

Golden Triangle Woodturners Club - Denton Texas

# THE WOODTURNER

February 2014 Issue No. 3-2

[www.goldentrianglewoodturners.org](http://www.goldentrianglewoodturners.org)

**MEETING : 7:00 PM  
FIRST MONDAY OF THE MONTH  
Center for the Visual Arts  
Bell and Hickory  
TELEPHONE (940) 387-7062**



## Kevin Felderhoff

Kevin Felderhoff was born and raised in Muenster, Texas and earned a BS of Industrial Technology with an emphasis in Construction Management from Texas State University in San Marcos Texas. He has lived in Birmingham, Alabama; Brevard, North Carolina and currently lives in Gainesville, Texas. Currently he is the General Manager of ORTEQ Energy Technologies and turns for a hobby.



Kevin's love for building things and working with wood began in his high school years. He was fortunate to have an awesome shop teacher who taught him great wood working techniques. While in Alabama, a colleague introduced him to woodturning and Kevin quickly became involved with the Alabama Woodturners and in fact was elected President in 2009. He began turning on a Rikon Mini Lathe in 2007 and currently is turning on a Powermatic 3520B. Living in the mountains of North Carolina, Kevin had the opportunity to participate in numerous exhibitions and demonstrations. Fallen wood was prevalent and provided opportunities to challenge and grow his analytical and artistic mind. It was satisfying to Kevin to rescue a gnarly piece of wood and transform it to an exquisite piece of unique art. Turning for Kevin is stimulating and mentally challenging to analyze the rescued wood and calculate the best angle to mount the wood on the lathe.

Being a native of Texas, it was natural for him to want to turn something "Texas" from wood so.... nothing better than a Wood Turned Cowboy Hat. While in Brevard, North Carolina Kevin was mentored by a local woodturned, Nick Neiley and watched Johannes Michelsen "Creator of the Original Woodhat" on how to make a wood turned cowboy hat.

Kevin has studied under David Ellsworth, Binh Pho, Nick Cook, Frank Penta, and Johannes Michelsen.

# THE WOODTURNER

## Chisels and Bits

by Eric Severson

netspec01@gmail.com

### **Ebonizing Wood as a Decorative Finishing Technique**

Woodworkers worldwide are aware that certain species of wood have become endangered and therefore either are difficult or impossible to obtain. Gaboon Ebony (also called African Ebony, Cameroon Ebony and Nigerian Ebony) is one of these species. It is noted for its jet-black heartwood with nearly invisible grain. For centuries this wood was harvested and used by artisan and craftsmen throughout the world. Unfortunately it has been exploited and thus the availability is extremely limited.

There are some substitute woods that can be used to replace ebony. African Blackwood, Macassar (striped) Ebony, Black and White Ebony, Wenge, Katalox and even Texas Ebony (*Ebenopsis ebano*) can be used. Another alternative is to use various techniques to transform other woods into ebony substitutes. These methods include dying, staining and chemical transformation.

The iron-staining or “ebonizing” process uses a reaction between iron acetate and the natural tannins in wood. This reaction can turn wood several shades darker or it can turn wood pitch-black. One advantage ebonizing has over dyes and stains is that the wood fibers are actually colored and thus it has greater depth and durability. A disadvantage of ebonizing is that the iron acetate is water based so it has the potential to raise the grain. With some practice and proper technique the raised grain issue can be avoided or minimized.

To conjure up this magic you’ll need a couple of things: an iron source (steel wool is great) and acetic acid (vinegar). I would also recommend having a source of tannic acid to supplement the natural tannic acid in the wood. You can use “bark powder” or tea. I used instant tea in my limited experiment. You’ll also need some containers to brew up your iron acetate solution, a container for storing the iron acetate solution, one for the tea or bark solution and a container where you will actually treat your wood. I use recycled plastic food containers.

Step 1 – Clean your steel wool in denatured alcohol or soap and water. Rinse thoroughly with tap water. This will remove the oils that are using in the processing of the steel wool.

Step 2 – Put steel wool into your brewing container. Add vinegar to cover steel wool. Allow the gasses that are created to escape freely by leaving the cover loose or put a small hole in the top. Place the container in the garage. It can take up to a week for the steel wool to dissolve.

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## Chisels and Bits

by Eric Severson

*continued*

Step 3 – Strain out any chunks or leftover steel wool. A coffee filter works fine for this. The solution should be either light gray or light reddish brown. Label this solution Iron Acetate or Ebonizing Part B.

