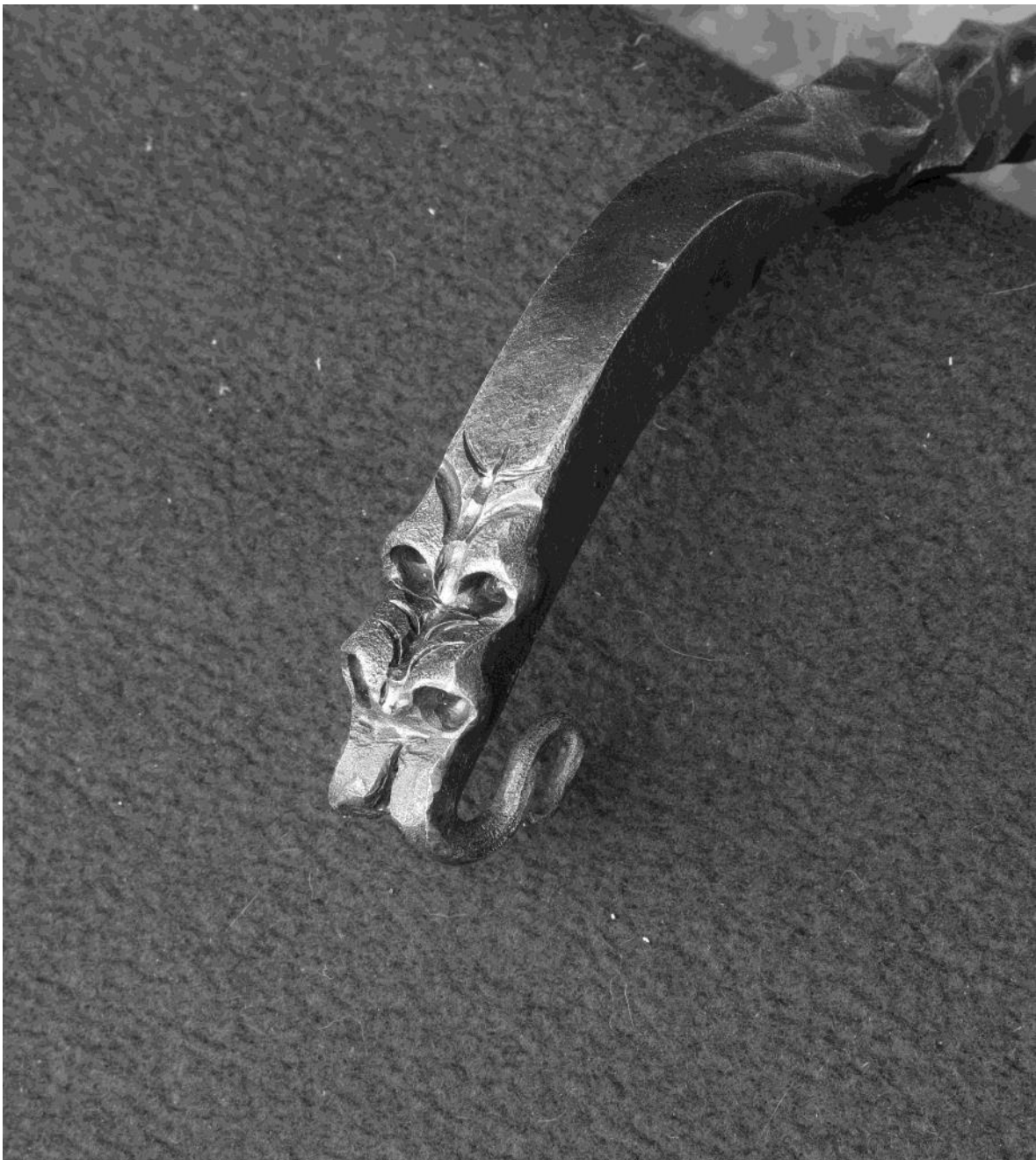


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November / December 2017



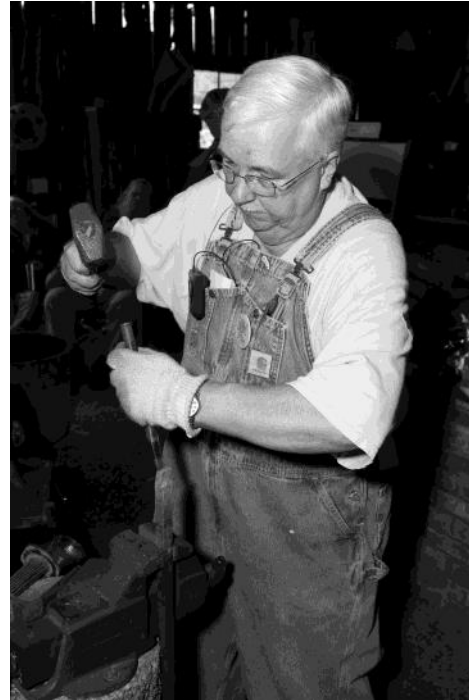
Chinese Dragon by Chris Miller

November / December 2017
Volume 34, No 6

Blacksmith Association of Missouri

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Editors

Jon and Heather McCarty

Contributing Writers

Bob Stormer

President's Message

Steve McCarthy

Mailing Labels

Bruce Herzog

The Newsletter of the Blacksmiths Association of Missouri is published six times a year and is mailed to members of BAM. The annual fee for regular membership is \$30/year; a portion of this amount is for a subscription to this newsletter for one year. Editorial inquiries should be addressed to : Jon McCarty 815 Miller Street, New Haven, MO 63068; (636)359-1246, or send an email to: bameditor2015@gmail.com BAM membership inquiries should be addressed to: Bruce Herzog, 2212 Aileswick Dr. St. Louis, MO 63129 (314) 892-4690 or send email to bjherzog@charter.net. Occasionally some material will be copyrighted and may not be reproduced without written consent by the author. BAM welcomes the use of any other material printed in this newsletter provided the author and this organization are given credit.

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

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

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

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

Contributory-----\$100 yr

From the President

By: Steve McCarthy

We have finally had a little bit of cold weather and the leaves are starting to change. I am anxiously awaiting the next National holiday. No, not Thanksgiving, its opening day of deer season that I look forward to. Aaron and I only got to go on the first morning of youth season and didn't see anything. Hopefully we have better luck during the regular season.

