

B.A.M.

May / June 2017

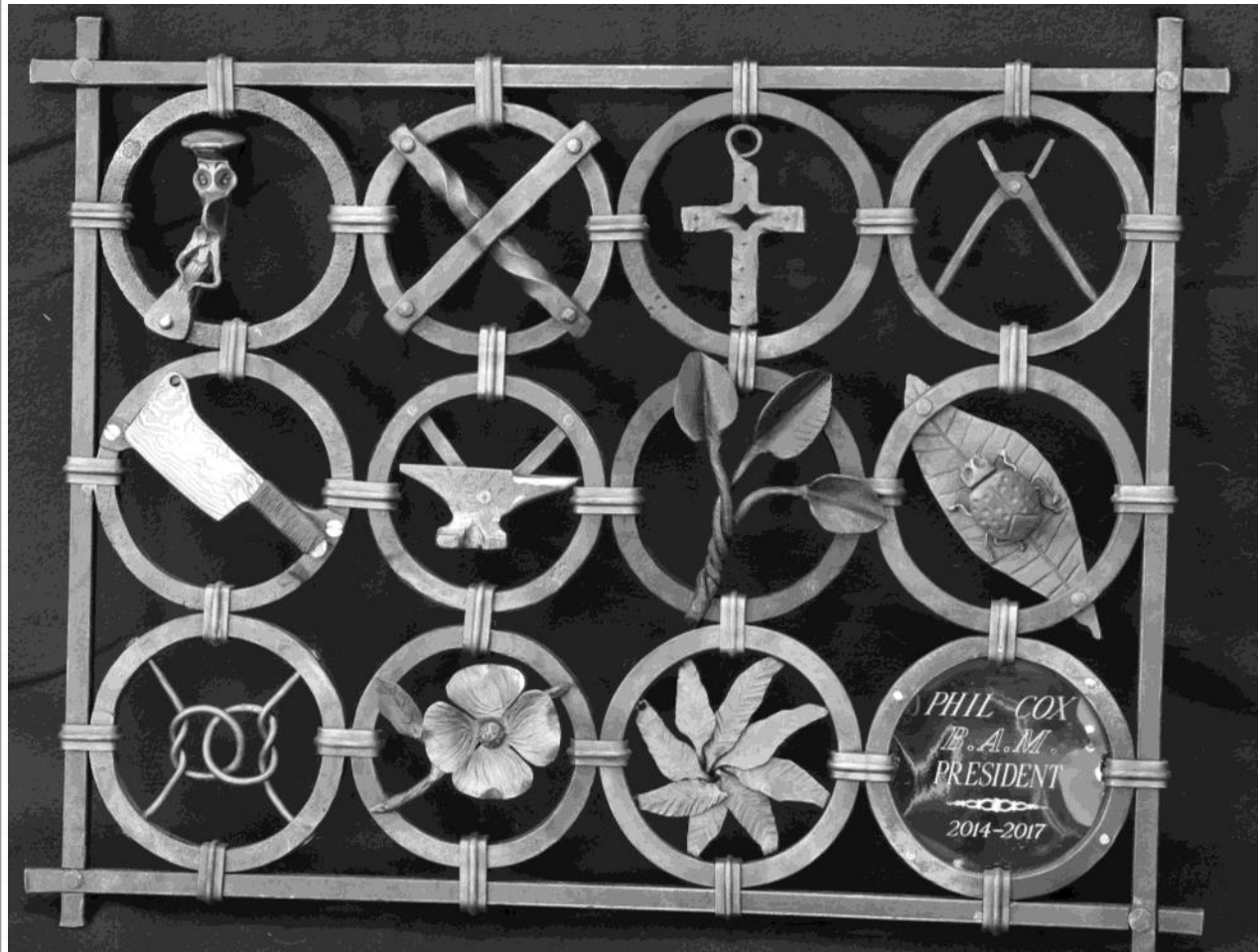


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Membership Application

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____

Zip: _____

E-mail: _____

New Member Renewal ABANA member

Are you interested in taking a class?

How did you learn about BAM?

ABANA Membership Application

Primary ABANA Charter Affiliation: _____

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____ Zip: _____

New Member Renewing Member

Includes a Subscriptions to the Anvil's Ring and The Hammers' Blow magazines

Regular Member -----\$55 yr.

Senior Citizen (Age 65+) -----\$50 yr.

Full time student -----\$45 yr.

Overseas airmail -----\$80 yr.

Overseas surface mail -----\$65 yr.

Contributory-----\$100 yr

From the President

By: Steve McCarthy

If you couldn't find something to hold your attention at the 2017 BAM Conference, you need a new hobby. What an exciting and eventful few days!

BAM's own Matthew Burnett spent a full day demonstrating on Friday, and then taught a class of 10 students on Saturday. Howard Clark, from the corn patch of Iowa, forged Japanese blades clayed the blades to form a hamon, discussed heat treating and metallurgy. Allan Kress made it to us from Alabama despite an unexpected stopover in St. Louis due to flooded roads. Allan demonstrated numerous elements that can be incorporated into your next project. I lost count of the number of demo pieces Allan had in the auction, but there were several. Last but certainly not least, was Lyle Wynn from Mississippi. Lyle's approach to moving metal is something to behold. His calm nature and slow Southern drawl are almost deceiving to the amount of work he gets done in a short period of time. Several from the audience got the chance to strike for Lyle when he was making hammers, punches, drifts, and other tools.

The chain making project was a huge success. I don't think we got a count of how many members participated, but we ended up with around 55 feet of 3/8" chain. Big thanks to Ken Jansen and Bernie Tappel for joining all the pieces that were brought in. I think Ken spent the entire day Friday at his forge, connecting links. It was good to see Don Nichols able to attend for part of the day on Saturday. Two connecting links were retrieved from his shop, and used to attach a hook at one end of the chain, and a ring at the other. The FFA building was also a buzz of activity. An excellent gallery display job was done by Walt Hull, John Sherwood and crew. Mary Jo had several in her basket class, And Patti Bagley, from Georgia, had a woven cane footstool class.

Karen and a couple of helpers sold Iron In the Hat and Raffle tickets non-stop. Patti Tappel and several of other ladies kept the Boutique well staffed. Kudos to Mike McLaughlin for making sure his last Conference

as Chairman ran smooth as silk. I think Kent Harbit said that registration was close to 200. That is a LOT of people. There is no doubt that I have forgotten to mention someone. For that I am truly sorry. This whole thing would not be possible without all of the volunteers that set up, tear down, clean up and help wherever they are needed. Thank you.

We had just about perfect weather for the June meeting at Ned and Ester's. I always look forward this meeting. Wonderful hosts, great fellowship and great food. Ned has been busy since his last meeting. He has poured concrete pads and put up several of the car port type buildings. This made an excellent spot for the demo that was well shaded. Ned's choice for demonstrator was Neal Port. Neal is a full time farrier and an excellent demonstrator. Neal made horse shoes. A steel one and one from aluminum. I had never given much thought about how the layout and shape of a shoe can affect the animal's foot. Neal's demo has given me a new found respect for the farrier.

I've been pretty long winded so until we meet again, Happy Hammering.

Steve McCarthy



Conference Report

By: Bob Stormer

The conference began on Thursday, May 4th, 2017 with Ken Jansen, Phil Cox, and Bernie Tappel helping members with their chain links, and linking the many small sections of chain into one long chain. The chain project continued sporadically through Saturday when the chain was finished. The final length was about 55ft, with about 5 links/ft. There was no specific count on how many smiths contributed chain sections, but my guess is at least 15-20 smiths participated. Thursday evening continued with the pot luck dinner that has traditionally opened the last three or four conferences. The potluck attendance was estimated at about 70 people.

The four demonstrators. Howard Clark, Lyle Wynn, Allan Kress, and Matthew Burnett started at 8AM Friday morning and continued through 5PM. Round 2 of the potluck dinner started about 6PM Friday evening. Following the dinner Phil opened a short (and last) business meeting by thanking everyone for attending the conference. He then turned the meeting over to Ken Jansen for the election of new officers. Steve McCarthy was nominated by Ken for president and was elected by a show of hands. Michael Gorzel was nominated and also elected by a show of hands replacing Steve McCarthy as vice-president. Chris Miller accepted the nominating committee chairman position, replacing Ken Jansen. Michael Gorzel also accepted the conference chairman position, replacing Mike McLaughlin, who has served for the last 7 years. Mike McLaughlin put out the request for volunteers to help Michael Gorzel with the 2018 conference. If you can help please contact Michael Gorzel at mgorzel@sbcglobal.net or 636-447-4309.