Step 4 – Brew up some instant tea, regular tea, tannic acid or a bark powder solution. Pour into a container and label this tannic acid or Ebonizing Part A.

Step 5 – Test the iron solution with piece of oak or cherry before using it on your project. Dip the wood into the solution. It should turn fairly dark in a few minutes.

Step 6 – Your project should be sanded to at least 320. Apply a good soaking amount of Part A to your work piece and allow it to soak in. Be careful not to rub the wood; just lightly stroke the surface with the solution. Blot off any excess that collects. Once the tea has soaked in you can apply the Part B iron acetate solution. The wood should start turning black immediately. Keep applying until every part is turning black.

I have only experimented with some sample pieces of wood. This magic worked as advertised on maple, walnut and pine. All of these samples turned black. I haven't used this technique on a project but I intend to try it out on some finials in the near future.

Okay, now it's your turn. Do some ebonizing and let us know your results! Please check the links below for additional details and tips.

### Links

The Wood Database - <http://www.wood-database.com/wood-articles/ebony-dark-outlook-dark-woods/>

Ebonizing Wood (Woodworker's Guild) - <http://youtu.be/PgV3nRpeKgQ>

Ebonizing Wood - [http://www.popularwoodworking.com/techniques/ebonizing\\_wood](http://www.popularwoodworking.com/techniques/ebonizing_wood)

Chemical Ebonizing: A sure-fire recipe for turning any wood deep black. - <http://www.americanwoodworker.com/blogs/techniques/archive/2012/04/10/aw-extra-chemical-ebonizing.aspx>

# THE WOODTURNER

## Up Coming Activities at GTW

### Future Demonstrations

**April:** Cowboy Hats  
**May:** Sharpening  
**July:** Tips and Tricks

**April:** Arts and Jazz Festival  
**June:** Graeme Priddle  
**August:** Rough a log to a bowl



## Mark your Calendars We need your help! April 25 - April 27

Golden Triangle Woodturners is again participating in the Denton Arts and Jazz Festival Friday through Sunday April 25 - April 27.

There will be a sign-up sheet at the April meeting for you to indicate your willingness to help. We will again be turning cars and tops for the kids of Denton. If you took car blanks home during the last couple meetings be sure to bring them to back this month.

The tentative schedule looks something like this:

**Friday April 25:** About noon we will start to set up and will need some help with that.

**Friday Afternoon:** About 3:00 pm we will start turning cars and will stay until 5:00 or 6:00. Festival opens at 5:00pm

**Saturday April 26:** Festival opens at 10:00 am. We will need help all day so if you can help in the morning or afternoon please signup for those times. You do not have to stay all day. We will again close at 5:00 or 6:00

**Sunday April 27:** Festival opens at 11:00 am. Similar to Saturday we will turn until 5:00 to 6:00 or when we run out of material. Please signup to help. At the close on Sunday we will also need help packing up. If you can stay for that it would be much appreciated.

Watch for an email a few days before the Festival begins for final times. We look forward to seeing you at the Denton Arts and Jazz Festival.

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## Tips and Tricks

Sam Slovak

As I have talked with members, I am always amazed with the wealth of their woodturning knowledge. It is about time that we pulled together this collective ingenuity in a demonstration by members of these tips and techniques. I would like members to submit their ideas so that we can organize an evening of short demonstrations highlighting useful or unique tips tools and techniques for the enlightenment of us all. So give some thought to what makes your turning more fun, easier, unique or admired by others and send me a note to let us know what you would like to present so that we can meet in May to observe, learn and be amazed as we teach one another becoming better at the artful craft of woodturning.

**Please Contact Sam with your ideas at: [sslovak7@msn.com](mailto:sslovak7@msn.com)**



### Congratulations Bob

Bob Loyd received a Merit Award for his turning at the North Texas Woodcarving Show. Only three Merit Awards were given out.



# THE WOODTURNER

## Miscellaneous Club Information

### GTW Events Calendar 2014

April 7: GTW Monthly Meeting

A Friendly reminder” Be sure to Bring you Turned Cars back to the meeting!!!