Meetings at the Tom Kennon blacksmith shop are always enjoyable, and this one was more of the same. As with many communities in the South East part of the state, Doniphan suffered major flood damage this past May. The blacksmith shop sits about 400 yards from the river and everything was submerged. The waterline on the forge flue looked to be about 5 feet. I don't think there was a great loss of equipment, but the cleanup had to be a daunting task. Chris Miller and the rest of the Doniphan crew had the shop back in top notch shape. Chris did a great job of showing us how to make a dragon. This demo was half of his payback for a scholarship. I think my favorite part was Chris making his first dragon in modeling clay. The use of clay is a great teaching tool as it behaves very much like hot metal but is easier to see what is happening.

During the business meeting I brought up something I think we should give some thought to. For the past few years we have had 3 demonstrator stations set up at Conference. The only problem with that is that BAM only has equipment for 2 stations. Members have always come through when asked to bring something to Conference but I see no reason that BAM shouldn't be able to purchase its own tools. I would like some input on outfitting a knife makers station with a gas forge, anvil, vise and maybe even a grinder. I'm sure the knife makers in the group can come up with plenty of suggestions. I was also informed that our current Conference equipment trailer is full to capacity with what we already have. So, if we decide to add equipment, we will also have to upgrade the trailer. I'm sure there are several future discussions to be had on the mater.

Don't forget to fill out the enclosed ballot and cast your vote for the scholarship program.

Until we meet again, Happy Hammering.



Editor's Ramblings

By: Jon McCarty

Hope all is well with everyone. At this time I am finalizing details of the Grinder workshop and should have further details in the next newsletter and at the January Meeting. Please stay tuned.

