

Mainiac Woodturner

Monthly Newsletter of the Maine Chapter of the AAW
Volume 1, Number 3, December 2000

President's Message

Thanks Mac for a great demo. I am going to try to talk you into sharing more during an upcoming Saturday morning meeting. I feel as though we rushed you and only scratched the surface of your teaching potential.

I'll be giving you the results of the member's poll at the next meeting. I found the results to be a real eye opener.

Remember to bring show and tell items as well as Yankee swap items and snacks for the December meeting. See you there.

Work safe,

Bob

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Club Officers

President	Bob Hackett 633-6232	Librarian	Mark Irving 443-2337 irvings@javanet.com
Vice-Pres.	Peter Asselyn 353-4206 asselyn@banet.net	Treasure	Robert Morell 725-2212
Newsletter	Kieran Kammerer 622-1946 shkrtrds@ctel.net	Auctioneer	Peter Asselyn

Club Business, November, 2000

Meeting was called to order by President, Bob Hackett. Everyone at the meeting was pleased to see that David Lancaster was able to attend and had made a remarkable recovery from the injuries he sustained several weeks earlier. David explained to the group how the accident occurred and stressed his renewed commitment to lathe safety. David now only turns wearing a face protector in place. His current form of protection consists of a hockey face mask which is half clear plastic/half metal cage. When available, he plans to move over to wearing a full, metal cage hockey face mask. The one thing David commented on was the comfort of this particular setup. Everyone was in agreement that David's misfortune was a wake-up call to all of us and should serve as a daily reminder of the need to take proper safety precautions whenever we are turning.

Peter Asselyn used David's advice to dovetail into the subject of safety during demonstrations on the Erskine Oneway lathe. Peter had proposed a Plexiglas screen in front of the lathe, however, several members were concerned about such a set-up and the possibility of the Plexiglas shattering if hit by a flying object. Most members felt that a better solution may consist of a screen like barrier in front of the lathe. Such a set-up will have to be looked into.

The upcoming December meeting was discussed. As in the past, December's meeting will include a Yankee swap. Everyone is encouraged to bring a gift item wrapped, unwrapped or whatever. The meeting will also consist of a pot-luck supper. Everyone is encouraged to bring a prepared dish or some other food item to share with the group. We are all counting on Jeff Clap to out do himself this year. Don't let us down Jeff!! The topic of spouses/significant others came up. Although they will not be part of the Yankee swap (you know what I mean), spouse/significant others are all invited and encouraged to attend and join in the festivities.

There still have been no new takers for the position of club wood auctioneer. Peter has kindly agreed to continue in this position.

New tapes and books have arrived from Joe Larrabee's widow. Mark Irving has been working hard on getting these items catalogued. A listing of new items available is in this month's newsletter.

Unfortunately several members have been experiencing some medical problems. Bill Cohen underwent surgery in Portland. No news on his condition is currently available. Grady Sharp sustained a skull fracture. He was hospitalized at CMMC in Lewiston and is happy to have visitors. We will continue to keep all of these members in our thoughts and several cards were passed around to be signed.

Tim Weeks, a student in one of David's shop classes at Erskine, was welcomed. Tim brought several cherry bowls he had turned and all members were impressed with his future promise as a turner.

The final item discussed during club business was the recent meeting time change to 6:30 PM. Many members who live far away found the earlier time made it more difficult to get to the meeting on time. Although the new time gave us more demo time, it was decide to go back to the old meeting time of 7:00 PM. Everyone agreed that there probably will not be a lot of club business to discuss at each meeting and that if we anticipate a meeting that might involve more club business, that meeting might be scheduled for the earlier start time.

Turning Tip

I was recently looking at the turning newsgroup on the www and saw where one individual suggested using the bottom of car oil filters as a cheap alternatives to face plates. You need to match your lathe's spindle size to the threads on a compatible oil filter. I imagine the bottom of the oil filter is removed and holes drilled for mounting screws. Because I can't speak to the safety/effectiveness of this setup, I am a little hesitant to offer this as a "tip". Let me know if anyone has heard of such a setup.

Kieran

Library News, December 2000

We have a number of new Magazines, Videos and Books which have just been added to our library. A few of these are duplicates of ones we already have. If you have any of the new ones which you borrowed at the last meeting, please get them to me so I can record them in the database I am using to catalog these items.

