



Contains September, 2012 Minutes

October 2012

BUCKEYE WOODWORKERS AND WOODTURNERS Sept 8, 2012

The regular meeting of BWWT was held on Sept. 8, 2012 at Kastner Hall on the Y Noah campus on Mt. Pleasant Road in southern Summit County, Ohio. Members were welcomed to the meeting which would feature a sanding demonstration by Peter Kerns from KWH Mirka Ltd. Presiding over today's meeting was Bob Taylor, our current vice president.

VP Taylor mentioned that our next meeting will be at Keim Lumber Co. on Oct. 13, 2012. He stated that we will have a woodturning group located at Keim Lumber on Friday, Oct. 12 and Sat. Oct. 13. They will demonstrate woodturning as a hobby in the lumber section near the exotic woods. Lathes will be set up by the Keim Lumber management for our use. Keim will also supply the hardwoods that we will turn during the session. Friday hours will be from 8 AM to 4 PM and Sat. the turning session will go from 8 AM to Noon. Our regular business meeting will be held on Sat. at 9 AM at Keim Lumber and then we will have a tour of the molding and planning facilities at Keim. This is all in conjunction with Charm Days which is a locally sponsored community festival. Watch for a special email from Pres. Bob Scharl in describing more of the particulars of the event days.

The Nov. demo will be on Band Sawn Boxes and given by VP Bob Taylor. There will be a Turn and Learn session in the afternoon and anyone willing to participate in this educational activity should pay their \$5 fee to our treasurer and sign the appropriate sheet.

The December meeting will be on turning elliptical boxes by Bob Scharl. Please note that the annual Christmas Dinner will not be held in December.

In January we will have Marty Chapman demonstrating spindle turning and how to make a rolling pin. He will teach how to make the regular rolling pin as well as the French rolling pin. Marty is an excellent teacher and has taught woodturning at the John C. Campbell School of the Arts in North Carolina.

The Paul Bunyon Show will be held in mid October and is sponsored by the Ohio Lumbermen's Association. This show will be held in Cambridge Ohio for two days. We have several members of our club that will be turning at this event to show the spectators that beautiful platters and bowls can be made out of the timber that is harvested by this group of wood cutters in addition to the firewood that they create.

VP Taylor stated that the Pens for Troops project is due at the Oct. meeting date. He said that the absolute latest that we can get the pens turned in is at the Nov. meeting.

The pens will be grouped together with others in NE Ohio and shipped by the Woodcraft Store in Bedford to our troops in foreign lands. All pens are to be the 7mm styles and the parts are donated by Woodcraft as well as the wood materials to make them. This project is in honor of what they are doing for us. 150 pen kits have been requested by our club president. All kits have been handed out to the members.

It was noted that the discount at Hartville Hardware is for turning tools only and not general purchases. It was also noted that the Hartville Tool discount through their catalog division is good for 15% on anything in their catalog. You must identify yourself at the time of placing the order or if ordering online, make a BWWT membership affiliation notification in the comment slot of the order blank. Tom Nellis, treasurer, will give them an updated version of our membership list so that there is no confusion in the future.

Jerry Berylyoung stated that he has a truck full of free wood for the taking. The truck is located at the top of the Kastner Lodge hill.

It was noted that this month was the 20th anniversary of our club since its inception. Several members from the early history of the club were invited to stand and be recognized. Cake and coffee were provided for the members' enjoyment.

Hoby indicated that his friend donated several tools to our club for our use during demonstrations or for needed activities during our demos. Any tools that are not used in time may be sold at our summer auction. Hoby felt that it would be nice if we turned him a platter and a bowl from our members to him. We thank him for this donation to our club.

Respectfully submitted
Jerry Schaible, Sec.

Anyone wishing to submit pictures for the newsletter please send them to the editor within two days of the meeting.

No pictures were submitted this month.