From Heather, myself, and our family we want to wish everyone a Happy and safe Holiday Season.

Until Then... Hammer Safe
Jon



Meeting Minutes ~ November Meeting

By: Bob Stormer

President Steve McCarthy opened the meeting by thanking Chris Miller for hosting the meeting, and his crew, including the food preparation folks, for help with all the meeting preparations.

Bruce reported that BAM now has 621 members, down 7 from the previous count. In junction with giving the financial report, Bruce asked Bob Alexander about the coal status. We have four pallets of bags left at Bob's shop and will likely not need to order more until next spring.

Michael Gorzel was not at the meeting so we didn't have a detailed conference report, but someone mentioned that there is a major military event that same weekend, so don't delay in making hotel reservations. Steve McCarthy brought up the idea of buying some equipment to better support the knifemaker demonstrator at the annual conference. In the past BAM has relied mostly on members providing whatever equipment was required. To purchase the knifemaker equipment may require upgrading the present trailer to a larger one because of space. Steve brought this up to get the membership thinking about it, as further discussion will be required.

Steve McCarthy mentioned that we had not yet sanctioned either Ken Jansen's Black Friday Hammer-In or Pat McCarty's Headache Hammer-In as official BAM events. A motion was made to do so and a show of hands confirmed sanctioning both events. The theme for Ken's meeting Friday, November 24th, is beverage container access devices. This is not a trade item, but a project for the meeting, and Ken will have multiples styles to work on.

Bernie Tappel said the scholarship committee expects to be able to present options for the revamped scholarship program in the November-December newsletter for membership review. The goal is to have the new scholarship guidelines in place by March 2018.

Karen Bouckaert, BAM Librarian, presented a lot of recently donated books at the meeting. A lot of the books were donated by Lou Mueller, Doug and Bonnie Hendrickson, and Maurice and Bess Ellis. If I missed other donors, I apologize for the omission. Some people received two copies of the September-October 2017 BAM newsletter due a publisher's mistake. The first copy was missing about 8 pages, so the

publisher sent out a second copy, at no cost to BAM, that included the missing pages.

A motion was made to adjourn the meeting and the motion passed.



Iron In the Hat - November Meeting

Donated by	Won By	Item
Mike McLaughlin	Matt Dickson	Plow Points
Dennis Mohrmann	Aaron McCarthy	Buggy Axle
Dennis Mohrmann	Aaron McCarthy	Buggy Parts/Brake
Dennis Mohrmann	Bernie Tappel	Beer Keg
Dennis Mohrmann	Gary Ethridge	Buggy Parts/Brake
Chris Jones	John Huff	Jack Hammer Bits
Karen Bouckaert	John Huff	Hammers Blow and Anvils Ring
John Huff	Santo Giuffrida	Bucket of Horseshoes
Chris Jones	Elijah Thomas	Jack Hammer Bits
BAM Library	Davis Rosemann	BAM Newsletters
Brandon Crawford	John Huff	Metal Cylinders/ Round Stock
BAM Library	Donny Schilling	BAM Newsletters
Bob Alexander	Mike McLaughlin	Tank Ends for Swage Blocks
Karen Bouckaert	Craig Ferrell	Hammer Blow and Anvils Ring
Lou Mueller	Aaron McCarthy	New Edge of the Anvil
Bob Maes	John Huff	Cultivator Points
Chris Jones	David Rosemann	Jack Hammer Bits
Santo Giuffrida	John Huff	Metal Bucket
Chris Jones	John Huff	Jack Hammer Bits
Dennis Mohrmann	Mike McLaughlin	Bearing
Bob Alexander	Steve Eikerman	Tank Ends for Swage Blocks
Dennis Mohrmann	Craig Ferrell	Grinder
Dennis Mohrmann	David Grant	Metal Ruler

Upcoming Events...