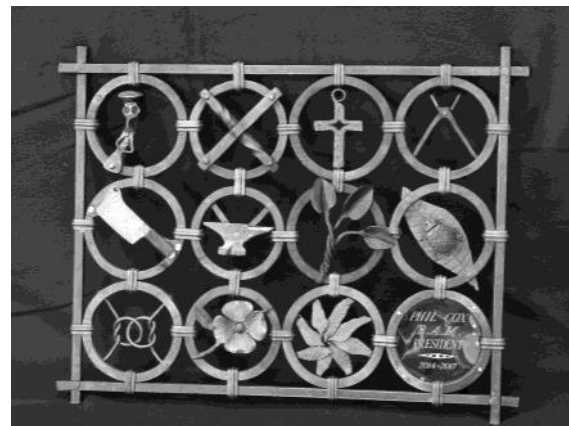
Mike McLaughlin started the forging contest which required the contestants to forge a 12 inch piece of 3/8" round stock into a perfect circle without forge welding the ends together, and using only a hammer, tongs, and the anvil as tools. I believe there was 14 contestants, and the winners who were announced at the Saturday evening banquet were: Mike Lanham 1st, Eric Weis 2nd, and Ken Jansen 3rd. Bridgett Wood won a special award for her participation.

Saturday morning Howard Clark, Lyle Wynn and Al-

lan Kress resumed their respective demonstrations, while Mathew Burnett taught a class at the MTS site. Following the Saturday evening banquet Mike McLaughlin thanked everybody who had any part in the conference, and got started setting up the auction while others took care of the business part of the gathering. The new president Steve McCarthy announced there were collections jars at the building entrance for the Doug Hendrickson and Preston Williams scholarship funds. Walt Hull talked briefly about how the BAM blacksmithing talent was reflected in the strong gallery displays this year. He also announced the winner of the Peoples Choice Award, which was new this year. The winner was one of the demonstrators, Allan Kress. The gallery had three tables of items Don Nichols had made for trade items or auction items. Don was able to attend on Saturday for a while, and seemed to enjoy seeing the items and visiting BAM members.

Karen Bouckaert said that Al of Astragal Press was the Conference Sponsor even though he couldn't attend

ly due to family circumstances.



cumstances.

Mike McLaughlin presented the Founder's Award to Phil and Marie Cox. A picture of the very intricate grill given to them.

2017 Conference Tool Box Raffle

Item	fagens brew	Anonymous	Anonymous
	Knife vise /RR spike	Anonymous	Bo McCutcheon
Center Punch		Anonymous	Anonymous
Ball Peen Hammer		Donald Davies	Anonymous
Handled Hot Cut	Box 1		Anonymous
		Dan Wedemeyer	Anonymous
	Mike Gentsch		Anonymous
Hardy (hot cut)	Scott Stager		
	Ken Jansen, Steve	Box 2	
	McCarthy, Don Anders,		
	& Larry Hultz	Mike Gentsch	
Handled Hot Cut		Scott Stager	
Hardy (hot cut)	Ken Jansen, Steve		
Steel Ruler	McCarthy, Don Anders,	Ken Jansen, Steve	Box 3
Tape Measure	& Larry Hultz	McCarthy, Don Anders,	
Straight Edge	Mike Gentsch	& Larry Hultz	Mike Gentsch
Soapstone & Holder	Mike Gentsch	Ken Jansen, Steve	Scott Stager
Twisting Wrench		McCarthy, Don Anders,	Ken Jansen, Steve
Host Rasp		& Larry Hultz	McCarthy, Don Anders,
3/8 Inch tongs	Anonymous	Mike Gentsch	& Larry Hultz
1/2 Inch tongs	Anonymous	Mike Gentsch	Ken Jansen, Steve
Flux Spoon	Mike Gentsch		McCarthy, Don Anders,
Handled measuring tool	Steve McCarthy		& Larry Hultz
Brass Brush	Bernie Tappel	Anonymous	Mike Gentsch
Wire Brush	Mike McLaughlin	Anonymous	Mike Gentsch
Safety Glasses	Steve McCarthy	Mike Gentsch	
Stanley 12 inch tool bag	Mike Gentsch	Steve McCarthy	
Rethreaded dies	Mike Gentsch	Bernie Tappel	Anonymous
4 1/2 inch angle grinder	Don Birdsall	Mike McLaughlin	Anonymous
Diamond sharpener	Michael Gorzel	Steve McCarthy	Mike Gentsch
3 piece dead blow hammer set	Santo Giuffrida	Mike Gentsch	Steve McCarthy
	Anonymous	Mike Gentsch	Bernie Tappel
Hex key set	Ned & Esther Digh	Don Birdsall	Mike McLaughlin
Brass calipers	Anonymous	Michael Gorzel	Steve McCarthy
Mechanic's gloves	Anonymous	Santo Giuffrida	Mike Gentsch
Forge Mop	Anonymous	Anonymous	Mike Gentsch
Circuit tester	Anonymous	Ned & Esther Digh	Don Birdsall
4 1/2 inch cut off wheels	Anonymous	Anonymous	Michael Gorzel
Grease cleaning wipes	Anonymous	Anonymous	Santo Giuffrida
Locking clamps	Bo McCutcheon	Anonymous	Anonymous
Folding ruler	Anonymous	Anonymous	Ned & Esther Digh
Apron/tape measure /	Anonymous	Anonymous	Anonymous

On Sunday morning the winners of the donated blacksmith shop and the three BAM toolboxes were drawn. Allan Kress won the blacksmith shop. Charlie Schneider, Howard Clark, and Don Anders won the three toolboxes.

Conference Photo Gallery

Chain Making



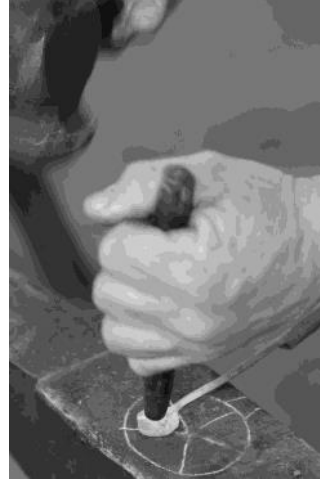
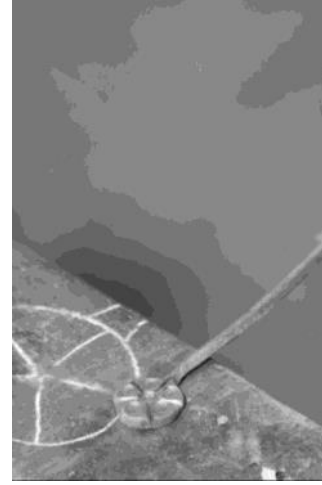
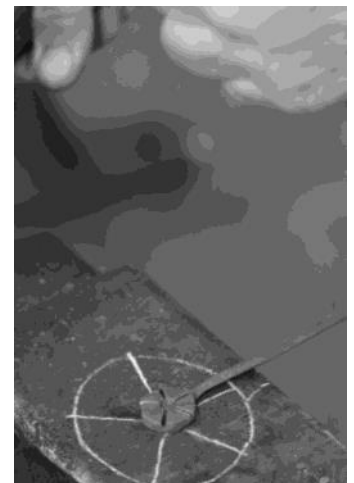
Conference Photo Gallery

