



Contains February 2007 Minutes

March 2007



**Mike Mordas was the February demonstrator.**

*By Phil Brower & Jerry Schaible*

Mike is the Woodshop Teacher at Hudson High School. In addition to his teaching career, he owns and operates a fishing lure manufacturing business. He supplies most of the major sporting goods retail stores throughout the country with fishing lures that he produces. To produce the number of lures required to meet his orders, he has two employees who cut out and assemble the lures and then he does all of the painting.

Through his many years of actual fishing experience he has found that fish don't care how sparkly, how straight or what

shape lures are. Only fisherman, care about such things. However, fish do care about the movement of the lure in the water. Because of that Mike has spent a lot of thought and time in developing his successful line of fishing lures.

He produces two types of lures: one that is a solid cigar or oval shaped that is turned on a lathe, and the other is a two-piece flat tail lure that is made using a template box and a router. He makes the lures from clear quarter sawed cedar. He uses plastic for the lower lip to make it wobble in the water.

The cigar shaped lure is made on a lathe using a Vega duplicator so that he can mass produce the body of the lure. The body of the lure is turned so that the square ends are left on the piece until the unit is just about complete. The squares on the ends allow for stability during the finishing and painting process. The ends are removed as the lure is completed.

The two piece flat tail lure is made using a template box and a router. The box is rectangular in shape and has two templates, one for each half of the lure mounted on the bottom of the box. Two pieces of cedar are mounted on the templates in the bottom of the box. A router with surface plate and a 1/4" shank straight solid carbide cutter bit with a ball bearing is used to trace the parts. The slot for the lip is also cut in at this time. A second router with a face plate

and a round over bit is then used to round the edges of the two halves of the lure.



The two pieces of the lure are removed from the box and glued together. Mike uses Franklin Glue or Original Tightbond to glue the pieces together. He feels that there is no need to use water proof glue because of the finishing process he employs. After he puts the glue on the pieces he rubs them together to even out the glue and to remove all of the air bubbles. Here he uses a rubber band to hold the lure together. Mike feels that Gorilla Glue and others like it are not appropriate for this application, because they tend to expand and are not stable.

The lures are now ready to finish. They are sanded using 80/100 grit sanding pads. Using any higher than that the surface will be too smooth and the paint will peel off. Mike finds that Sherwin Williams sanding pads are best because they are economical at about 59 cents each.

Now the lure is ready to finish. The body is now coated with shellac to fill and make a surface that will hold the paint. To keep the surface even, the lure is attached to a contraption similar to a Ferris Wheel ; as it turns, warm air passes over the surface to dry the shellac. After the lure is dry it is ready to paint.

Mike uses Water Based Acrylic paint applied with airbrushes. Three coats of pure white paint are applied first drying each coat as it is applied using the Ferris Wheel and warm air. Next he applies one coat of the desired basic color and dries that layer. He then adds striping to the lure. The next step is to wrap the lure with a special cloth that he purchases at Joann Etc. ; then he uses the air brush with black paint to form the fish scales. Finally, he adds the eyes which are doll eyes purchased at Pat Catan's . To finish the lure he uses a two-part epoxy to apply the plastic lip and adds a screw eye to attach the fishing line. The screw eye is installed by drilling the hole with a flooring nail. He uses a 1 7/16" screw eye.

One final tidbit that he provided was in regard to any glue that has hardened. Apply vinegar to the hardened glue to soften it and then the glue will come right out. He also said that new glue over old glue will never work.

Thanks Mike for a great demo!

### ***More hands and new ideas make for a better newsletter***

Please take a good look at the photo layouts on pages 5 and 6. If you've been to a meeting in the last two months you know that Marty Chapman has been working very diligently to build a portfolio of photos of our show and tell pieces each month. Now Gordon Seto has stepped forward and volunteered to create a more attractive way to display those photos in both our newsletter and our web pages. Gordon not only spent time putting the photos together, but also had to learn enough about Microsoft Publisher to be sure his work would be compatible with the newsletter. Please let Marty, Gordon, and me know how you like it. **Dave**

## **PRESIDENTS SOAPBOX**

### **March 2007**

#### **Items of Interest**

BWWT has been granted a \$1400 Educational Opportunity Grant. The money will be used towards the purchase of 10 sets of turning tools, one set for each mini-lathe.

Early warning, King Heiple from the North Coast Woodturners will be giving the demo at our April meeting. He will be demonstrating tulip top candlesticks. The project of the month for April will be Bird Houses and Bird feeders, either turned or flatwork.

Don Karr and the folks working on upgrading the library cabinets will be asking for some help in constructing and modifying the modular cabinets they plan to purchase, please support them in their efforts.