January 1, 2018 Hammer-In Pat McCarty, Washington, MO

January 13, 2018 Meeting, Higbee, MO, Dale Kirby

March 10, 2018 Meeting. Festus MO, Matt Dickson

May 2018 BAM Conference

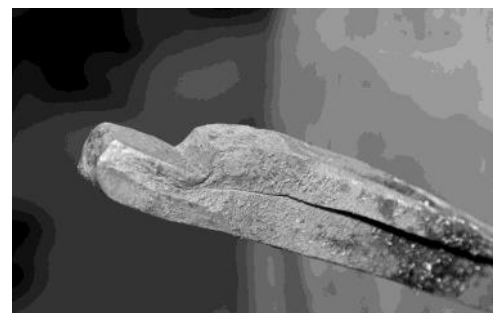
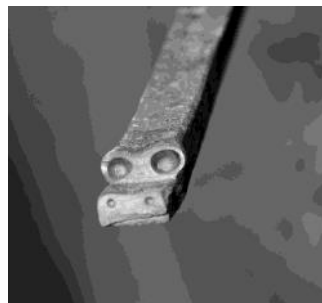
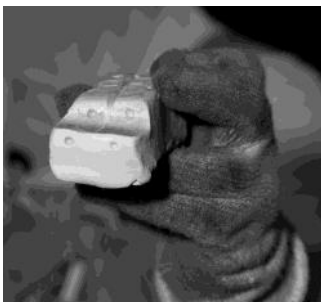
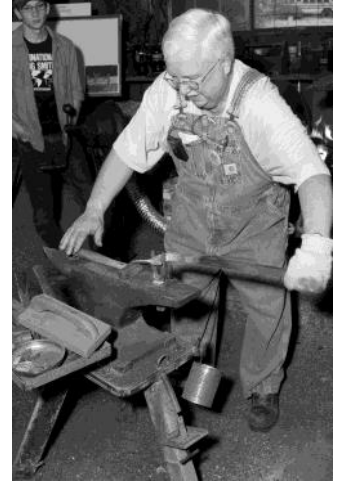
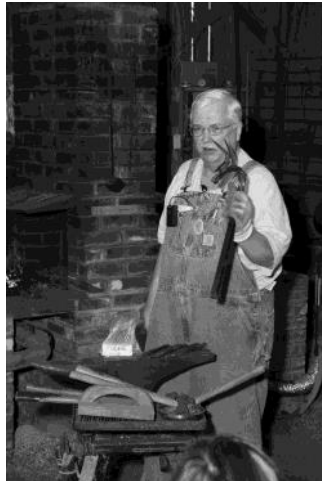
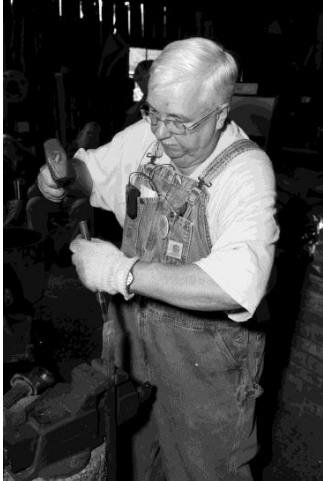
June, 2018 Meeting, Ned Digh

July 2018 Meeting, Steve McCarthy

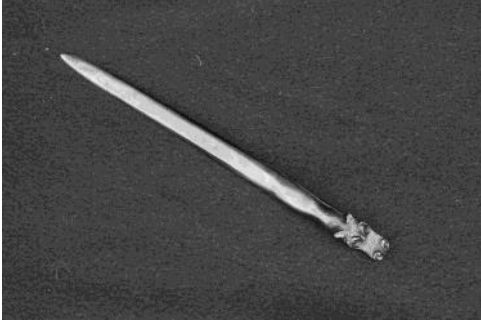
November 3, 2018 Meeting, John Murry

If there is an event that is not listed or a meeting that you are interested in hosting please contact us at BAMeditor2015@gmail.com.