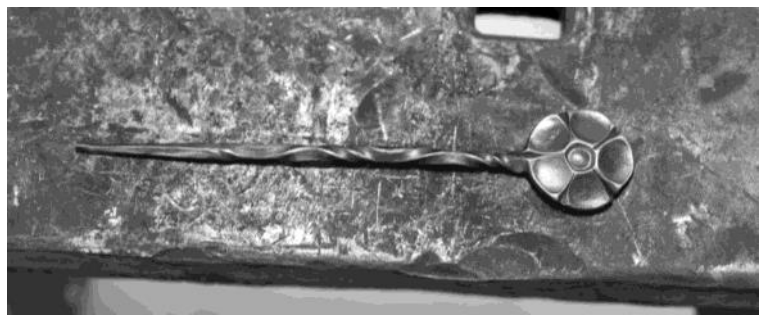
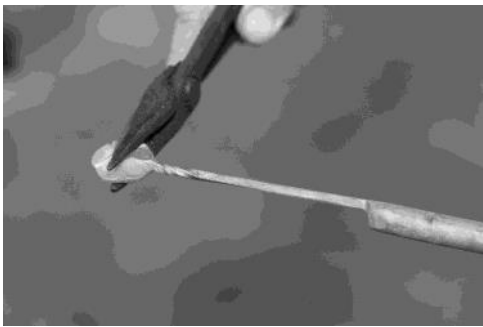
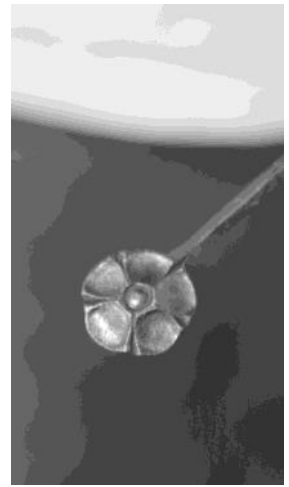
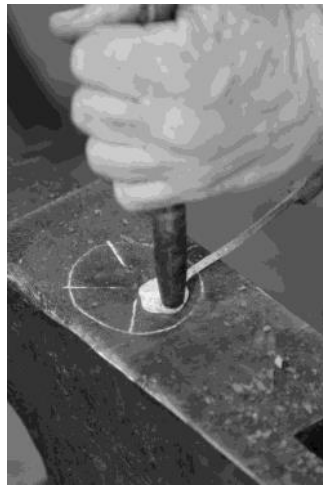
BAM Pot Luck



Conference Photo Gallery

Lyle Wynn Demo





Matthew Burnett Demonstration - 2017 Conference

By: Matthew Burnett

I demonstrated making a round side table with three legs measuring 18 inches wide by 21 inches tall. I used 3/8 by 3/4 in. for the legs, and 3/16 by 1 in. flat bar for the ring at the top. I started by explaining my design process, moving from an idea, making a few test pieces, changing a few things, and then forging the pieces for the project. The bottom of each leg is bent into a loop. On my test pieces I had bent the bar about a 1 1/2 inch form clamped in the vise, which did not give me the look that I wanted, so I bent the final pieces around a 3 inch form. A few times I have made test pieces out of a length or diameter smaller than what I wanted to use in the final project, but I think that it is best to use the same size and length you need, so if the test pieces are successful, you can use them in the project. I try to keep my work very simple and clean looking, and use traditional joinery (rivets in this case) rather than welding. I don't attempt to hide the joinery, as I would a weld, but rather use it as part of the design. I explained how the different elements that make up good design applied to the table, like that an invisible line between the edge of the top and the shelf created a diagonal line, and made it more interesting, than if the top and bottom shelf were the same diameter.

I spread the bar with the cross peen of the hammer from 3/4 wide to about 1 1/2 wide and drew down the bar to a nice taper about 9 inches long. The bar now tapered from 3/4 to 1 1/2 on one side, and from 3/8 down to about 1/8 on the other side. I did this to all three bars, checking my measurements as I went. I decided to forge and bend the ends before trimming them to the final length, as I was unsure how much material the loop would take up. At the top of the legs I forged ovals, and punched holes for riveting this to the ring.

I measured a short section on the top of each leg, and marked with a center punch. I twisted the bar about 2 1/2 rotations at the vise, then hammered it back within the 3/8 by 3/4 rectangular dimensions. I then twisted the bar about 1 and a 1/4 rotations in the opposite direction. This is much the same as a pineapple twist,

except without marking the bar with a chisel.

Next, I bent the ring by hammering it into a large curve in my swage block. I created an offset by placing the bar on a small piece of the same stock on the anvil, and hammering it with the use of a flatter. This left an area for the ends to be riveted together. I was very careful to keep the bar straight with the swage block as I bent it, so the ring would be straight and not curved out of the same plane. This is a pretty good method for bending curves or rings, as you can develop the curve slowly and keep it uniform. The table will be finished by adding a wood table top, and a smaller round to the bottom. This acts as both a shelf, and a brace for the legs. It will be attached with screws from the bottom. This scrolled portion accomplished several things in structure and design. It created an area for a shelf, made sort of a large finial for the bottom of the legs, introduced some curves into a largely straight bar, and created some negative space. I try to not have a front and a back to my projects, thus avoiding a perspective that it looks best or worst from, and this table holds to that rule. It is visually interesting from all sides, even the bot-

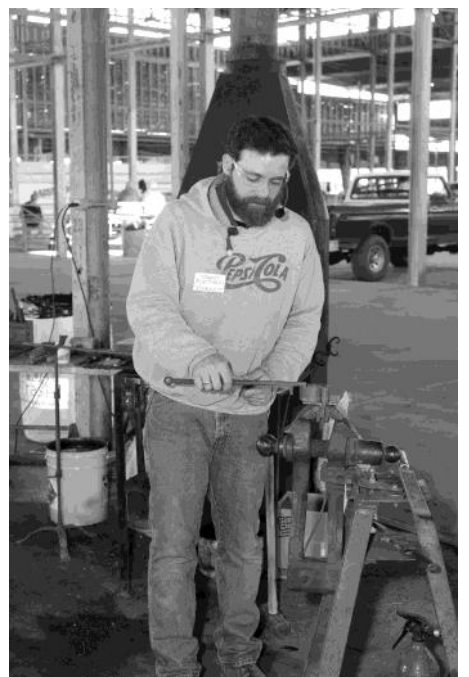
tom. It will make an interesting and table finished.



