNESOTA



GRASSLAND

TALL GRASS
PRAIRIE

DECIDUOUS FOREST

OAK/ASPEN

BASSWOOD/SUGAR MAPLE
ELM/OAK

NORTHERN CONIFER FOREST

SPRUCE/FIR/BIRCH &
PINES

Christian Burchard Professional Demonstration - Saturday, April 20, 1996

Paul Kachelmyer

It was a very successful meeting with 39 people attending this demonstration, sponsored by the Minnesota Woodturners Association, and held at the "Woodcraft" store in Bloomington. We also had 1 new member join. Welcome to Joseph Kaeder!

Christian has a long history of experience as a sculptor and a furniture maker, and has spent the last 14 years as a professional woodturner. He is best known in woodturning for his creations of fancy hollow and solid spheres.

Following are some highlights of his demonstration:

Safety:

Protecting his face: He always wears a face shield, not just safety glasses.

Protecting his lungs: He now uses an air-stream helmet/air filter, and is very happy with it.

Protecting his wrists: He wears a wrist support to reduce potential strain.

Protecting his blood: He had experienced some health problems that were traced to high concentrations of wood finishing chemicals in his bloodstream. The chemicals were being absorbed through his skin from his hands. He now wears plastic gloves whenever he works with finishes.

Favorite tool: The heavy "Glazer" bowl gouge.

Turning solid spheres:

He has found that there are a lot of people who really like holding, caressing, and looking at wooden spheres.

He has also found that it is a very nice way to show off beautiful wood.

He rough turns the spheres, and then sets them aside for several months to crack, warp, and finish drying.

He loses about 25% of the rough spheres to unacceptable cracking.

A very unique thing that he does, is that he encourages small cracks in the wood.

He does this, by placing the rough spheres in a kitchen oven for about 20 minutes, at 500 degrees. He waits for them to cool, and then he repeats the process.



A selection of Christians Spheres

This dries the outside quickly, before the inside can dry. The result can be many small cracks. If the wood were to dry slowly, the result might be one or two large cracks. He has found that the small cracks can add a certain amount of "character and interest" to the wood.

Steps to turning a sphere:

1. Rough turn the sphere "between centers", leaving a knob of wood where the spur center and the tail center held it.

2. Mount a waste block on a faceplate. Turn the block so that its end is somewhat cup shaped, with a diameter about 2/3 the size of the sphere.

3. Make a small, flat wood plug, to fit against the tail center. glue a piece of leather to the plug.

4. Mount the rough turned sphere between the faceplate cup, and the tailstock plug. Mount it so that

the knobs left from turning it between centers, are at right angles to their original alignment.

5. Turn the sphere to remove the knobs, and further refine the roundness of the sphere.

6. Dry the sphere.

7. Mount the dried sphere in the same method as step 4. With fine shear scraping cuts try to cut it round. With a pencil mark a line around it at its outside diameter.

8. Remount the sphere at a right angle to how it was just mounted. The pencil mark should be at the headstock and tailstock ends. With fine shear scraping cuts, cut it round again. Make another pencil mark, like in step 7.

9. Repeat step 8, except do not mark with a pencil.

10. The sphere is now ready for sanding. It works real well to power sand it while it is spinning on the lathe, using a foam backed disc, mounted in a hand power drill.

11. Remount the sphere 90 degrees in the lathe chuck, and sand again.

12. After finely sanding the sphere, Christian applies one or more coats of a polymerized tung oil. He uses "Verathane oil" made by "Fletco Company".

13. After the finish dries, he buffs the sphere either with "Tripoli" or carnauba wax on a buffing wheel.



Christian explaining what he had done to finish a 12" hollow & decorated sphere.

To see how Christian turned hollow spheres, and the rest of his demonstration, I suggest that you check out a copy of the videotape that we made of the demonstration, for our asso-

ciation.