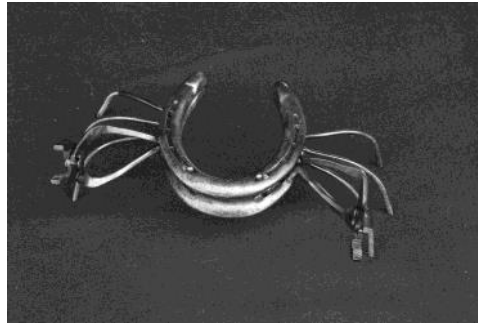
November Meeting Photo Gallery



Trade Items ~ November Meeting



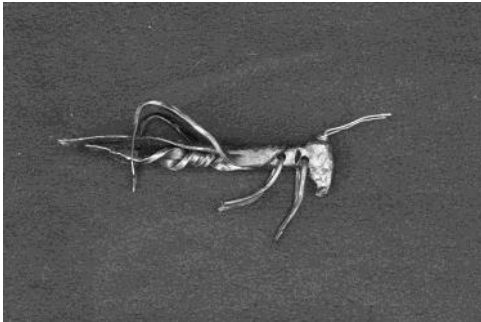
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Traded To: Chad Walsh



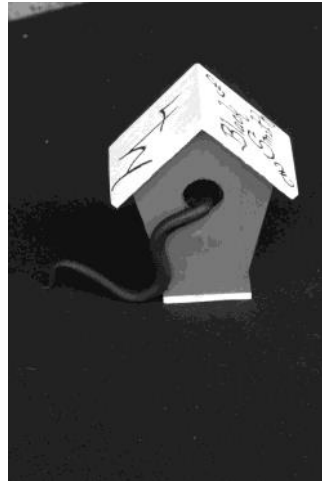
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Traded To: Dale Cannon



Made By: Chris Miller
Traded To: John Gries



Made By: Santo Giuffrida
Traded To: Chris Miller



Made By: Chad Walsh
Traded To: Santo Giuffrida

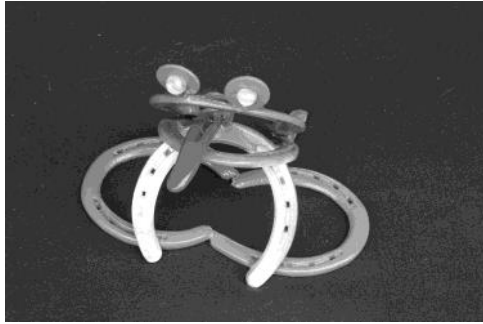


Made By: Bernie Tappel
Traded To: John Huff



Made By: Steve McCarthy
Traded To: Gary Ethridge

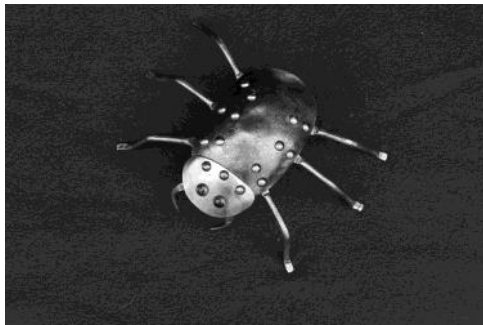
Trade Items Continued ~ November Meeting



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Traded To: Brandon Crawford



Made By: Dale Cannon
Traded To: Steve McCarthy



Made By: John Gries
Traded To: Bernie Tappel



Made By: Bob Stormer
Traded To: Don Anders



Made By: Don Anders
Traded To: Bob Stormer



Made By: Gary Ethridge
Traded To: Chris Jones

Blacksmithing Business Class-How to Make Money Blacksmithing

BAM members and blacksmiths alike missed a great opportunity to hone their business skills this past October 28th during the Blacksmithing Business Class, hosted by Matthew Burnett, Missouri School of Blacksmithing. A panel of four featuring Walt Hull, Bob Ehrenberger, Howard Clark and Matthew Burnett were the speakers for the day.

Howard Clark of Morgan Valley Forge shared how he had become interested in blacksmithing, beginning with a 9th Grade shop class. He started making knives in 1986 and has been self-employed since 1988. His primary focus has been knives, however, due to market changes in 1998, he now concentrates on custom-made katanas and other Japanese style swords.