tom. It will be interesting and useful when

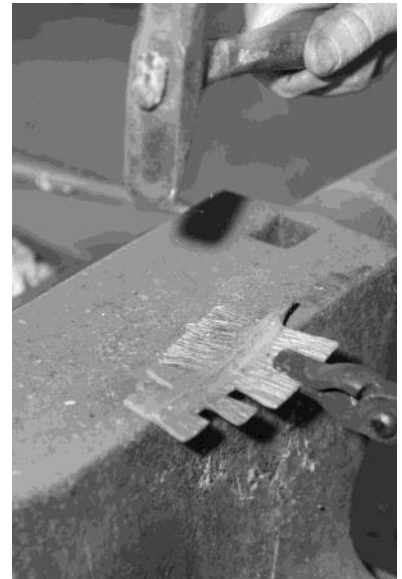
Conference Photo Gallery

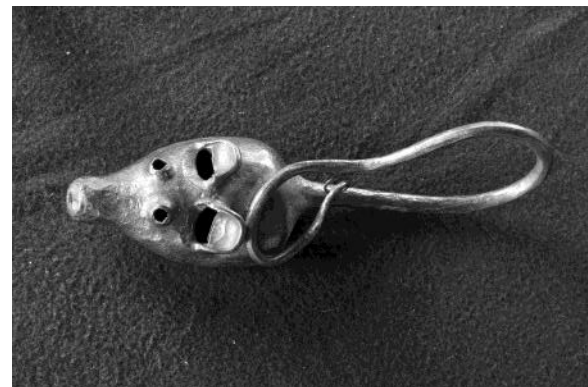
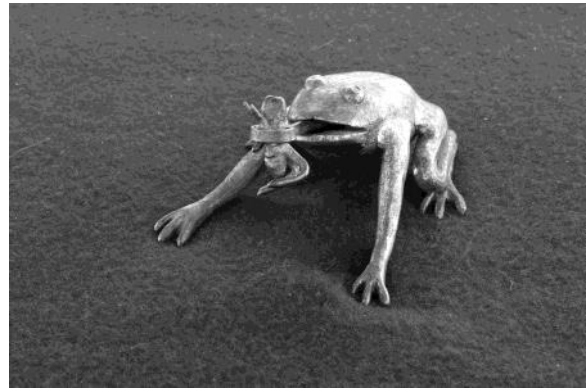
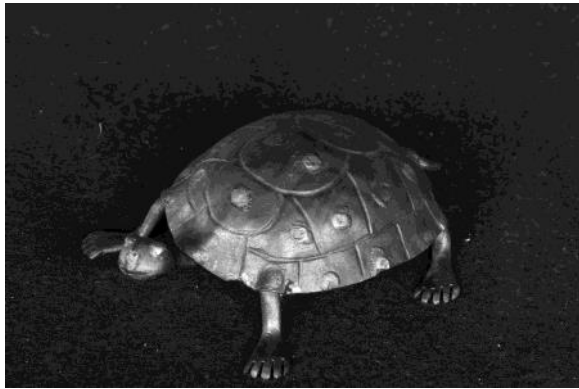
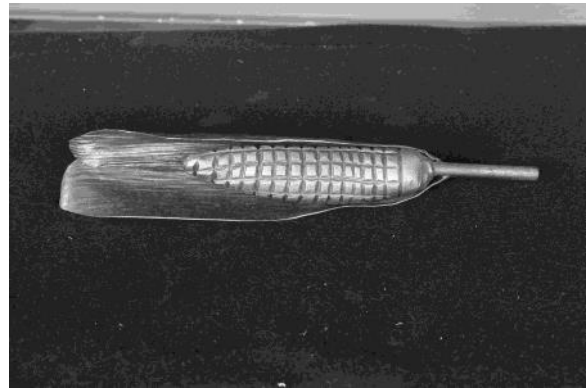
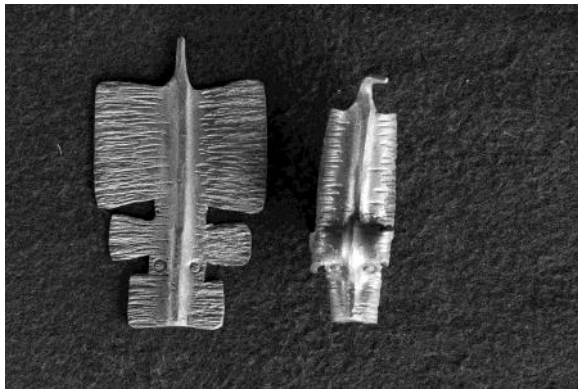
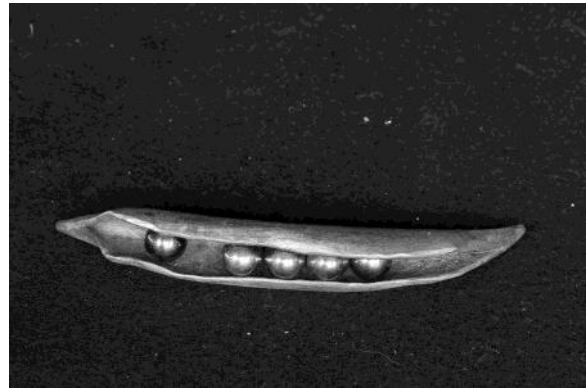
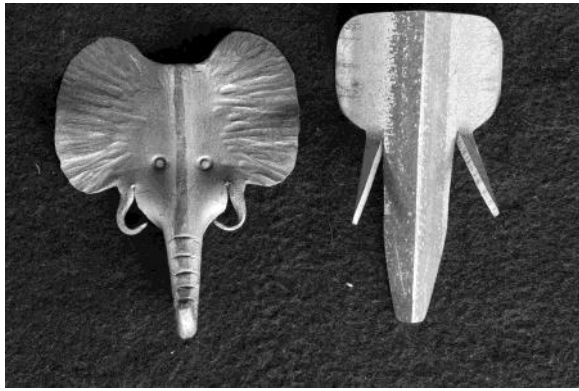
Matthew Burnett Demo



Conference Photo Gallery

Allan Kress Demo





Howard Clark Demonstration - 2017 Conference

By: Bob Stormer

Howard's primary product is Japanese style blades, swords, katanas, and tantos. The steel used in his demonstration was 1086 Modified. The modified refers to having a little vanadium added. He buys it as 1 3/8" round stock and hammers/presses it to about 1/4" x 1 1/4" bar stock. He starts by forging a radical pre-curve into the stock prior shaping the edge. The inside of the pre-curve becomes the cutting edge. I neglected to get a picture of the pre-curve, but drew an outline in Figure 1. Howard splashes a little water on the anvil before he brings the blade out of the forge each time to reduce the scale buildup on the blade.

Howard's hammering technique is different than what I'm used to seeing. He strikes the same place on the anvil with every blow and moves the work under the hammer, very much like using a trip hammer. I tried it, but it was about as hard as rubbing my stomach and patting my head at the same time. With practice I'm sure it will work. He uses a modified ball peen hammer that is probably no more than a couple of pounds. See Figure 2. He also uses special tongs, and a reins clip to reduce the strain on his hands during forging. They have long reins and short jaws. See Figure 3. There is a picture of Howard's forging posture showing the tongs in Figure 7.

Since Howard was making a tanto style knife he hammered a consistent taper from the spine to the edge, the entire length of the steel, i.e. the tang had the same taper as the blade. Figure 4 shows the profile of the knife with the edge facing up. He made two knives in this manner. One was about 12" overall length and the other was about 8" overall length. In his shop, Howard would normalize the blades three times at this point. One at 1600°F another at 1500°F and the last at 1400°F. He doesn't anneal the blades.

He then started flat grinding the entire length of the knives using a 50 grit ceramic belt. Howard was very conscious of the harmful effects of grinding and wore a fairly elaborate helmet. See Figure 5. The helmet was a paintball helmet with small fans built in above the goggles to help keep his glasses from fogging up. He added filters to each side to keep the airborne grit

from getting in the mask. He followed up grinding with an 80 grit belt, which was the finest grit before he heat treated the knives.

Before heat treating, he mixed some satanite with a small amount of ground up charcoal to make the clay he used to get a specific hamon (temper line). Figure 6 shows the clay after it was applied to one of the knives. The clay sticks better because of the coarseness of the 80 grit sanding belts. He heated the knives up to 1400°F in a homemade heat treating oven that used a thermocouple to measure the temperature. Water that was pre-heated to 110° and 120°F was used to quench the knives. Through testing, Howard learned that the quenching temperature for this steel was critical. His quenching technique was also very specific. He would hold the blade horizontal and plunge it in the water for 4 seconds, lift it out for 4 seconds, and then put it back in the water to finish the quenching. He would then scrape the clay off the blades. It is important to begin the tempering process soon after the hardening to prevent the blade from cracking. The knife was held in front of the heat treating oven to begin the tempering.

Normally Howard etches the blades in ferric chloride to bring out the hamon, but didn't have any etching

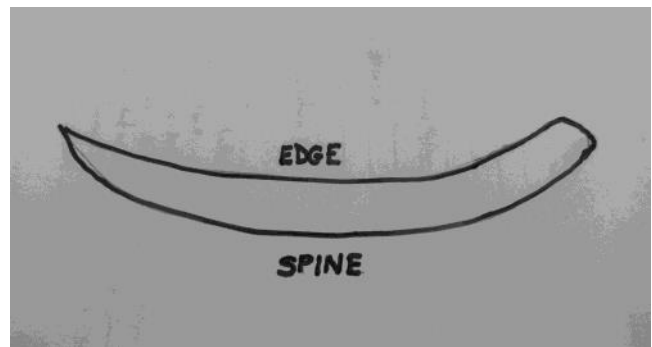


Figure 1

solution available at the conference. He sanded the knives using a 220 grit belt so we could see the hamon. To get a better contrast, especially on damascus, he uses multiple etches of short duration as opposed to one long etch, and sands the blade with 2000 grit sandpaper between the three short etches.



Figure 2



Figure 5



Figure 3



Figure 7

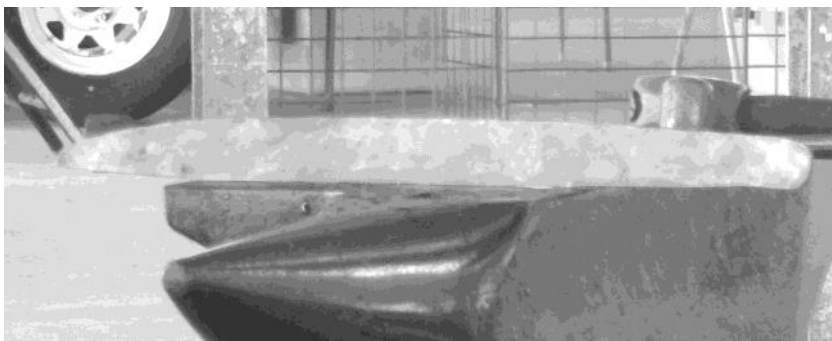


Figure 4

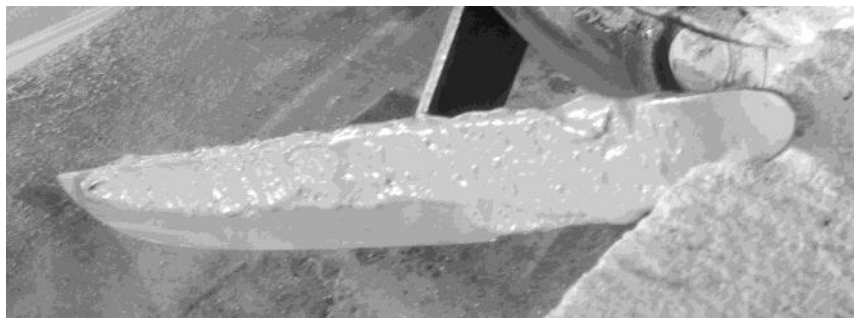


Figure 6

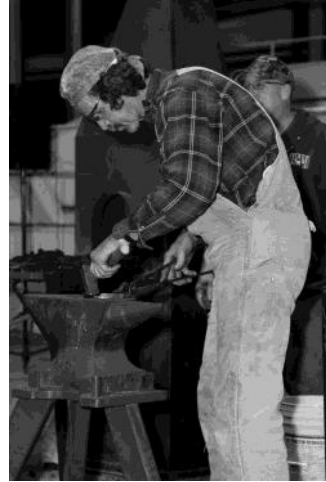
Conference Photo Gallery

Forging Class



Conference Photo Gallery

Friday Night Forging Contest



Conference Photo Gallery

Friday Night Forging Contest Cont.