Thanks to Mark Resche, James Tracy & Dave Schneider for supplying wood for the demonstration

Northfield Arts Guild/ Minnesota Woodturners Association Woodturning Exhibit

To all interested MWA members:

Our Association has been asked to put on an exhibit from August 29th, 1996 to September 28th, 1996 in the Main gallery of the Northfield Arts Guild, Northfield, MN. This time also coincides with Northfield's "Jesse James Days", September 5th thru the 8th, which is a time of frequent visitors to the Arts Guild.

The display space is a little less than half that of the Duluth show and we will need;

Volunteers to transport the pieces to and from the show

Volunteers to set up the show (August 26th-28th)

Volunteers to take down the show (September 29th)

Entry fee will be \$10-\$15 depending on costs

There will be a catalog or flyer put together for the show and the number of pieces that a member can enter will be limited by the number of people in the show and the space available.

This is another excellent opportunity to get our work into the public eye and inform and educate the public on who we are and what we do.

Members that are interested in showing a piece or pieces and/or need more complete information, please contact James Tracy at 612-571-3374 or Dave Schneider @ 612-934-4667. We will also mention and talk about this at our May 11th meeting.

Wood Swap

Woodturner Bob Simon from Seattle, WA called and said he would be coming thru the Twin Cities toward the end of May (28th or 29th) with some green Maple Burl pieces he would like to trade. He said he would have at least 6 pieces approximately 12" square to trade for local woods of the same size. He will be stopping at Dave Schneiders home for the trade so if you have some of our local wood in the 12" square range you would like to trade, let Dave Schneider know (612-934-4667) so he can make it available when Mr. Simon comes thru.

Tip:

A Solution for Dusty Face shields:

I have found if you use Armorall type spray on your face shield, you don't have to worry about dust or static cling. When polished after applying the liquid, the shield becomes so slick that dust slides right off. Try it, it works great.

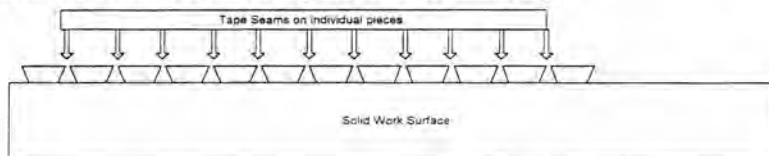
Ira King, San Diego Woodturners

Technique for segmented pieces:

This is a technique I use to make vases with segmented sides.

It is best to lay these out full size, on a piece of paper with a compass to get the diameter of the piece.

To figure the setting on the tablesaw to cut the segments, take 360 divided by the number of sides desired and divide by 2. I have used 12 sides, so $360/12/2 = 15$ degrees for a saw setting. All 12 pieces must be cut in one fence setting to maintain accuracy. Cut all pieces at 15 degrees approximately 1/4" oversize than the finished width, then flip each piece end for end, set fence at final setting and cut the remaining edge.



Now to glue them up. lay all pieces, narrow side down on a flat solid surface. I use 3M #375 clear 2" wide tape but any good clear packing tape will do. Tape all joints making sure that the tape is squeezed down and laying out nicely.

Now flip the whole assembly over and roll it up to check how closely it will fit. If cut accurately everything will fit perfect. It only takes 1/2 degree in each cut to throw this off. The more sides you have, the more the effect will be compounded. If the form is off, you will have to joint or plane the last edge to close the form up. If it is way off, you can re-trim each individual piece or start all over. Now for gluing up: Brush the glue into each V-groove and roll it up. Use the clear tape to wrap the cylinder tightly as it is very good for applying a lot of pressure. If the internal diameter is big enough, wipe the glue from the inside. Let stand until dry and then ready for turning.