**Mirka Abrasives
Peter Kern, Company Rep.
Sept. 8, 2012**

Peter Kern, corporate rep. from the Mirka Ltd. Corporation, was introduced by Program Chairman, Bill Stone. Peter thanked the membership for inviting him back for a deeper discussion on the exceptional sanding properties of Abranet and Abralon as it pertains to the woodturning contingent in the US. He stated that he has been with Mirka for 9 years and found that it is a wonderful company to do business with. He indicated that Mirka manufactures all their product line in Finland but that the company is established worldwide in sales and corporate presence. He also stated that the home base for North American operations is in Twinsburg, Ohio. He said that Mirka is the worlds' largest manufacturer of plastic wrap and that you might see it in transit of new cars that are hauled from the auto manufacturing divisions to the dealerships in the US. These cars are wrapped to protect the fine finishes that have been produced on these vehicles. He indicated that the Mirka Ltd is still a family owned business, in spite of the general corporate investment pressure to go public with the corporations. In the past several years, there has been an economic downturn in the US economy as well as the European economy. This has led to a downturn in sales worldwide for most corporations. Faced with this economic downturn, the Mirka Ltd still invested money in research and development to come out with 8 new product lines for their customers. Peter said that the company tries very hard to not outsource any of their product lines and tries

to make the product in house. It was felt that this was done to maintain quality control of their product line and truly accept responsibility for their product production. He said that his company supplies finishing product to the auto industry, optics manufacturers, and the airplane manufacturers. In addition the Mirka Ltd is making finishing compounds for the metal finishing industry. He stated that Mirka has now come out with an electric sander for around \$395 and it operates like an air sander, but without the cumbersome air hose attachment. This sander will come in the 5" and 6" disc models. It should be noted that there are several profiles that have been created for this sander that can be interchanged with the standard issue. He also stated that Mirka Ltd is coming out with a new 3" orbital sander made for woodturners applications on bowls. A member of the audience indicated that he hoped that the model will have a slanted drive train to get into the interior of the bowls and not a 90 degree format like a lot of angle sanders have that are currently on the market.

Mr. Kern stated that the most dominate question he gets from the woodworking industry or woodturners, is "What kind of paper should I use and where is it applicable". He noted that some papers can be used for wood and also metal. He said that you will see that some sandpaper companies will market their product lines to a specific market or application. He said that there is always a big debate as to whether one should use a cloth backed sandpaper or a paper backed format. He said that paper is the most common backing or sandpaper. However the weight of the paper determines the flexibility. In other words, the thinner the paper, the more flexibility it has to follow the contour of the sanding surface. The thicker and heavier the paper backing the more rigid or inflexible you will find the sandpaper. Heavier grit is used on the heavier paper and the finer grit is used on the thinner and

more flexible paper backing. Heat and water are the two worst things that can happen to a paper backed sandpaper. A heat buildup will force the glue bond to separate from the paper and therefore a loss of sanding grit. Water, whether it is applied to the sanding process or comes naturally from the wet wood environment will cause the buildup of cellulose or cell structures and over load the paper surface. With the use of the Abranet line of sandpapers, it will be easy to remove the buildup by simply using an air hose to blow out the debris or roll the paper and have the debris fall to the floor. The cloth backed sandpaper has a lot more durability and will work on wood as well as on the metal substrates. In the cloth backed format, there are many options open to the woodworker or wood turner. He suggested that the individual woodturner should try different papers and cloth backed formats to determine what is the most pleasing to the user. Mirka is now working on a latex impregnated paper which will be more flexible for use by the woodturner. He said that the paper is marked A for the lightest grade of paper and up to F for the heaviest paper backing. Peter stated that the Mirka Ltd is concerned about the environment and what impact sanding dust will have to the air. He said that currently, 80% of the European factories are using a vacuum to clean up the air environment at the source of the tool. However in the US, the percentage is quite low and in the 15% range. It is noted that the Americans have a long way to go to catch up to the European sanding infrastructure.

Peter mentioned that there are some new items that will be coming out in the near future. They are working on a new technique that has a film back or plastic film as a backing for their sanding discs. He said that he has found that some of the applicators have had trouble with the edges of their sanding discs wearing or tearing when used in the orbital sanding devices. This plastic film has been found to be more durable than the pre-

vious format. They are also making a hook and loop paper with a Velcro lamination attached to it. This provides an extra layer of protection when sanding the surface profiles. He stated that in most cases, the hook and loop will last longer. There are several orbital sanders to use with this film and hook and loop backing. One of the sanders is built with a 3/16" orbit for general smoothing and there is also a 3/32" orbital sander that is used for finishing. This film backed product is used for smoothing out the surface where there are hills and valleys like in the common orange peel surface. The sandpaper acts as a leveling process to remove those higher spots. Film backed sandpaper is becoming very popular in the industry. A new product is being made now with a foam backed paper in hook and loop format. This is used in the woodworking industry and this product can be folded over to provide comfort when sanding.