1st place: Mike Lanham
2nd place: Eric Weis
3rd place: Ken Jansen
Special participation: Bridgett Wood

Meeting Minutes - June Meeting

By: Bob Stormer

Steve McCarthy opened the meeting by thanking Ned and Esther Digh for hosting the meeting. He also thanked Neal Poort for his horseshoe making demonstration. Steve then asked Phil Cox to talk about the disabled veterans project that appeared on Around-The-Anvil recently. Phil had talked with the guy who is trying to organize a knife making workshop that would be available to disabled veterans 24/7, and give them a place to focus on something other than their problems. He is trying to raise money to build a shop that would support about 100 veterans, and he approached BAM to help provide the staff to do the teaching. At the BAM meeting the general feeling was that we can certainly appreciate what he trying to do, but without more specifics, his thoughts and BAM's capabilities are pretty far apart. The plan is to wait until more information is available before we make any commitments.

Bruce Herzog gave the treasurers report, and noted that BAM now has 619 members. Since the last meeting we have gained 50 new members and lost 50 previously registered members.

Mike McLaughlin addressed the success of the conference and thanked everybody who had anything to do with the conference. He especially thanked the attendees who spent money. Since this was the last conference with Mike as the organizer, he took the opportunity to remind everybody to help the new conference coordinator, Michael Gorzel, in whatever way they can. Karen Bouckaert said she sends out thank you notes to each of the conference vendors every year. This year the note to Al of Astragal Press had special meaning because he wasn't able to attend due to family issues. He appreciated the thank you note so much he mentioned it on his facebook page.

Steve mentioned that the new BAM Library Trailer had been brought to the meeting by Karen Bouckaert. It doesn't have shelves in it yet and Karen is accepting suggestions about how to organize the inside. She is in no hurry to make a decision about the layout, and will be bringing it to every meeting she's able to attend. Bernie made a motion that we reimburse Karen for gasoline, the same way we reimburse anyone who

hauls the other BAM trailers. The motion passed by a show of hands.

Kent Harbit talked about the BAM activities at the state fair in August. All BAM members are welcome to come and do some forging. You can also sell anything you make there, or items you bring with you. Forges and coal are provided. Just bring your gloves, safety glasses, hand tools and material. The BAM tent will be set up everyday of the fair, August 10th through the 20th. Contact Kent at 660-647-2349 to get free passes and parking instructions. You can be there one day or multiple days.

Tony Brooks started a discussion about BAM participation in Santa Cali Gon Days. This is a major festival in the KC area. The organizers are wanting to involve BAM, or as many BAM members as possible in the years to come. More information will be available later for anyone interested in participating in the 2018 festival, or you may call Tony at 573-363-5231.

The July meeting will be held at Hank Knickmeyer's shop July 15th. Nathan Robertson will be the demonstrator and will focus on power hammer tooling. Other meeting details are being worked out. Since Nathan's demonstration is the first demonstration to be funded by scholarship funds, it prompted a review of the current scholarship status. Nathan's demo is funded by the Preston Williams scholarship fund. At the March meeting it was decided that we will suspend individual scholarships for one year in favor of group demonstrations. The success of this demonstration as a scholarship funded activity will be reviewed at the September meeting.

As part of the discussion about Hank's meeting, the subject of a new PA system came up again. Nathan will need a functional PA system and our current wireless mic doesn't work. A motion was made and passed to buy a new PA system for the meeting. Mike McLaughlin will provide a loaner in the event a new one cannot be found by then. After the new one comes in, someone will look at repairing the old system as a backup.

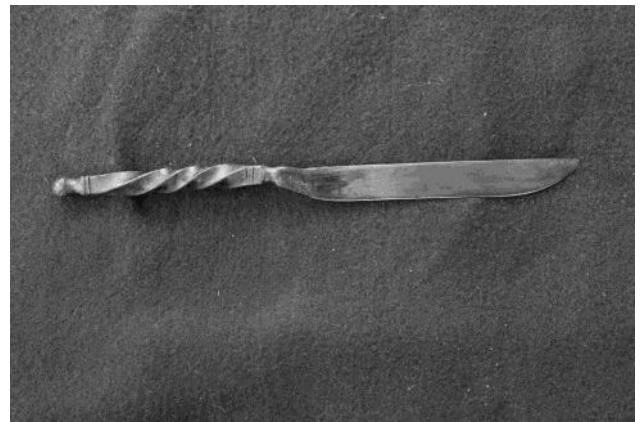
Iron In the Hat - June Meeting

Donated by	Won By	Item
Ned Digh	Bob Stormer	Grinder Stand
Ned Digh	Bob Stormer	Grinder Stand
BAM	Ken Jansen	BAM T-shirt & Sticker
Jon McCarty	Noah Elletson	Butter Knife Kit
Karen Bouckaert	Jim Pendergraft	Old Issues - BAM & Hammer's Blow
Karen Bouckaert	Daysha Brooks	Empty Buckets
Fred Arnhold	Jon McCarty	1 1/8" Cable
Pat McCarty	Steve McCarthy	Hand Made Stirrup
Don Anders	Ken Jansen	BAM Conference Sign Casting
BAM Boutique	Dale Hamilton	BAM Stein
Karen Bouckaert	Tom Patterson	Timken Data Book
Tom Patterson	Rob Cotter	Safety Tread Tape
Bob Eckert	John Huff	Heavy Chunk of Steel
Shaun Dunlap	Ken Markley	Freon Tank – For Making a Forge
Tom Patterson	Bob Stormer	Concrete Anchor Bolts
John Huff	Ken Jansen	Bucket of Horseshoes
Rob Cotter	Dale Hamilton	'46 Willy's Spring
Tony Brooks	Michael Gorzel	Tong Blanks
Don Anders	Noah Elletson	Aluminum Anvil Casting
Terry Smith	Michael Gorzel	Plastic Tubs
Terry Smith	Jon McCarty	Plastic Tubs

Trade Items - June Meeting

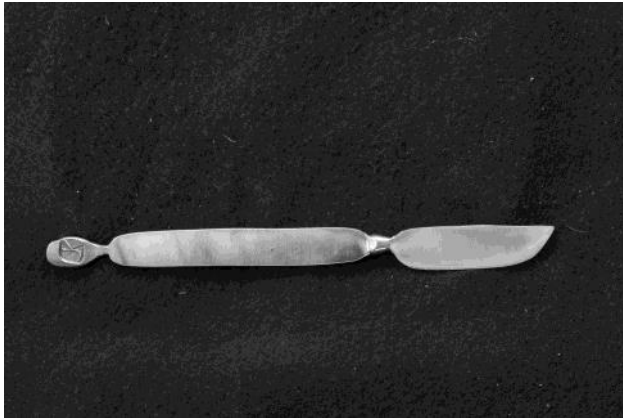


Made By: Bob Eckert
Traded To: Bob Stormer



Made By: Don Anders
Traded To: Pat McCarty

Trade Items - June Meeting Cont.



Made By: Ken Jansen
Traded To: Neal Porte



Made By: Shaun Dunlap
Traded To: Bill Gates



Made By: Mike McLaughlin
Traded To: Steve McCarthy



Made By: Steve McCarthy
Traded To: Yuval (UV) Awazu



Made By: Bill Gates
Traded To: Shaun Dunlap



Made By: Nick Berardi
Traded To: Mike Gentzsch

Trade Items - June Meeting Cont.



