



The Humboldt Woodworking Society is a group of professional, amateur, and hobbyist woodworkers. We meet monthly to share ideas and techniques, participate in the College of the Redwoods Wood Fair each year and have a good time talking shop and helping one another grow in our craft. Annual dues are \$25.00.

NOVEMBER 2007 NEWSLETTER

Our next meeting is:

Wallace and Hinz Manufacture and Design
100 Taylor Way, Blue Lake (Phone 668-1825)
7 pm Thursday November 29, 2007

The November 29th meeting will be held at the business location of Wallace and Hinz Manufacture and Design. We will be hosted by Terry Beaudet (Project Management). They have a web page at <http://whbars.com/> that will tell you a little about what they do. They are a very successful business producing custom bars for hotels, restaurants, businesses and residential installation.

DIRECTIONS: Most society members will recognize this address as the old home of Almquist Lumber before they moved to Arcata. Drive to Blue Lake on Highway 299. Take Exit 5 toward Blue Lake. Keep right at the fork and go on Blue Lake Blvd. for about .1 mile. Turn right onto Chartin Rd and go about .1 mile. Turn left onto Railroad Ave. and go about .4 mile. Turn right onto Hatchery Rd and go about .1 mile. Wallace and Hinz is on your right at 100 Taylor Way.

Humboldt Woodworking Society Minutes October 25, 2007

The meeting was called to order at 7:00pm by Treasurer Dave Ashford at Jim Yates' shop.

OLD BUSINESS and NEW BUSINESS:

Society website Coordinator Michael Masumoto asked for photographs of member's completed woodworking projects for the online website Gallery. Please email digital photos to Michael at: kai@acm.org and printed photos to him at P O Box 5779, Eureka, CA 95502. The address of the website is the same as it has been in the past; www.woodworkers.name.

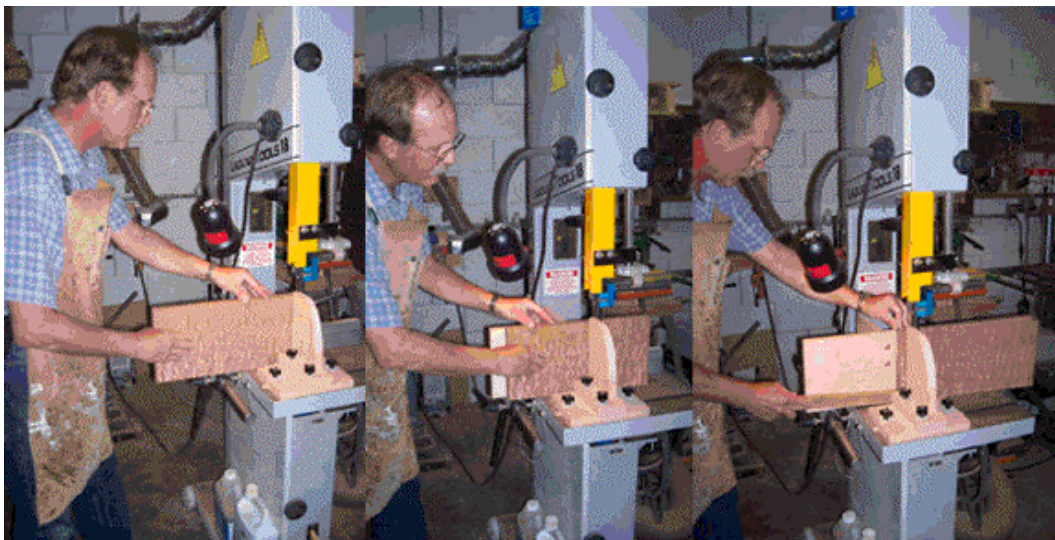


Members attending the October meeting. Photos provided by Dave Ashford.

PROGRAM:

Michael Masumoto has provided detailed notes from Jim Yate's demonstration on our website <http://www.woodworkers.name/article01.html>. Michael's notes are the quality of a Master's Class. Thank you to both Jim and Michael for an extremely informative presentation. Here is a very brief summary.