Walt Hull of Walt Hull Ironworks got into architectural ironwork in 1974, when he went to work for a small structural steel fabrication company. That job lasted for 20 years. About 1980 he started doing ornamental ironwork on the side, and in 1994 quit his day job after having built his market, acquired the tools and built the shop he still works in.

Bob Ehrenberger worked for 25 years as a software engineer. He joined BAM in 1995 mainly because his son wanted to be a bladesmith. He quit his day job in 2000 to pursue blacksmithing full time, doing commissions, craft shows and reenactments. He also did wholesale work during the off season of demonstrating, and switched to that almost exclusively later in his career.

Matthew Burnett of the Missouri School of Blacksmithing has been blacksmithing since he was 13. Matthew started the school in 2016 because he saw a need for a school in the Midwest. He offers classes from beginning to advanced in all aspects of blacksmithing.

Beginning about 9:00 in the morning, each gave a presentation about their respective area of their blacksmithing business. Each of the panelists expressed how it was important to them to build their business with as little debt as possible. Key components of that journey were doing a good job with what they made; improving their skills as they went; and buying better tools as finances allowed while continuing to grow their businesses. Continuing education was an-

other strong point made, from reading books on blacksmithing, attending conferences and demonstrations, asking questions of others, learning to work efficiently with their time and materials and taking classes. Another thing that they emphasized was the importance of having a supporting spouse, particularly with the times of uncertainty that go with being self-employed.

Other topics covered were targeting and developing of your market; advertising and market exposure; tips on drawing and sketching; product development; and legal, tax, and insurance issues. As each panelist spoke, others on the panel chimed in with their own experiences on the topic at hand. After a home-cooked lunch, the panel displayed examples of their respective works, explaining the process from planning, drawing and completion, as well as an explanation of pricing. Questions from the audience were answered throughout the day. There was a constant flow of knowledge and advice, with the panel openly sharing what worked and didn't work for them. The day ended about 4:30 and was deemed a success by all participants.

Here There Be Dragons ~ Scholarship Report

By: Chris Miller

As the recipient of the last BAM Scholarship awarded before the planned program revisions, I was able to enroll in the New England School of Metalwork's fall class in which Dereck Glaser taught a three day program on the production of tooling for and the use of those tools in carving Dragon heads in steel.

The New England School of Metalwork is located in Auburn, Maine in an industrial area downtown adjacent to the Maine Oxy factory. They have separate buildings for their welding and their blacksmithing programs. Dereck Glaser, of DG Forge (www.dereckglaser.com) runs the Blacksmithing program and instructed our class. He has an impressive portfolio of blacksmith work to his credit and his early experience in teaching in various vocational schools has given him a good handle on how to work with students of varying skill levels. Our class was billed for "seasoned beginners" but the eight of us in the class ran the gamut from absolute novice to very experienced hobbyists.

The classroom in a 40' x 60' metal building included eight forging stations, eight belt sanding stations, two power hammers and a treadle hammer. Each forging station consisted of a forced draft coal forge very similar to the ones that BAM uses at the conference. A post vise bolted to the concrete floor and an anvil of around 150lbs on a metal tripod stand along with dozens of associated anvil tools and tongs was available at every station. Seven of the anvils were the London pattern but I ended up with their newest double horn anvil at my station which is shown as Exhibit A. The first day of class consisted of a short orientation in their adjoining administration building followed by familiarization of the tools and equipment at each station in the classroom. After a short tutorial in getting the coal fires up and running we started the largest class block of the day discussing and making individual sets of the tooling that Dereck would be using in his carving demonstrations. The tooling was quite simple. There was a conical pointed punch, a small ball nosed punch, a cutting/slitting chisel, a curved chisel, a small straight fuller and a curved fuller. (See Figure 1) The two fullers and the ball nosed punch were made from half inch square mild steel and the chisels and the pointed punch were made from unquenched half inch 1040 medium carbon steel. As Dereck informed us, that while making all of these tools out of high quality tool steel would insure

long lasting tools, it would also take up considerable time out of the class time available for forging dragons in properly heat treating those tools; so we would be using these softer tools and dressing them a bit more often at the grinding stations if they deformed.