Each of the new items will get a sign-out card (which the old ones already have). This card will be used to record the borrower's name and sign-out date. The sign-out procedure is listed on the top of a recipe card box in the file cabinet where all the items are kept. Using this will help us keep track of the items in our library. Please speak to me if you have any questions/suggestions.

Our library now contains a total of 213 items. It is gradually overloading the file cabinet. The file cabinet allows us to leave library items in the shop, but is not very practical. A much better solution would be some kind of locking bookcase. It would make the library much more organized and easier to look through. Does anyone have one to donate? Anyone want to build one? Do we have funds to buy one?

Mark E. Irving, Club Librarian
(irvings@javanet.com)

New Library Items:

Woodturning Magazine- Volumes 1-51, 53-71, 73-76, 78, 81, and 83-87

Videos:

Dennis White, #1 Turning Between Centers
Dennis White, #2 Turning Bowls
Dennis White, #3 Boxes, Goblets and Screw Threads
Dennis White #4 Novelties and Projects
Dennis White #5 Classic Profiles
Dennis White #6 Twists and Advanced Profiles
The Basic Box, Ray Key
The Finial Box, Ray Key
Tips for Turners, Tape 2 - David Ellsworth (2 copies)
Tips for Hollow Turning, Tape T, David Ellsworth (2 copies)
Turning Wood - Richard Raffan
Turning Projects -Richard Raffan
Bowl Turning - John Jordan
Hollow Turning -John Jordan
Dovetail a Drawer -Frank Klausz
Bowl Turning -Del Stubbs
Fun at the Lathe -Timby
The Practice of Woodturning, Tape 1 -Mike Darlow
The Practice of Woodturning, Tape 2 -Mike Darlow
The Practice of Woodturning, Tape 3 -Mike Darlow
New Yankee Workshop, Cradle, Norm Abram
New Yankee Workshop, Armoire, Norm Abram

Videos (continued):

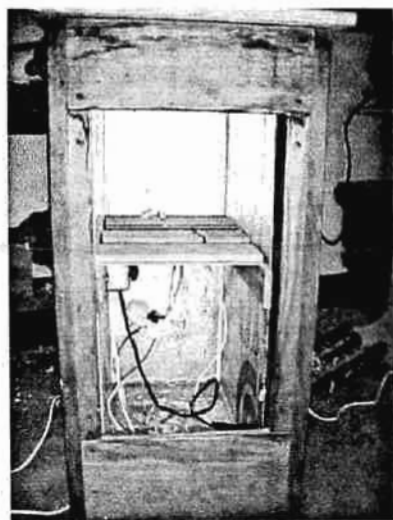
New Yankee Workshop, ??????, Norm Abram
Hand or Simple Turning, John Jacob Holtzapffel

Books:

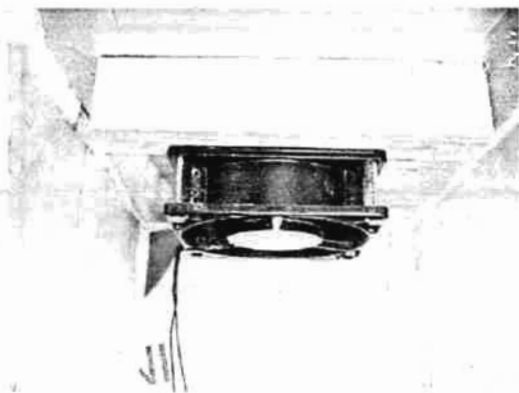
Practical Designs for Wood Turning, Roland Seale
The Practical Woodturner, F. Pain
Turned Bowl Design, Richard Raffan
Wood Turner's Project Book, Phil Jones, Charles Mercer
Multi-Centre Woodturning, Ray Hopper
Woodturning Techniques, W.J. Wooldridge
Turning Miniatures in Wood, John Sainsbury
Problems in Artistic Wood Turning, Earl J. Ensinger
Getting the Most out of Your Lathe, Delta Rockwell
The Woodturner's Companion, Ron Roszkiewicz
Woodturning Projects for Dining, John Sainsbury
Master Woodturners, Dale L. Nish
Artistic Woodturning, Dale L. Nish
Woodturning in Pictures, Bruce Boulter
Creative Woodturning, Dale L. Nish
Award-Winning Designs for Woodturning, Bridgewater
Woodturning, A Manual of Techniques, Hugh O'Neill
Small and Unusual Woodturning Projects, James Jacobson
A Gallery of Turned Objects, Albert Le Coff
Woodturning, A Designer's Notebook, Ray Key
The Woodturner's Workbook, Ray Key