April 25-27: Denton Arts and Jazz

### Bring Back Winners from March

Don Hawkins

Jeff Witcomb 4X

Bill Diehelt 2X

John Easterling

Sharon Severson 3X

James R Johnson 2X

John Solberg 3X

Dan Smith 2X

Angela Rinaldi

Bob Loyd

**Plan on bringing them to the April meeting**

### Quarterly Raffle Winner

Jeff Witcomb won the BurnMaster Hawk by MasterCarver High-performance tools

### We have a new Member

Danny Rose

### 2014 Membership Form now available.

For those who have not paid yet, Mike Nelson has taken your 2013 information and pre-printed it into the membership form. You just need to check it for accuracy and pay the dues. They are at the table when you come to the April meeting.

### GTW YouTube Page

The GTW YouTube page is still Growing YEA!

Our videos have been viewed over 119,567 times from countries as far away as the UK, Australia, and Germany with a total of just under a million minutes of viewing time. I'll bet you didn't think we were that popular. Look for us on "DentonTurners"

# THE WOODTURNER

Pictures from the March Meeting



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## Open Shop

We had a great turnout to the open shop at Sam Slovak's house. 17 members who came and turned some tippy tops. Sam has been building his shop for a while and has done an excellent job. There is lots of space and it's well organized. Even enjoyed some fresh logs with the pith removed. Thanks Sam for the invite.



# THE WOODTURNER

David Hoenig shared this great list of toxic woods.

Wood World				Toxic Woods	
Wood	Reaction	Site	Potency	Source	Incidence
Bald Cypress	S	R	-	D	R
Balsam Fir	S	E, S	-	LB	C
Beech	S, C	E, S, R	--	I, B, D	C
Birch	S	R	++	W, D	C
Black Locust	I, N	E, S	+++	I, B	C
Blackwood	S	E, S	+-	W, D	C
Boxwood	S	E, S	+-	W, D	C
Cashew	S	E, S	+	W, D	R
Cocobolo	I, S	E, S, R	+++	W, D	C
Dahoma	I	E, S	++	W, D	C
Ebony	I, S	E, S	+-	W, D	C
Elm	I	E, S	+	D	R
Guaiacum	S	E, S	++	W, D	R
Greenheart	S	E, S	+++	W, D	C
Hemlock	C	R	?	D	U
Iroko	I, S, P	E, S, R	+++	W, D	C
Mahogany	S, P	S, R	+	D	U
Mansonia	I, S, N	E, S	+++	W, D	C
Maple (Spalted)	S, P	R	+++	D	C
Mimosa	N		?	LB	U
Myrtle	S	R	++	I, B, D	C
Oak	S	E, S	++	I, B, D	R
Obeche	I, S	E, S, R	+++	W, D	C
Oleander	DT	N, C	+++	D, W, LB	C
Olivewood	I, S	E, S, R	+++	W, D	C
Opepe	S	R	+	D	R
Paduk	S	E, S, R	+	W, D	R
Pau Fern	S	E, S	-	W, D	R
Peroba Rosa	I	R, N	++	W, D	U
Purpleheart		N	--	W, D	C
Quebracho	I	R, N	++	I, B, D	C
Redwood	S, P	E, S, R	++	D	R
Rosewoods	I, S	E, S, R	+++	W, D	U
Satinwood	I	E, S, R	+++	W, D	C
Sassafras	S	R	+	D	C
Sequoia	I	R	+	D	R
Snakewood	I	R	++	W, D	R
Spruce	S	R	+	W, D	R
Walnut, Black	S	E, S	++	W, D	C
Weige	S	E, S, R	+	W, D	C
Willow	S	R, N	+	D, W, LB	I
West. Red Cedar	S	R	+++	D, LB	C
Teak	S, P	E, S, R	++	D	C
Yew	I	E, S	--	D	C
Zebra-wood	S	E, S	++	W, D	
<b>REACTION:</b>		<b>SITE:</b>		<b>SOURCE:</b>	<b>INCIDENCE:</b>
I - irritant		S - skin		D - dust	R - rare
S - sensitizer		E - eyes		LB - leaves, bark	C - common
C - nasopharyngeal cancer		R - respiratory		W - wood	U - uncommon
P - pneumonia, adenitis		C - cardiac			
DT - direct toxin					

# THE WOODTURNER

## GTW Mentoring Program

**DO YOU NEED HELP WITH A TURNING PROJECT? JUST ASK!**

**The members listed below have offered their time and expertise and are willing to be a mentor to other members. Please contact the mentor directly. For More information check the GTW web site.**