As it turned out, all of the tools we made were more than adequate for all of the carving processes and forms we would work on during the class with just slight dressing between projects.

I should point out that one of the most useful tools available to each work station was a 45 degree angle clamp for each post vise fabricated from heavy angle iron stock welded together at 90 degrees to each other that provided a really stable and easily accessible work base for clamping and working on the bar stock used to make the dragon heads. You should not try these projects without something like this; handy as a pocket on a shirt. (See Exhibit B) Everyone had their tools forged and ground by lunchtime. After lunch Dereck gave a demonstration on the first form of dragon he would have us duplicate. He then gave everyone a rectangular one inch square block of modeling clay that had been refrigerated and had us try to duplicate his design in clay before using the steel stock. We would be using 5/8" square mild steel stock for each project but the tools would work well on larger stock and do alright on stock down to half inch square; anything smaller provides too little mass to perform some of the operations we would use because of stock cooling. The clay models gave us all a really good idea of what each tool was capable of when applied to the hot steel. Dereck pointed out that the advantage of the larger stock size was in giving additional time on the work before it cooled below the orange temperature range. Because of the time it takes to get the bar from the fire and clamped in the vice with tooling at hand, we should always seek to bring the work up to a bright orange/low yellow temperature before attempting to work at the vice. A separate hammer should be kept at the vice and the anvil with tooling immediately at or in hand in order not to waste time and heat in starting the work when clamped on the angle jig. The first dragon would be a hornless open mouthed variety which would be started by laying off about an inch to an inch and a half off the near face of the anvil and using half faced blows to set down the brow ridge about one third of the way through the stock. (See Figure 17)

This would leave about 2/3 of the thickness for punching the nose and cutting the mouth at the end of the bar. This would be a good time to knock down and smooth the corners on both the face and the neck area because they will not be accessible later without deforming the face work. (See Figure 19)

A texturing hammer on the neck area will help to eliminate the unnatural surface of the milled bar stock. Up to this point the face on the bar can be forged straight and square on the face of the anvil by holding the mouth area over the edge, but the subsequent punching will deform the bar for the eye sockets making later adjustments back along the bar more difficult. The next step is when the pointed and ball nosed punches come into play. First, the pointed punch is used to set the eye sockets and the nostrils of the beast. (See Figure 20)

A light impression should be made first on each to see that everything is as symmetrical (or as asymmetrical) as you want it to be; improper placement can still be adjusted at this point by angling the pointed chisel in the appropriate direction for further definition on the next heat. The next heat should drive the pointed punch deep into the bar for the eye sockets; as much as a quarter inch or enough to cause the sockets to deform the bar on the sides of the bar and along the brow ridge on the top of the bar. (See Figure 21)

Once set deep you can use the pointed chisel to leverage the hole in a particular direction to emphasize a particular eye or brow shape. Whichever definitions you impose with the pointed punch should, on the next heat, be expanded and driven deeper using the ball nosed punch. You can get pretty extreme deformation using this method and you often do not need to use a separate eyeball punch because the pointed impression of the pointed chisel sits at the bottom of the ball nosed chisel work mimicking an eyeball as long as the pointed chisel was driven deeper into the bar than the ball nosed chisel. (See Figure 22) The same process is then used on the nostrils being careful not to break out the holes along the top of sides of the nose due to the thinness of the material. The first mouth work would be on the front of the bar using the slitting chisel to set the mouth apart from the nose above it; leaving enough for the nostrils above while allowing a deep cut of at least one half inch down through the bar to open a mouth. Scoring the mouth line on the front and sides of the bar should be done while in the angle jig where you have good visibility and control, but cutting the resulting mouth deep into the bar is best done with the bar re-heated and re-clamped perpendicular to the

jaws being careful not to slew off at such a steep angle as to shear off the entire mouth.