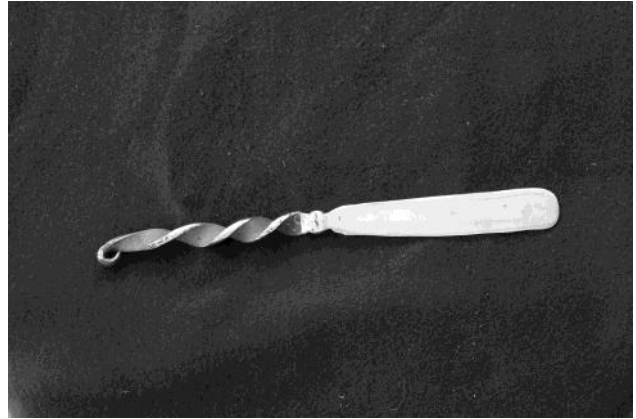
Made By: Jon McCarty
Traded To: Bob Ehrenberger



Made By: Bob Ehrenberger
Traded To: John Huff



Made By: Mike Gentsch
Traded To: Nick Berardi



Made By: John Huff
Traded To: Bob Eckert



Made By: Bob Stormer
Traded To: Jon McCarty



Made By: Santo Giuffrida
Traded To: Don Anders



Made By: Neal Porte
Traded To: Santo Giuffrida



Made By: Joe Getten
Traded To: Ray Delaney



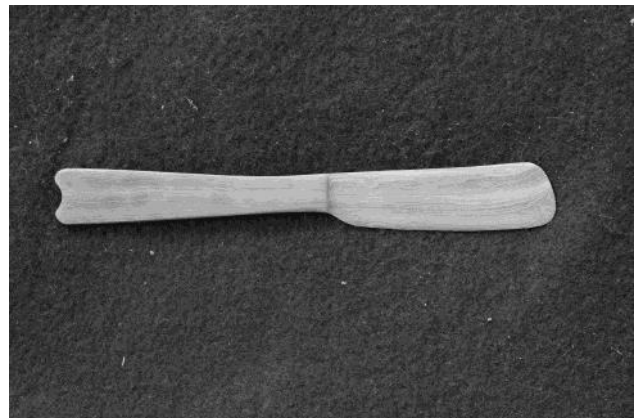
Made By: Pat McCarty
Traded To: Ken Jansen



Made By: Ray Delaney
Traded To: Mike McLaughlin

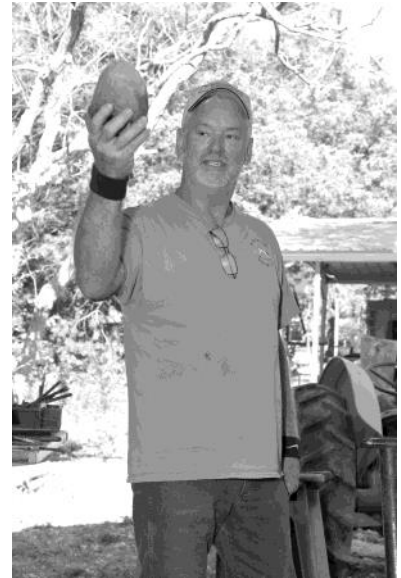


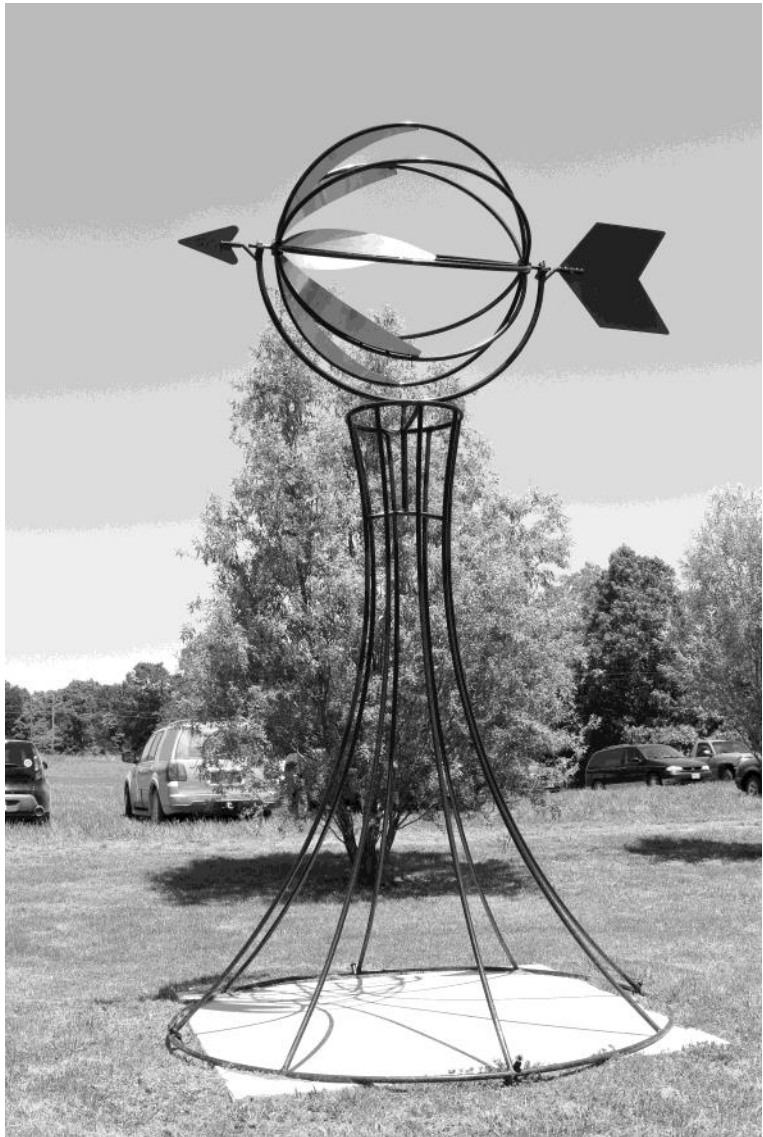
Made By: Colton Kiso
Traded To: Joe Getten



Made By: Yuval (UV) Awazu
Traded To: Colton Kiso

Photo Gallery - June Meeting





MTS News

By: Don Birdsall

On Saturday, April 8th and Saturday April 15th the following BAM members took the MTS Beginners workshop at Ray Scott's shop at Eminence. MO.

We had great weather and everyone finished the projects in record time.

Thanks to the great help of BAM Members, Ray Scott, Jeff Collins, and Walther Graves.

The following members completed the workshop:

David Turley
TR-1 Box 1200
Fremont, MO.

Alex Putman
1750 Moraingid DR
Nixa, MO.

Kelly Watson
2201 Kay Dr.
West Plains, MO.

Phillip Harber
35 Darlene LN.
Dittmer, MO.

J.P. Camp
1255 IL. Route 143
Greenville, IL.

Werner Carron
7402 ST. RT. Y
Bloomsdale, MO.

Upcoming Events

July 15 2017 - Meeting, Hank Knickmeyer, Cedar Hill MO

July 27 2017 "Old Retired Guys and Anyone That Wants to Take a Vacation Day Hammer In" @ Osage Bluff
Blacksmith Shop, Hosted by Bernie and Patti Tappel.

August 10-20 2017 MO State Fair, Sedalia MO

September 16th 2017 - Meeting, Don Birdsall, Rolla MO

Missouri School of Blacksmithing Class Schedule

Blacksmithing 1 June 29-July 1

Blacksmithing 1 July 27-29

Blacksmithing 2 August 17-19

Design-Applications for the Blacksmith
September 23

Blacksmithing 1 September 28-30

The Blacksmith's Knife October 19-21

Blacksmithing Business-How to Make Money
Blacksmithing October 28

Much is demonstrated and discussed on how to forge steel, but little attention is given to how to actually market those forged items and services for money. This one day class addresses that. A panel of 4 experienced blacksmiths will each explain how they have operated a blacksmithing business. These blacksmiths represent various fields from stair railings, to knives, horseshoes or fireplace tools. Topics covered will include marketing and pricing your products, forging efficiently, time management, identifying target market(s), the process of getting and completing work, custom work versus production work, specialty niches, and insurance and legal issues involved. The morning will be spent with each speaker explaining their work, and the afternoon on answering questions from the audience. This is not a hands-on forging class, but rather a presentation on the nuts and bolts of how to make money blacksmithing. Whether you are a hobbyist that wishes to sell a few items, or an aspiring professional, all can learn something new.

