

BCWG September 2021 Meeting Minutes

**The September meeting was held at Barry Young's shop.
The next meeting will be on Tuesday, October 19 at 7 PM at the
Lincoln Township Library
2099 West John Beers Rd., Stevensville**

President Dennis Szymanski called the meeting to order.

Announcements

Guest Jeff VonKoenig was welcomed and newest member Chris Cook was recognized.

John De Lapa announced that the latest wood carving class at the Krasl Art Center has begun with 2 BCWG members in enrolled.

President Szymanski mentioned that the Lincoln Township Library has rooms available to host occasional future meetings of the Guild. Tom Hurst told how he is working with the Lincoln Township/St. Joe Senior Center exploring the possibility of making a community woodworking center funded by various grants and matching funds. The woodworking center would likely be realized towards the middle of 2022.

Many thanks to Kim Massa for covering the minutes for our meeting in August.

Demonstration

Mark McCrane displayed and described the construction of 2 walnut/epoxy table tops which he is preparing for a customer. The pieces were quite attractive and involved large areas of full-depth epoxy rather than just crack filling. The large walnut pieces were temporarily hot glued to the bottom of a malamine lined mold box followed by the pouring of several layers of Stone Coat Countertops epoxy. Following a rather elaborate curing process, the walnut/epoxy slabs were sanded and finished with several coats of Ceramithane acrylic-urethane. Mark vouches for the extreme toughness of Ceramithane and claims that it is available at Home Décor Paint store in Benton Harbor.

Show & Tell

Barry Young

Barry showed an example of 10 stair banister spindles that he is making for a friend. Barry claimed that the kiln-dried red oak material he used presented many challenges when shaping on the lathe due to its brittle nature.

Keith Carr

Keith brought a gimbal style clock which he made from a design outlined in Wood Magazine. The clock workings were surrounded by a pair of offset wood circles all held in place by a 2-piece walnut "spire." Keith used some clever routing techniques to form the poplar circles.

Roger Bredeweg

Roger showed a series of intricate trivets made from a large number of small cut sticks of cherry wood that formed geometric designs. He also found the designs in a copy of Wood Magazine. The preparation involved the use of a multi angled table saw sled. The overall designs followed the popular Japanese "Kumiko" style.

John De Lapa

John brought some experimental pieces where he was trying to improve upon the strength of traditional wooden butt joints. One involved the use of a full width, large diameter dowel inserted through the middle of the joint which increased the available gluing surface by 2.5 times. A discussion ensued on how to perform a strength test on the test pieces and several hydraulic presses with pressure gauges were offered up. In the world of Materials Engineering, what John is looking for is called a modulus of rupture test or simply MOR – I can provide all sorts of applicable equations to John if he is interested!

Lindsey Smith

Lindsey followed up on a previous presentation of a routing/carving method he used to form a "weaving" pattern for a king size bed. This time it was handmade drawer fronts for a 7-drawer dresser. Lindsey creates a three-dimensional pattern by

hand-guided routing followed by hand carving. The hand carved portion represents only about 10% of the wood removed but takes about 90% of the time!

The "Sawdust in the Hat" drawing for a Lowe's \$25 gift card was won by Barry Young.

Regards, Lindsey Smith Secretary