We had several folks take templates home from the February meeting to scroll saw components for the Y-NOAH project. Once they are completed there will be additional steps required to finish the remaining six information boards. We will need some folks to do some staining, possibly some finish application and attachment of Plexiglas and wire hangers. Don't miss the opportunity to help in the next step of this project, I will be soliciting for volunteers at this month's meeting.

We still have two spots available for the Turn & Learn following this month's meeting. We will be turning ring holders similar to those demonstrated by Bob Rosand. The fee is \$5.00 to cover the cost of materials. Bring your lunch or plan to contribute about \$4.00-\$5.00 to the pizza delivery kitty. We will also need more seasoned members to assist, bring some tools appropriate to spindle turning. We will be working with dry wood, so we have the opportunity to use sandpaper and quick finishes as

well. I will pick up a can or two of lacquer and a few sheets of sandpaper. If you think we may need something else, bring it.

#### **Safety**

**(This is a modified excerpt from a monthly safety newsletter here at work.)**

The dictionary definition of an accident is: "An unexpected and undesirable event." For instance, you are working at the band saw, but thinking about how you are going to turn the bowl from the rough blank. You get a little too close to the blade and lose a little skin in the process, this is certainly undesirable, but was it also unexpected? No, it wasn't! The threat was there, and the possibility was real therefore, we cannot call this an accident. It was not done on purpose, no one plans to injure themselves ----- but it could have been avoided if all proper precautions were taken.

Was it an accident when the Challenger exploded right after take-off? You decide. Official reports say that it exploded because of cold temperature affecting the performance of a seal that was already stressed due to an inadequate design. Previous inspections had shown that these seals were not holding up properly during launches and it was known that low temperature would degrade them. Was the explosion an accident? No, this was a serious error on the part of officials to allow the launch to proceed even knowing the probabilities. The warning signs were overlooked.

We all get warning signs. Sometimes it is just a feeling or "sixth sense" that provides the warning. Whatever it is, we've got to do something when we see them or feel them. We are in the shop working with a grinder. We've got our goggles on but small metal chips keep flying off and hitting exposed skin, **Cont. on page 7.**

## Calendar of Events

**The March meeting** will be at Camp Y-Noah Saturday March 17th

There will be a **turn and learn** after the March meeting, More info on this is included in the presidents soapbox starting on page two.

**The project of the month for March** will be kitchen or garden tools.

**The featured demonstrator for the March meeting will be Dave Hout** with instruction on through dovetail joinery.

**The featured demonstrator for the April meeting will be King Heiple** on making the tulip candle holder.

**The project for the month of April** will be bird houses. Please participate in this interesting event.

**The Ohio Valley Symposium** will be held in Cincinnati, Ohio again this year. Members are encouraged to sign up as soon as possible since there will be limited participation. The dates for the symposium will be Oct. 12- 14, 2007.

There are plans being made to have a field trip to the **Warther Carving Museum** in the coming months. Stay tuned for further information on this great opportunity.

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# Show & Tell

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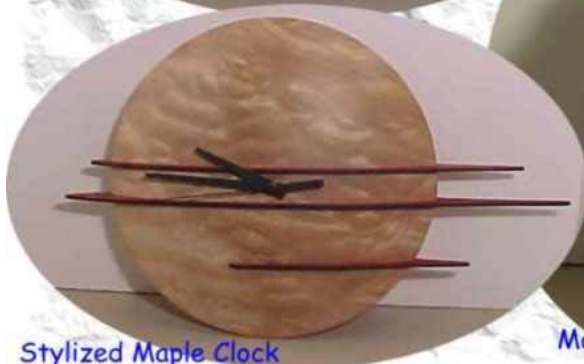
Ash Bowl



Miniature  
Tauga Nut  
Bowl



Carved Walnut Platter - Bowl



Stylized Maple Clock



Maple Burl Vase



Elm Burl Bowl

Larry McCardel



Spalted Maple Box



Mystery Wood Box

Ralph Kubal



Pedestal Box  
w/ Pyography

Bill Seabolt



Red Oak Box

Travis Parsons

Spalted elm bowl  
w/ stoppers



Spalted maple Bowl



Roger Walker



Walnut Box

Carroll Jones



Segmented Ball

Marty Chapman

## Show & Tell



Myrtle Bowl



Pierced Maple-Cocobolo  
Hollow Form



Maple Hollow Form



Box Elder Natural Edge Bowl



Black Oak Burl Hollow Form



Ash Bowl



Threaded Box Elder Box



Threaded Ambrosia Maple Box



Gordon Seto



Multi-Axis Icicle Ornaments  
w/ Stand



## **BUCKEYE WOODWORKERS AND WOODTURNERS**

Feb. 17, 2007

The BWWT was called to order by Pres. Ben Fix. Approximately 40 woodturners were in attendance. He welcomed all visitors to the meeting and hoped that they would have an enjoyable time. Pres. Fix mentioned that the club was going to make some signs for Camp YNoah to be used as a display for current information about the camp. These display boards will be distributed throughout the YMCA complex to show the upcoming events that they will be participating in. He asked for additional help in making the signs. There were some lettered patterns available for individuals to use in making the display boards. Color schemes are also available if members would contact Ben for those items.