Contact Matthew Burnett – 816-575-2798 Cameron, MO

New Members

<p>Josh Adams 705 Truemper Circle WAFB, MO 65305 918-406-8014 joshdavidadams@gmail.com</p>	<p>Jason Bardin 777 East Yerby Lot 28 Marshall, MO 65340 660-223-6399 powdersacid@outlook.com</p>	<p>Dan Brockman 88085 433 Avenue Ainsworth, NE 69210 402-760-0902 danginger@dgbrockman.com</p>
<p>Hunter Burks 7750 South Route N Columbia, MO 65201 573-823-9710 hburks1618@gmail.com</p>	<p>Terry Clark 18011 Main St Road Sedalia, MO 65301 660-281-9515 terrisedalia@hotmail.com</p>	<p>Roxanne Cody 11318 West 73rd Street Shawnee, KS 66203 913-226-0160 roxanne.cody@gmail.com</p>
<p>Don Ditmars 6509 Highway Z Houston, MO 65483 303-883-9495 djditmars@yahoo.com</p>	<p>Shawn Dunlap 8620 77th Street Kansas City, MO 64138 816-813-2104 rachdunlap@gmail.com</p>	<p>Andrew Eickmeier 414 Wildbrier Drive Ballwin, MO 63011 314-604-4494 aeickmeier@sbcglobal.net</p>
<p>Kelly Everard 241 East Adams Avenue Kirkwood, MO 63122 314-909-9544 keverard@sbcglobal.net</p>	<p>Sean George 11542 Fletcher Lane Holts Summit, MO 65043 573-818-8626</p>	<p>Joseph Gette 720 North 5th Street DeSoto, MO 63020 iget51@gmail.com</p>
<p>Charles Groom 15618 E 99th Str N Owasso OK 74055 918-272-2200 geerylynn1948@att.net</p>	<p>Phil Hesley 417 Tamarack Ballwin, MO 63011 314-494-1644 hblackbass7@sbcglobal.net</p>	<p>Jennifer Janes 202 Baird Street Macon, MO 63552 573-397-3687 jnifrwatson@gmail.com</p>
<p>Steve King 1155 South Unionville Road Paoli, IN 47454 812-797-0059 kingknives@live.com</p>	<p>Timothy McAllister 19 Winchester Road Farmington, MO 63640 573-915-7099 tmcallister1066@gmail.com</p>	<p>Marian McKinney 15366 Piney Drive Bucyrus, MO 65444 417-217-5285 mckinneyforge@gmail.com</p>
<p>Jacob Miller 101 Steeple Chase Road Rolla, MO 65401 865-207-8836 jlmill@mst.edu</p>	<p>David Roark 310 Maple Leaf Dearborn, MO 64439 816-992-9491 lyondar1A@gmail.com</p>	<p>Joe Sainz 411 NW Lincolnwood Drive Lee's Summit, MO 64063 816-945-2563 joesainz@gmail.com</p>

<p>Von Schmidt 9865 NE Hwy HH Lowry City, MO 64763 417-392-1210 voneschmidt@gmail.com</p>	<p>Bryce Steele 23443 Lacey Road Smithton, MO 65350 660-287-2305 brycesteele123@gmail.com</p>	<p>Mark Swartz Sr 19265 Long Grove Road Higginsville MO 64037 660-584-8426 mpsswartz66sr@gmail.com</p>
<p>Donald Vaughn 3552 NE Liberty Road Maysville, MO 64469 816-284-1535 hikervaughn@gmail.com</p>	<p>Benjy Waller 1112 Bald Hill Road Jefferson City, MO 65101 573-220-0245 benjywaller@gmail.com</p>	<p>Benjamin Welle 48 Glendale Drive Glen Carbon, IL 62034 618-593-1946 bwelle@gmail.com</p>
<p>Jeff Williams 163 Indian Springs Lane Williams, IN 47470 812-797-5545 jeff.williams7272@yahoo.com</p>		

Shop Tip

Originally by Ed Harper

What do you do with that broken tape measure? I had a 25 foot Stanley one that was broken off at about the 9 inch mark. Take it apart and unwind the tape. Cut it into pieces to place around the shop wherever you frequently measure things. I plan on putting a few with my power hacksaw for measuring stock. I cut some into 12 inch lengths, 18 inch, and a few 3 and 4 foot lengths. At the very end, I found a product number for reordering a new tape. I didn't realize you could do this. When I looked this up online, it looked like these are no longer offered by Stanley. Everything was listed as out of stock, and my 25 foot tape was not shown at all.

BAM Tailgate

Buy, Sell, Trade

Individual Classified ads:

For Sale: Anvil's Ring Magazine collection Sept '73 thru Present. \$350 Bob Woodard Edwardsville, IL 618-692-6508

Real slate chalkboards for your shop various sizes and prices call Matthew Burnett for details (816) 575-2798

Commercial / Resource ads:

Services:

Beverly Shear Blades Sharpened. Remove blades from shear and ship to Clay Spencer, 73 Penniston Pvt. Drive, Somerville, AL 35670 \$41 includes return postage, additional cost for deep notches or blades previously sharpened at angle.

Little Giant-- We can do repairs on any or all components of your Little Giant front assembly. Contact Roger Rice, Midwest Machine, 6414 King Road, Nebraska City, Nebraska 68410. (402) 873-6603

Roller Blade Treadle Hammers (Clay Spencer design) for Sale or Workshops led to build hammers. Bob Alexander, e-mail to scruboak4@netzero.com, or call 636-586-5350.

Information / Education:

Missouri School of Blacksmithing

Cameron, MO
Instruction by Matthew Burnett
Group and Individual classes offered.
816-575-2798

Tong Making Class--Weekend Course, 4 people per class - \$125 per person. Contact: Charles Comstock, Rt.1 Box 20, Deerfield, MO. 64741 (417) 927-3499, or (417)-321-2286 cell

Back issues of Jerry Hoffmann's Blacksmith's Journal,
Call 1-800-944-6134 for more information.

Classes offered, The Ornamental Iron Shop
Contact the instructor to register and customize your class.

John D. Thompson – Metalsmith
3923 Hwy 25; Hodges, SC 29653 864-374-3933

Classes at Pieh Tool Company, Inc. - Camp Verde, AZ

The Bill Pieh Resource for Metalwork.

Call now for more information and to enroll:

(928) 554-0700 or (888) 743-4866.

www.piehtoolco.com.

Mathias Penn is offering introductory & beginning blacksmith classes. 417-543-2148

Tytheblacksmith@yahoo.com

oldschoolcrafts Blacksmith School, Joe Davis 12625 Lawrence 1175, Mt Vernon, MO 65712 phone 417-461-0387 on the web www.oldschoolcrafts.org E-Mail oldschoolcrafts@hotmail.com

David Norrie blacksmithing school in Colorado

David Norrie 303-859-0770 [http://](http://www.forgewithintention.com)

www.forgewithintention.com

or <http://www.davidnorrie.com>

The Upper Midwest Blacksmiths Assoc (UMBA)

video library. An index list can be viewed at

www.umbaonline.org

They are VHS or DVD-R Cost is \$5 each with \$2 per order shipping there is no return date, you keep the video for this price. All videos are made at group demos, no commercial titles.

Blacksmithing E-books on CD

Now eight titles are available on CD, \$4/each, or all eight books, \$24 postpaid. More books are in production and will be available soon- order on-line at

www.blacksmithingebooks.com, or check/MO to Brian Gilbert, 3404 Hartford Dr., Chattanooga, TN 37415.

Ray Clontz Tire Hammer Plans by Clay Spencer Send check/money order for \$30 to Clay Spencer, 73 Penniston Pvt. Drive, Somerville, AL 35670-7013. Includes postage to US and Canadian addresses. Other countries e-mail clay@otelco.net for price. 256-558-3658. Tire Hammers for sale contact me for current price

New England School of Metalwork
www.newenglandschoolofmetalwork.com 1-888-753-7502

Power Hammer page

I've taken some time to collect and post old info, catalogs and brochures on power hammers. The link of our NEB web page to this information is: http://www.newenglandblacksmiths.org/power_hammer_info.htm Ralph Sproul

Rochester Arc & Flame Center! Featuring Blacksmithing, Welding & Glass Blowing, over 30 classes available for all levels of interest, rocafc.com 585-349-7110

For Sale: Power Hammer instruction DVDs. \$125 per set. Clifton Ralph, 4041 W 47st, Gary, Indiana, 46408 (219)980-4437

Products:

Forge-Aprons offers seven different styles of leather blacksmith aprons; the Original bib, the Short bib, the Full-Cut bib which offers greater chest coverage, the Lap apron, two sizes of Kid's aprons, a Budget apron and our brand new, limited edition Flame apron which features flame imprinted buckles and an anvil engulfed in flames on the logo pocket.
www.Forge-Aprons.com

Heavy-Duty Fry Pan Blanks 9" diameter, tapered sides 12
Or 13 gauge steel (approx.2 pounds) no predrilled holes for the handle \$14.00 each..1-4, \$12.00 each.5-9, \$10.00 each...10+. Shipping: \$5.00 plus\$1.00 each

frypan Bob Tuftee 563-332-4800 6 Hollows Court LeClaire, IA 52753

L Brand Forge Coke now packaged in 50 pound bags on pallets. Send your zip code for a quote on price including delivery.1-678-360-3521 or LBrand-ForgeCoke@aol.com.