Jim Jacobs



1996

Minnesota Woodturners Association Discount Suppliers

The following suppliers offer special discounts to MWA members. In order to receive your discount, you must show that you are a member in good standing by showing the supplier your membership card. Suppliers wishing to be included in the program should contact Ron Meilahn @ (612) 633-8902

American Tool Supply. 712 University Ave, St Paul, MN 55704 (612) 227-3500 (Bryan) Discounts vary by manufacturer. No sale discounts

Derickson Co. Inc (612) 332-6791 (Tim) Wholesale prices on cabinet making supplies, finishes, router bits, etc

Hardwood Lumber Inc 591 Bighorn Dr, Chanhassen, MN (Loel Brown) (612) 934-6412. Wholesale prices to MWA members; discounts depend on wood species and quantity.

Hirshfield Decorating Centers (10 Metro locations & Rochester) High volume contractors discount applies to stains, varnishes, paints, application tools and sundries. No discounts for window treatments, wall coverings or fabrics.

Lake Elmo Hardwood Lumber (612) 777-8118 (Bob Eechert) Discount on all hardwoods. Call Bob for details before placing your order.

Savitt Bros. (612) 871-1155 (Burt Savitt) Discount to Net price. MWA members receive contractor discount on stains, finishes. i.e. Watco, MinWax, etc.

Swanson Hardware (612) 925-4083 All sales staff. Wholesale prices on cabinet making supplies

Tool Crib of Minnesota (612) 521-7657 (Terry) 5%-40% discounts on precision instruments, hand tools, cutters, etc - depending on brand and quantity

The Woodworkers Store (All 4 Twin City stores) 10% discount on regular priced merchandise at the stores. Discount does not apply to power equipment or power tools. Not valid on sale merchandise or in conjunction with any other promotional offers.

Valspar Paint (612) 827-1787 (Kevin) 20% discount on all consumer paint products, stains, finishes, tack cloths at all 3 Twin City locations.

Warner Industrial Supply (612) 378-7300 (Dan Shea) 10% discount on 3M abrasives, Lacquers, custom made bandsaw blades, Bosch router bits, various brands of hand power tools, etc

Woodcraft 9741 Lyndale Ave S, Bloomington, MN (612) 884-3634. A 10% discount on all woodturning supplies will be given to MWA members on the days of meetings or demonstrations held at the store

Youngblood Lumber Co. (612) 789-3521 Refer to their catalog for entire stock listing and then ask Customer Service for current wholesale prices.

Election of Officers

Elections of officers for our association will be held at our November 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, and will run from Jan. 1997 to Dec. 1998.

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 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, or Chuck Pitschka @ 935-0660, to volunteer. We will have a finalized list of candidates by the November meeting and will vote and count any absentee ballots at this meeting.

The officers positions 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. Making decisions, along with the other officers, concerning the who, what, when, and where, of meetings, events, and demonstrations.

Vice President: Conduct the business portion of the meetings when the President is not present. Assist in some of the administrative dealings of the association and assisting the Program Director as necessary.

Treasurer: Coordinate taking in dues and fees. Making payments for club expenses. Keeping an account of transactions and report-

ing on them at officer board meetings and also periodically at membership meetings.

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

Newsletter Editor: Write and edit this newsletter. Co-ordinate writing, editing and arranging the contents of the newsletter. Report on issues helpful, relevant and interesting to our Association.

Newsletter mailer: Responsible for taking the newsletter to be copied, and do the handling and mailing of it.

Librarian: Maintain all publications, videotapes and other articles in the library. Bring these videotapes and magazines to the meetings, and handle their checkouts and returns.

Videotaper: We need volunteers to videotape meetings.

Membership list: Responsible for keeping an up to date list of members, and also print labels for newsletter mailing, name tags for meetings and anything that would pertain to the list. This position has to work closely with the Treasurer and the Editor..

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 ☐

You 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

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

Wood Shaper

Sears Wood Shaper, on stand. Set up for forward and reverse directions. Stand is on casters. Complete set of 15 cutting knives and collars in separate carrying case.

Like new, barely used - \$375
Contact Dave Schneider @ (612) 934-4667

Tip:

Don't throw away those funny looking 3 legged plastic pieces that come in your pizza boxes. Besides keeping the top of the box from collapsing on the pizza, they are very useful for holding small to medium turned pieces while and after finishing. I have a bowl full of these and use them to set bowls and small pieces on after applying a finish. With the 3 legs up there is minimal surface that is touched on the piece and there is good air circulation around it.