Mr. Kern indicated that Abranet is a sanding surface that will not be affected by water or heat. If the Abranet loads up with material and it clogs, the sandpaper is still good. The Abranet product will clean out easily. Abranet is made from 80 grit product to 1000 grit finishing material. The coatings are aluminum oxide coatings for the abrasive material. Heavy Duty Abranet comes in 40 grit, 60 grit, 80 grit, and 120 grit. The next generation users will have Heavy Duty Abranet cloth for a backing. Mirka Ltd is now making several assortment packs for woodworkers in the 80 grit to 600 grit format. If you purchase the pack that has 5 of each grit, it is cheaper per sheet. Peter said that he likes using the 400 grit between coats of finish. He said that it provides a nice surface for allowing the following coat of finish to adhere to. The wet dry paper is still used in the metal auto body finishing industry. He said that those grits go from 80 grit to 2500 grit. He said that there are various forms of sandpaper available. The most inexpensive way to purchase the paper is by the rolls or

sheets. He said that it is very advantageous to purchase the larger sheets and cut them into the sizes that you need, such as 2" and 3" small discs. The Mirka Gold paper has the widest variety of papers for the end user and is widely available in most hardware stores, particularly Hartville Hardware of Hartville Ohio.

The Mirlon line is used by a wide variety of woodturners to provide a very smooth surface to the turned piece. This is a woven rectangular pad with aluminum oxide, silicon carbide resin and abrasives impregnated into the fibers. This product is very flexible and very good for surfacing contour substrates. The maroon color pads are in the 220 / 360 grit format and the gray pad is 800 silicon grit. The pads are 6" by 9" in size. The Mirlon Total comes in maroon with a 360 grit and great for woodturning, gray which is 1500 grit and used for acrylics, and light gray or beige which is 2500 grit and also used for acrylics finishing. The Mirlon comes in a pack form and you use it by hand application. It can be rinsed out with water or blow it out with an air compressor.

New on the horizon will be a Mirka Ltd alliance with Woodcraft from Parkersburg, WV, to provide a liquid polishing kit for woodturners that will go from coarse to ultra fine finishing. The polishing compounds are very pure and can be used for woods and acrylics. It is considered to be a liquid sandpaper. The old compounds used to be made with a kerosene base but the new product from Mirka Ltd will have a glycerine base. Also Abranet will be produced in strips for woodturners in 180 grit to 600 grit.

We would like to thank Mr. Kern for providing us with all this information that will be applicable to the woodturning community for our finishing needs. A special debt of gratitude is extended to the Mirka Ltd company for their dedication to research and development to provide us with the finest finishing materials

on the open market.

Respectfully submitted
Jerry Schaible, Sec.

Calendar of Events

**PLEASE NOTE
BWWT MEETINGS ARE NOW
HELD ON THE SECOND SATURDAY
OF EACH MONTH BEGINNING AT
9:00 AM**

October, 2012...Field Trip to Keim Lumber in
Charm, Ohio

November 10, 2012....Bandsawn Box by
Bob Taylor

December 8, 2012....Elptical ring box by
Bob Scharl

January 12, 2013... Spindle Turning by
Marty Chapman

**Anyone wishing to submit pictures for the
newsletter please send them to the editor
within two days of the meeting**

BWWT OFFICERS FOR 2012



President

Bob Scharl
330-497-2682
bse2eit@yahoo.com



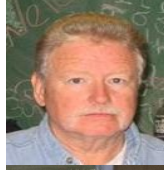
Vice President

Bob Taylor
330-497-1914
bettyt44720@yahoo.com



Secretary

Gerald Schaible
330-673-6512
gschaible001@neo.rr.com



Treasurer

Tom Nellis
330-947-3441
brewmeister43@hotmail.com



Librarian Rick Maier

330-745-6751
jmaier4@neo.rr.com



Newsletter Editor

Bob Taylor
330-497-1914
bettyt44720@yahoo.com



Web Master

John Adams
440-838-1122
JADAMS@NACS.NET



Membership Admin.

Phil Brower
330-688-7244
fbtoad@aol.com