Chile Forge- Next generation gas forges
www.chileforge.com David Starr 520/360-2141

Kayne and Son Custom Hardware, 100 Daniel Ridge Road,
Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, e-mail:

kaynehdwe@charter.net, web site:
www.blacksmithsdepot.com.
Offering a full line of blacksmithing equipment. We ship and accept Visa and Mastercard.

D.L. Schwartz Co. Blacksmith and Farrier supplies.
2188 S. US 27, Berne, IN. 46711, 1-800-955-3064

SOFA fire pots are once again available. For information contact Bob Cruishank, 1495 W. Possum Rd., Springfield, OH. 45506 Phone: (937) 323-1300 or www.creativeironforge.com or www.sofablacksmiths.com

USA Dealer for REFFLINGHAUS ANVILS, 77 to 1250 lb.

European 2 horn with or without upsetting block & side shelf.

Over 100 sizes and styles available. Guaranteed face @ HRC59

Dick Nietfeld www.blksmith.com Phone (308) 384 1088

Wanted:

Blacksmith business cards. I would like to put together a collage of Blacksmith business cards. Bring them to a meeting or mail them to me with your dues.

Bruce Herzog
2212 Aileswick
St. Louis, MO 63129

The Editors Rambling

By: Jon McCarty

Hello everyone, I hope this newsletter finds you well and in plenty of time for the next meeting at Hank's. I am really looking forward to finally making it out to Hank's for a meeting at least.

I have so many thoughts, I am not sure where to start. Lets start at the conference. This years conference was a blast as usual. I was able to get there on Thursday afternoon this year with plenty of time to set up and smoke some Bar-B-Que for the pot luck. The pot luck is getting to be a favorite of many. There is lots of good food and plenty of friends and family to share it with. I plan on getting there in plenty of time again next year and will be bringing along another smoker or two.

This was my first time to help out a demonstrator, I got to learn a lot from Howard Clark not only from his demo but also from the many conversations we had over the course of the weekend. This made the conference for me. I am also very happy to have been able to have the winning bid on one of his demo pieces.

Tail gating area was great this year with many fine offerings, both new and old. I made a few purchases myself and I hope everyone found a good deal that they just had to have as well.

At Ned's meeting, Bruce said the conference wasn't a record breaker but it was close. The auction sales were high and so was attendance. BAM is continuing to grow in membership although this last month we did hold steady. We are at over 600 members now. Which is no surprise to me, I have known for a long time that this was the greatest organization in the US for many years.

We did touch on the subject of the scholarship program a bit. I would like to just say that I understand why we are changing it, I do. I have my concerns about the how's, what's, and where's of this proposed scholarship program. I do hope we can get it shaped into something great. I myself never did get to make use of the previous program, I did go so

far as to fill out the application a couple times but there was always something that came up and stopped me from being able to attend.

I do think we need to get some details figured out though. We need to decide how we will go about choosing our demonstrators. Do we put together another scholarship board that goes over proposals put forth by the membership. That is my first thought, maybe you all have another idea. Another thought, How many of these do we do a year? Do we set a limit, a goal, or a dollar amount?

As to the where's, Would we have a set place to do these? I remember something at one time about a group wanting to build a building and have it used for meetings. I know I like the traveling meetings, and I would like to see a bit more people signing up to hold meetings in the future. However, for something like this having a set place fairly central may be a good idea. I do not have any suggestions on where to have the classes/demonstrations. But it is just another thought to cross my mind.

Then there are the what's. What type of blacksmithing class do we have. We have some many varied interests in our organization. It would be difficult at best to be able to please everyone every time. If we go with membership proposed demonstrator/classes then we should have a pretty good variety to choose from, unless we only get suggestions from a small handful of people.

OK so the title on this one sums it up and I think I will end my ramblings there for now. If you have any ideas, suggestions or concerns and you can't make it to the September meeting at Don Birdsall's



BAM Coal Stations

Price per bag:

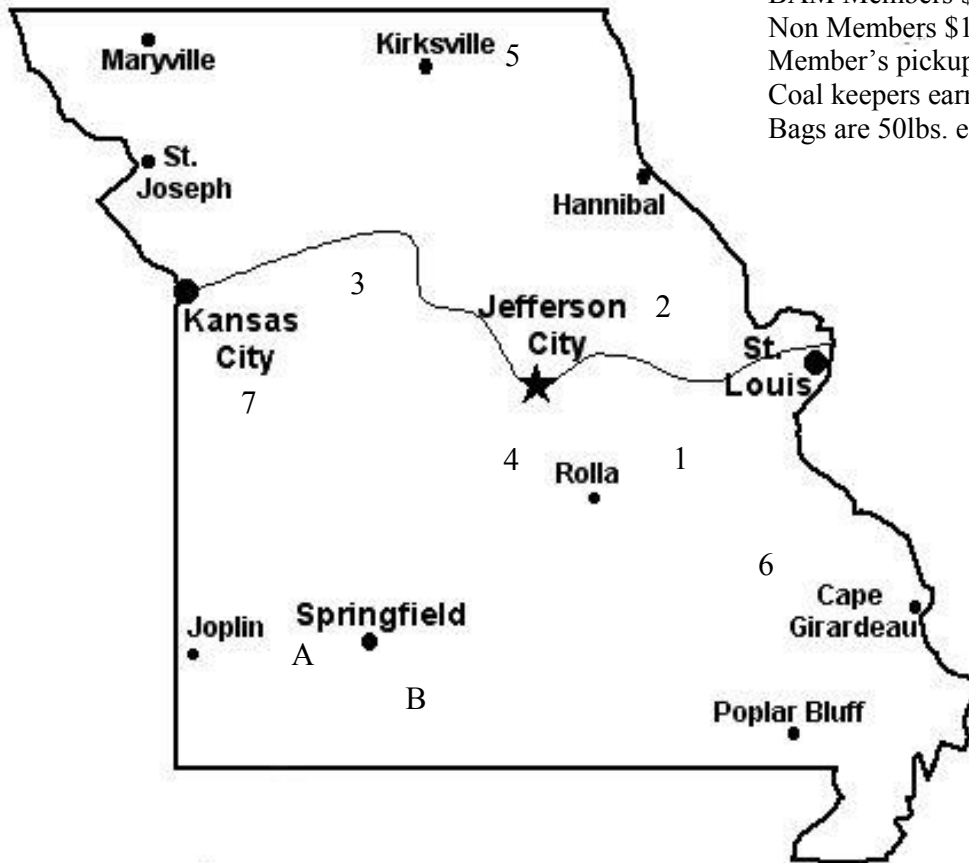
BAM Members \$14.00

Non Members \$19.00

Member's pickup at Bob Alexander's - \$12.00

Coal keepers earn \$3.00 per bag

Bags are 50lbs. each



1. Bob Alexander (636) 586-5350
14009 Hardin Rd.
DeSoto, MO 63020

2. Ken Jansen (636) 295-5844
2257 Carter Rd.
Moscow Mills, MO 63362

3. Doug Clemons (660) 595-2257
29377 Durango Ave.
Malta Bend, MO 65339

4. Jerry Rehagen (573) 744-5454
390 Bozina Valley Trail
Freeburg, MO 65035

5. Joe Hurley (660) 379-2365
or (660) 626-7824
Route 1 Box 50
Downing, MO 63536

6. Bob Maes (573) 866-3811
Route 1 Box 106 K
Millersville, MO 63766

7. Bryan Lillibridge (660) 638-4536

Non BAM Coal

A. Tim Johnson, Springfield, MO 417-886-8032 - \$.40/lb. check, \$.35/lb. cash. Bring your own containers.

B. Good blacksmithing coal for sale \$12 per 50# bag with bulk delivery available.

Matthias Penn Rt. 1 box 479-S Ava, Mo. 65608. (417)-543-2148.

Or e-mail tytheblacksmith@yahoo.com.

BAM
2212 AILESWICK DR.
ST. LOUIS MO 63129

Please send changes to Bruce Herzog, 2212 Aileswick Dr., St. Louis MO 63129 or e-mail to bjherzog@charter.net

Next Meeting: July 15, 2017

Hank Knickmeyer, Cedar Hill MO
Nathan Robertson will be Demonstrating