November, 2000 Demonstration, Mac Ray Kiln Construction/Use, Surface Decoration

November's demonstration began with our own Mac ray going over his approach to kiln design and use. Mac notes that he has several kiln's that he uses. He brought a small, portable kiln with him to the meeting. This kiln is about one-third the size of Mac's shop kiln. Basically, the kiln consists of a small, rectangular box constructed from plywood and then insulated with hard, foil backed, foam insulation. Inside the kiln, Mac has a 100 watt bulb wired to a thermostat. This allows Mac to set the desired temperature and the bulb will switch on and off as needed to keep the inside of the kiln at the desired temperature. A small computer fan installed at the top of the box helps to promote even air flow around the bowl blanks. The door for the kiln consists of a relatively loose fitting piece of the hard, foil backed insulation. (See diagrams below).



Mac's Portable Kiln



Kiln with Fan at top of Box

Mac reports that with use of the kiln, he still has some loss of bowls blanks. He notes that in order to promote, slow even drying, the kiln should ideally be packed with bowls. If he is doing a run of bowls, Mac will keep unsealed bowls in brown paper bags for up to a week. He does not pre-coat his bowls with anything. When he starts off, the kiln temperature will be set at 80 degrees for the first week. The second week the temperature is raised to 90 degrees and for the final week, the kiln temperature is set between 95-100 degrees. Following three weeks in the kiln, the bowls are usually dried down to a moisture content of 10%. Once out of the kiln, Mac will take a fine skimming cut from the bowl surface and expose new wood. He then allows the bowl blank to equalize with the humidity/moisture content in his shop.

Parts to construct Mac's kiln should cost less than \$100 and some are available through Woodtech. When constructing the kiln's door, Mac does suggest a Plexiglas panel insert to allow you to see the kiln's contents.

November Demonstration (continued)

The second part of Mac's demonstration consisted of a review of some of the techniques/tools Mac uses in creating the beautiful surface decorations on his pieces. Unfortunately, I found it hard to be in several places taking notes, listening and photographing the demo. Some info may be missing and other info may not be complete/accurate. Please speak to Mac if questions, etc.

In preparing a piece of stock to be attached as a rim, Mac will use a flat board with two different grits of sandpaper on either side. The board is held against the rotating stock and produces a nice flat surface ready to be glued on to your bowl blank (see below). Mac recommends always marking the side of the piece you have trued up and if you plan on rechucking a piece at anytime, make a mark that tells you what jaw of your chuck lines up with the mark.



Mac truing future bowl rim.



Rim sanded flat with sanding board.

Mac uses Tite-Bond glue to attach his rims. He notes that cyanoacrylate glues are too brittle to be used. If in the future a piece was to be dropped, a cyanoacrylate glue joint may fracture whereas the Tite-Bond joint should hold without any problem. The trued up rim can be held in place after gluing by applying pressure through a plywood disc held on the outside of the rim by the tailstock. Mac usually waits only a few hours for the glue to dry and has yet to have any significant problems with glue joint failures.

Mac also uses a series of different power tools to add surface decoration. One of the tools is a Foredom Carver that runs at approximately 14,000 rpm. This tool uses a combination of carbide tip cutters and stump cutters. Mac will also use a Dremel tool with the router base attached. This allows him to do some finer cutting out of surface patterns. Make sure your piece is held firmly in the lathe and if necessary, you are using an appropriate indexing system (See last month's newsletter for Mac's Oneway Lathe Indexing Modification).

Meeting Schedule

Remember meeting times have been switched back to 7:00 P.M. start times. If we anticipate meetings where there will be a lot of club business to be discussed, those meetings may start at 6:30 and club members will be notified of change in start times.

- **December 20th, 2000**

Traditional Yankee Swap and Pot Luck Meal.