Jim Yates demonstrated his techniques for veneering by resawing veneers, making a book matched panel, gluing it and clamping it in a vacuum press.



Jim Resawing veneers to be used for book match.



Jim applying the veneer to the substrate and then gluing and clamping in vacuum press. Jim's completed nesting tables.

YOUR ITEMS FOR SALE AT THE WOODFAIR:

It is time to start thinking about preparing items for sale at the Society's booth at the WoodFair. You may be making Christmas or Holiday gifts for family and friends. As you set up to make multiple items like bowls or other turned items, picture frames, cutting boards, carvings, marquetry, boxes, etc., think about making an extra two or three to sell at the WoodFair. The extra you earn may pay for your materials for next year's gift ideas. Small items that are attractive and can be priced at \$25 or less are the most likely to sell. Also, people really like to read little informational cards on the items that tell what kind of wood they are made from, so keep track. If you would like assistance making decorative informational cards to go with your items, Susan Bicknell can help. Contact her at shbdwb@suddenlink.net or phone 768-1975.

WOODWORKING FACT OF THE MONTH: Was Samuel Bentham the inventor of the circular saw?

Samuel Bentham



Samuel Bentham was the younger brother of Jeremy Bentham, the famous philosopher and social reformer. Though he never achieved his brother's level of fame, Samuel's contributions to the history of machine tools cannot be overlooked. At the age of 14, Samuel apprenticed himself to a shipwright, eventually becoming a naval engineer and working for the Russian nobility as a shipbuilder.

Bentham found a shortage of skilled labour in Russia, and as a result he started pondering the possibility of machines that could do the work of skilled craftsmen. When he returned to England in 1791, he registered his first patent for woodworking machines. His designs for sawing, planing and block-making machines earned him the job of Inspector General of Naval Works.

In 1793, Bentham registered the patent for a mechanized process of making woodworking blocks. At the time, pulley blocks were one of the most important naval supplies. Bentham had built a factory for manufacturing these blocks, when he met [Marc Isambard Brunel](#), a French inventor who was also working on a concept for block-making machines. Bentham recognized Brunel's designs (which included the invention of the circular saw) as superior to his own, and persuaded the British Admiralty to commission Brunel to work with him. Bentham and Brunel's machines could be operated by 10 unskilled men, and turn out a product that previously required 110 skilled craftsmen to create.

This information is from The Canadian Museum of Making located online at http://www3.museumofmaking.org/dbtw-wpd/bios_bentham.htm.

FUN WOOD TRIVIA:

Fluorescence is well known in minerals such as Fluorite. However, fluorescence in wood is something rarely utilized by wood workers. Fluorescence is the response by an object to exposure to certain wavelengths of ultraviolet (“black”) light. Objects may absorb “black” light, transform it and reemit it as visible wavelengths. Among woods, 78 genera of woody plants produce fluorescence, 45 of which are in the Legume (pea) family. Yellow is the most predominant color, and also the most brilliant, as in black locust, honeylocust, Kentucky coffeetree, and acacia. Holly has a soft bluish to grayish fluorescence. Magnolia (sweetbay) has a faint pale yellow. Wood fluorescence suggests novel and interesting applications, especially for carving, inlay, intarsia, and marquetry. This and additional information on the fluorescent properties of wood is from the 1980 book by R. Bruce Hoadley called Understanding Wood: A craftsman’s guide to wood technology (The Taunton Press).

FUTURE NEWSLETTERS and WEBSITE INFORMATION:

If you have items of interest that you have written or want to write, wood trivia, shop facts or techniques, items for sale, or photos of your finished projects, please submit them for publication in future newsletters to Susan Bicknell at shbdwb@suddenlink.net or call 768-1975 OR to Michael Masumoto at: kai@acm.org .

FUTURE MEETINGS:

November 29, 7 pm Thursday Wallace and Hinz Manufacture and Design
December 20, Thursday Tentative Annual Holiday Social At Bayshore Inn (by Marie Callender’s in Eureka)

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