Dave Schneider

May 11th, 1996 - Saturday 1:00-5:00PM

Large Burl Platters and Bowls, Turning green wood and general information on Kalidescopes. Steve Brown.

If you have never seen a Conover Lathe or any of Steve's large turnings, this is a meeting you will not want to miss. Steve will show us some of his larger turnings, and his lathe will be available for hands on green wood turning, probably using some Butternut. We will also discuss Kalidescopes and Steve will show us how to drill a straight hole in the center of the Kalidescope.

Brush up on your tree knowledge as we will be taking a short walk on Steve's property and we will be challenged to identify certain marked trees. Lets see how many we can identify correctly. The trees will be marked with numbers and each attending member will be given a sheet with names of all trees that are indigenous to Minnesota; You will then put the number of the tree next to what you think its name is. A perfect score will get you a piece of Butternut for turning.

Please bring a folding chair and warm clothes in the event of cool weather. We will have refreshments at the meeting.

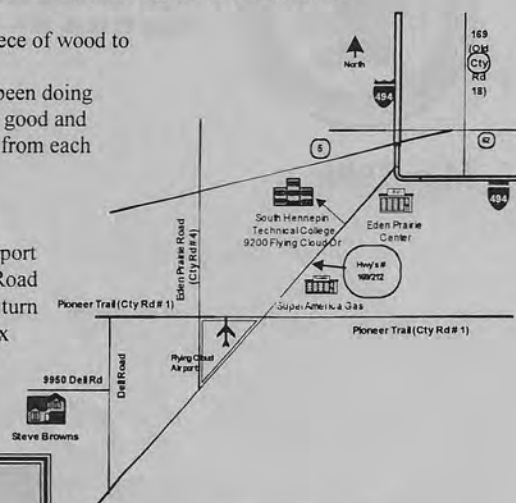
Be prepared for a view of the Minnesota River Valley that you probably have never seen, as Steves home has a view that is generally seen only in magazines and travel brochures.

Chapter wood raffle. (Please bring a piece of wood to donate for the raffle.)

Show and tell. Let's see what we have been doing since the 1st of the year. Bring both the good and the "OOP's" pieces so we can all learn from each others experiences.

Directions to Steve Browns:

Take Hwy 169/212 to Flying Cloud Airport and go West on Pioneer Trail (County Road # 1). Go approx 3 miles to Dell Rd and turn south for approx 3/4 mile to the nail box on your right with the address of 9950. Turn right on the dirt road and follow for approx 1/3 mile to Steve's home.



Steve Brown
9950 Dell Rd
Eden Prairie, MN
55347
(612) 934-1812

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May 1996

First Class Mail



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



Minnesota Woodturners Association

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

The Minnesota Woodturners Association was formed in 1987 with approximately 25 charter members and now has about 90 members. The Association is non-profit and all work by members is done voluntarily.

The skill level of our members ranges from complete beginners to skilled professionals. Membership includes a few professionals but hobbyists make up the majority. The members live mostly in the Twin Cities metro area, however there are members in all areas of Minnesota stretching into western Wisconsin.

The Association normally schedules meetings once a month during fall, winter and spring of the year. (September thru May) The meetings are normally held on Tuesdays or Saturdays and the group meets in a different location each time. The meeting locations vary from members shops, educational facilities, to the various woodworking stores located throughout the metro area.

The Newsletter is published bi-monthly, 5 times a year, excluding the months of July/August

The meetings usually consist of some sort of turning demonstration or related subject. The subjects of the demonstrations vary from basic techniques to advanced levels. The meetings are always open to questions from the members and we invite and encourage them to share their knowledge and skills freely. The Association tries to arrange at least one professional demonstration each year, with past professional demonstrators coming from all areas of the United States, England and as far away as Australia.