Sharon Ayres	Dallas	214-707-0776	<a href="mailto:ladywithlathe@aol.com">ladywithlathe@aol.com</a>
John Beasley	Denton	940-387-7062	<a href="mailto:rbeasley15@verizon.net">rbeasley15@verizon.net</a>
Neal Brand	Denton	940-383-1248	<a href="mailto:neal@unt.edu">neal@unt.edu</a>
Glynn Cox	Roanoke	817-337-0210	<a href="mailto:thumb9@verizon.net">thumb9@verizon.net</a>
Don Hawkins	Gainesville	940-665-3033	<a href="mailto:ddhawkins@sbcglobal.net">ddhawkins@sbcglobal.net</a>
John Horn	N. Richland Hills	817-485-7397	<a href="mailto:johnhorn@flash.net">johnhorn@flash.net</a>
John Solberg	Denton	940-387-3089	<a href="mailto:betweencenters@gmail.com">betweencenters@gmail.com</a>
Chip Sutherland	Plano	214-495-8765	<a href="mailto:woodchipper518@gmail.com">woodchipper518@gmail.com</a>
Peter Tkacs	Denton	940-271-4728	<a href="mailto:petertkacs@gmail.com">petertkacs@gmail.com</a>
Joel Rubin	Flower Mound	972-571-8305	<a href="mailto:jh.rubin@verizon.net">jh.rubin@verizon.net</a>

**Thank You For Volunteering your Time and Expertise!!**

If you are interested in becoming a mentor please let one of the board members know.



**GTW is on facebook**

Find us at: **Golden Triangle Woodturner**

Follow us for up to date club information.

# THE WOODTURNER

## Golden Triangle Woodturners

### CLUB INFORMATION AND CONTACTS

#### 2014 Club Officers

President	John Beasley	940-387-7062	<a href="mailto:rbeasley15@verizon.net">rbeasley15@verizon.net</a>
Vice President	Sam Slovak	940-484-0805	<a href="mailto:sslovak7@msn.com">sslovak7@msn.com</a>
Secretary	Mike Nelson	214-387-9077	<a href="mailto:nelson6753@sbcglobal.net">nelson6753@sbcglobal.net</a>
Treasurer	David Hoenig	940-735-1640	<a href="mailto:djhoenig@gmail.com">djhoenig@gmail.com</a>
Newsletter	Mike Zunkowski	214-205-3243	<a href="mailto:txzonkers@gmail.com">txzonkers@gmail.com</a>
Membership	Mike Nelson	214-387-9077	<a href="mailto:nelson6753@sbcglobal.net">nelson6753@sbcglobal.net</a>
Librarian	Peter Tkacs	214-662-2200	<a href="mailto:petertkacs@gmail.com">petertkacs@gmail.com</a>
Activities	John Solberg	940-387-3089	<a href="mailto:betweencenters@gmail.com">betweencenters@gmail.com</a>
Past President	Neal Brand	940-383-1248	<a href="mailto:nealbrand70@gmail.com">nealbrand70@gmail.com</a>

Our thanks for all the hard work and time they put into making this a great club.

**Don't forget to support the vendors who support us!**





# Golden Triangle Woodturners

## Membership Application 2014



New ( ) Renewal ( ) Check One

Annual Membership: \$30.00 Per Calendar Year (Jan - Dec). (Students \$15)

Name: \_\_\_\_\_ Spouse: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Home: \_\_\_\_\_

Work: \_\_\_\_\_

Cell: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Your Occupation: \_\_\_\_\_

Full Time ( ) Part Time ( ) Retired ( )

Are you a member of AAW? Yes ( ) No ( )

How long have you been turning? \_\_\_\_\_

What kind of lathe do you have? \_\_\_\_\_

What is your skill level? Beginner ( ) Intermediate ( ) Advance ( )

What would you like to see at our club meetings? \_\_\_\_\_

Can you suggest a demonstrator? \_\_\_\_\_

Can we contact you to help with special events? Yes ( ) No ( )

Check the box if you do NOT want to be listed in the online roster ( )

Would you be willing to be a Mentor? Yes ( ) No ( )

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Make checks payable to: Golden Triangle Woodturners

If Mailing, Mail to: Golden Triangle Woodturners

%David Hoenig

1624 Churchill Dr

Denton TX 76209

( For Office Use )

Amount

Method

Date

Entered