- **January 17th, 2001**

To be announced. Any takers? Steve Gleasner did email me and expressed willingness to give future demo on what he describes as a "kick ass" method of turning balls. Steve learned this at the Charlotte Symposium and is more than happy to share his new found knowledge.

Jack Vesery also expressed a willingness to do an in shop demo at his home. This would probably be later in the Spring.

Please contact Peter and Bob with suggestions/availability.

Classifieds

For Sale:

Baldor 1140 RPM, 120 volt motor. 3/4 HP. Great for lathe or grinder. Please contact Fred McIntyre.

Your Ad Here. Please Contact Kieran with any Classifieds.

Wood Auction

Please bring any and all wood for auction at next meeting. Peter is anxious to generate money for the club. It's never too early to plan for next season's gifts.

Turning Tip

If you need a turning smock and know somebody who works in a hospital, you may try to hit them up for old OR/Central Sterile Supply Gowns. Tie straps can be replaced with Velcro closures. Can also sew pockets on back. Any contacts?

Potentially Toxic Wood Guide

I came across this information several months ago and felt it would make a nice reference guide to have in our shops. The information is taken from the Musical Instrument Makers Forum and is attributed to Roy Banner who was a woodturner from Torrance, CA. Mr. Banner almost lost his life in 1989 to anaphylactic shock after turning pieces of exotic wood.

After each listed wood name come categories separated by slashes / / :

Class: Woods are classified as either an irritant which causes a reaction fairly rapidly after exposure and will cause a similar reaction repeatedly, or sensitizers which may have a latency period of hours or months and may require repeated handling before reaction occurs. Sensitizers are the more severe, because once you're sensitized, you are sensitized for life and reactions only get more dramatic.

Reaction Category:

- Eye and Skin irritation (hives, itching, redness)
- Respiratory problems
- Nausea, headache or general malaise
- Cancer of nose/sinus

Potency: Small, great, or extreme. This is the potential of the wood or sawdust doing harm and would vary with the individual.

Source: Dust, wood or both.

Incidence: Unknown, rare or common.

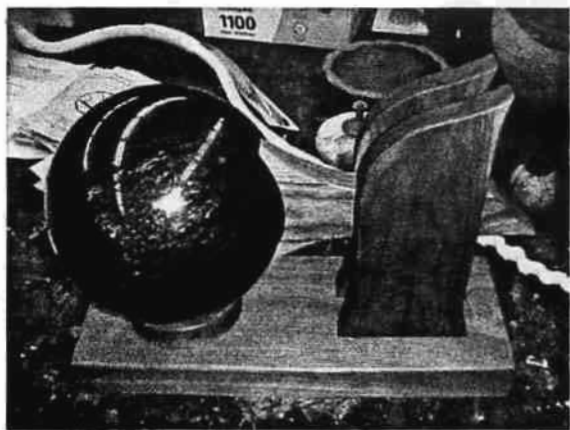
Kieran

Afromosia: irritant/eye and skin, respiratory/great/dust
 Alder: irritant/eye and skin/respiratory
 Angelico: irritant/eye and skin/respiratory/great/dust
 Arborvitae: irritant/respiratory
 Ash: irritant/respiratory
 Baldcypress: sensitizer/respiratory/small/dust/rare
 Balsam fir: sensitizer/eye and skin/small/dust/rare
 Beech: sensitizer/respiratory/great/dust/rare
 Birch: sensitizer/respiratory, nausea/great/dust, wood/rare
 Black locust: irritant/nausea/great/rare
 Blackwood: sensitizer/eye and skin/great/dust, wood/common
 Boxwood: sensitizer/respiratory/small/dust, wood/rare
 Cashew: sensitizer/eye and skin/great/dust, wood/rare
 Chechem: irritant/respiratory, eye and skin/great/dust, wood/unknown
 Cocobolo: irritant/respiratory, eye and skin/great/dust, wood/common
 Dahoma: sensitizer/respiratory/great/dust/common
 Ebony: irritant/sensitizer/respiratory, eye and skin/great/dust, wood/common
 Elm: sensitizer/eye and skin/small/dust/rare

Potentially Toxic Wood Guide (cont.)