Doll Lumber is in need of turned objects for their upcoming Lumbermans Annual Auction. Items needed will be larger bowls, wine stoppers and lidded boxes. These have been big sellers for their auction in past years. We are also planning a field trip to their sawmill in the coming months. More information will be forthcoming on this trip.

A treasurer's report is available if you contact Treas. Lou Mineweaser.

Discount kits for pens are available at the March meeting.

All members were encouraged to fill out their profile sheets. This is a great help to us so that we can target those who are willing to help in running the club. These profile sheets are located in a large notebook. Please fill these out at your convenience.

The March meeting will feature Dave Hout and his instruction on through dovetail joinery. The April meeting will feature King Heiple in making the tulip candle holder.

Hoby Horn has sent emails or contacted various national demonstrators to see about their open dates in their calendars to present demonstrations to our club members. This will be taking place in the coming months.

The project of the month for March will be kitchen or garden tools. The project for the month of April will be bird houses. Please participate in this interesting event.

The library discussion centered on the purchase of cabinets so that we could house all our library books and videos in the main room and all members could have access. Currently there is limited participation in the library usage. Larry McCardel made the motion that we should spend a maximum of \$260 for a cabinet. The motion was seconded by Ralph Kubal. The criteria was established that it needed to be locked and the cabinet needed casters for ease of movement from the store room to the main meeting room. The motion was passed and the committee of Don Karr, Marty Chapman and Glen Graham were to locate the style of cabinet and make the purchase.

It has been proposed that a display cabinet be set up in the main dining hall to house some of our woodturnings and thereby showing all visitors to the camp that quality woodturning is available on site. The motion was passed that we spend a maximum of \$200 for materials to build the cabinet. Larry McCardel has graciously consented to build this cabinet.

The Ohio Valley Symposium will be held in Cincinnati, Ohio again this year. Members are encouraged to sign up as soon as

possible since there will be limited participation. The dates for the symposium will be Oct. 12- 14, 2007. You are to contact Joe Keeler at 513-233-0493. His address is 7965 Kimbee Drive, Cincinnati, Ohio; 45244. The location for the symposium will be at the Higher Ground Conference Center at 3820 Logan Creek Lane, West Harrison, Indiana, 47060. The cost will be \$250 for the symposium. Rates for lodging will be \$180 for a single room and \$240 for a double room which includes 3 nights lodging. A dorm style bed with a common bath is \$13 per night. Demonstrators scheduled for the event are Trent Bosch, Nick Cook, Clay Foster, Matt Hill, Mark Carter, Mark Sfirri, and Molly Winton. There will be evening events, an Instant Gallery, Tool and Wood sales.

There are plans to have a field trip to the Warther Carving Museum in the coming months. A bus is planned to be used to take members to New Philadelphia / Dover area.

It looks like there will be enough member interest to make this journey. Ben will be emailing individuals to get their payments.

The meeting adjourned to make ready for the demonstration on fishing lure construction by Mike Mordas.

Respectfully submitted  
Jerry Schaible, Sec.

## ***Presidents Soap Box Cont. from page 2***

shouldn't we reach for a face shield? (Even if it means a trip to the hardware store?). We keep banging our knuckles when our wrench slips from a bolt. Do you think it might be a warning sign that the old favorite wrench may be worn out and need replacing.

Do woodturning blanks keep flying off of the lathe? It has been said that the height of insanity is doing the same thing, the same way over and over again, with the expectation of a different result. Maybe it is time to review chucking techniques before a serious injury occurs.

We should always think about what could go wrong before we perform any task, especially where power equipment is concerned. Accidents are usually caused by an error, an error in judgment ---- we didn't consider all aspects of the job and what could possibly go wrong or maybe we were a little lazy and decided to use the wrong tool because it was handy instead of taking the time to get the right tool. Sometimes accidents are caused by familiarity, we have used the same tool so often that we have lost our fear of the equipment and don't take the same precautions we did when the equipment was new and unfamiliar.

Here's the challenge for all of us: Whenever you begin a task, think about what could happen and what you can do to make sure it doesn't happen. Stay alert and recognize early warning signs of what might be starting to go wrong. Take the time to say: WAIT A MINUTE. LET'S THINK ABOUT THIS! It only takes a few seconds to do a mental risk assessment before going on, it could prevent an accident.