Fir: irritant/eye and skin/small/rare
 Goncolo alves: sensitizer/eye and skin/small/dust, wood/rare
 Greenheart: sensitizer/respiratory, eye and skin/extreme/dust, wood/common
 Guarea: sensitizer/eye and skin/extreme/dust/rare
 Hemlock: nasal cancer/great/dust/rare
 Ipe: irritant/respiratory, eye and skin
 Iroko: irritant/ respiratory, eye and skin/extreme/dust, wood/common
 Katon: irritant/respiratory
 Kingwood: irritant/eye and skin
 Mahogany, American: sensitizer/respiratory, eye and skin/small/dust/rare
 Mahogany, African: sensitizer/respiratory/great/dust/rare
 Makore: irritant/respiratory, eye and skin
 Mansonia: irritant/respiratory, eye and skin/extreme/dust, wood/common
 Manzinilla: irritant/respiratory/dust/rare
 Maple: sensitizer/respiratory/great/dust/rare
 Mimosa: irritant/nasal/extreme/dust, wood/common
 Myrtle: sensitizer/respiratory/great/dust, wood/common
 Oak, red: nasal/great/dust/rare
 Obече: sensitizer/respiratory, eye and skin/great/dust/common
 Olivewood: sensitizer/respiratory, eye and skin/great/dust, wood/common
 Opepe: sensitizer/respiratory/small/dust/rare
 Orangewood: respiratory/rare
 Padauk: irritant/respiratory, eye and skin, nausea/extreme/dust, wood/common
 Pau ferro: sensitizer/eye and skin/small/dust/rare
 Peroba rose: sensitizer/respiratory/great/dust, wood/common
 Peroba white: sensitizer/respiratory, eye and skin
 Purpleheart: sensitizer/eye and skin, nausea/small/dust, wood/rare
 Quebracho: nasal cancer/great/dust/rare
 Ramin: irritant/respiratory, eye and skin/small/dust/rare
 Redwood: sensitizer/respiratory, nasal cancer/small/dust/rare
 Rosewood(s): irritant, sensitizer/respiratory, eye and skin/extreme/dust, wood/common
 Satinwood: irritant/respiratory, eye and skin/extreme/dust, wood/common
 Sassafras: sensitizer/respiratory, nausea, nasal cancer/small/dust, wood/rare
 Sequoia: irritant/respiratory, nasal cancer/small/dust, wood/rare
 Snakewood: irritant/respiratory/great/dust, wood/rare
 Spruce: sensitizer/respiratory/small/dust, wood/rare
 Stavewood: irritant/respiratory
 Sucupira: irritant/respiratory
 Teak: sensitizer/eye and skin/extreme/dust/common
 Walnut, black: sensitizer/eye and skin/great/leaves and bark/unknown
 Wenge: sensitizer/respiratory, eye and skin/great/dust/common
 Willow: sensitizer/nasal cancer/great/dust/unknown
 W. redcedar: sensitizer/respiratory, nasal cancer/great/dust/common
 Yew, Europe: irritant/eye and skin/great/dust/common
 Zebrawood: sensitizer/eye and skin/great/dust/rare

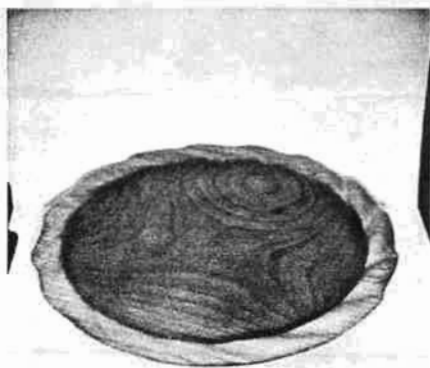
Show and Tell, Nov., 2000



Alan's "Nut Cracker", Cherry/Bowling Ball



Alan Retooling Ex-President, Jeff Clapp



"Apple Pie" bowl, cherry, Peter A.



Segmented Turning, T. Raymond



Crotch Bowl from Elm Tree, Mark Irving

Show and Tell, Nov., 2000, Cont.



Burl Wine Stoppers, Mike Chase



David's New Turning Helmet, Peter A.



Turned and Carved Vessel, J. Vesery



X-mas Ornament, Jeff Clap



Turned Vessel
with Surface
Carving. J. Ve-
sery