When cut to the appropriate depth it should be opened and tapered with sharp edges removed but leave enough thickness to make impressions for teeth along the sides with either the straight or curved chisel. The dragon's face should look pretty well defined by this stage but needs the fullers to impart some facial expressions to make it ferocious. Using the straight fuller, fuller a line down between the eye sockets and down the ridge of the nose to just behind the nostrils. (See Figure 24)

Chisel or fuller marks along the top of the snout behind the nostrils at an angle to the fullered line will increase its look of vexation. (See Figure 25)

The rest is up to individual imagination. Additional chisel or fuller work behind the eyes and along the neck are worthwhile considerations as are small cuts with the straight chisel along the sides of the mouth for dragons teeth. The dragon's head is finished, but there are multiple options for further work depending upon what you wish to do with the remainder of the bar; you can continue with dragon anatomy like wings, scales, legs, claws and tail, or you can make a door knocker, bottle opener, handled tool, etc. We opted for a simple twist followed by a drawn out and barbed tail curved into a bottle opener, but many other options would be available. (See Figure 26)

As Dereck reminded us, Dragons are imaginary creatures, but there are many varieties in literature and art to emulate. A common form is a Chinese Dragon. These tend to have beards or whiskers along the snout with wild eyed looks like the one below: (See Figure 2)

In this form Dereck showed us how to start with the beard or whiskers by laying about an inch over the near face of the anvil and, with half faced blows, forging a step on the bar about 3/4 down and then tapering that out to a point. (See Figure 3)

Next the taper is split down the middle with the straight chisel and cut through either on the face of the anvil with a strike plate underneath or at the vice using the straight chisel to cut down the scored line. (See Figure 4)

The two prongs are split apart and, using convenience bends in the bar, tapered first square, then octagon,

then round on each prong. (See Figure 5)

The resulting round tapers for the beard are then brought together with convenience bends to get them out of the way when forming the rest of the head. (See Figure 6)

The next step is in forging the head and face in the same manner as the first project by laying off about an inch off the near face of the anvil and using half faced blows to set down the brow ridge about one third of the way through the stock. This would leave about 2/3 of the thickness for punching the nose and cutting the mouth at the end of the bar. This would again be a good time to knock down and smooth the corners on both the face and the neck area because they will not be accessible later without deforming the face work. (See Figure 8) Using the pointed punch and the ball nosed punch, form the eyes and nostrils. (See Figure 9) You can use the straight chisel to outline a mouth without cutting it in too deeply, or you can omit the mouth line which, as in the case of most heavy beards, not visible on your average Chinese Dragon. The ferociousness can, however, be enhanced by the use of the curved and straight fullers by imparting a line with the straight fuller down the snout from between the nostrils back through the brow and beyond with the curved fuller used to make scrunching marks along the snout above the nostrils and also by further defining the eye sockets from behind the eyes. (See Figure 10)

The final step in the Chinese Dragon's head is curling back the beard with scrolling tongs and pliers, taking care to adjust the beard so that the stock sits equally and level on the face of the anvil. (See Figure 11) In this example, I added a pineapple twist on the neck area and brassed the head to highlight the details of the work. Dereck recommended a hot brushing at about 150 degrees F. with a Carnuba Wax to protect any of the heads we were making. Another method to form the head was the third type Dereck demonstrated. He first did a three sided taper about an inch or so back on the bar. (See Figure 12a) Instead of a single step down on the near face with half faced blows, he held the bar at a downward angle of 30-45 degrees at 45 degree angle from the flat face and used half faced blows to set down an angled step. (See Figure 12) After another heat this step is repeated on the opposite side by holding the bar at the same downward angle as the first step but with the bar at a 45 degree angle from the edge of the face 90 degrees from the first step. (See Figure 13) If you have managed to do this properly, the two angled stepdown should result in a brow ridge of the beast that is triangular and the bar is

deformed outward on each side. From this point the conical punch is used to set the eye sockets; being careful to use the punches to push the eye sockets outward and upward to accentuate the brow ridge. The nostrils are then punched in the snout at the end of the bar. Again, a mouth can be cut somewhat deeply or just incised for appearance or even dispensed with depending upon the look you are after and the mass of the stock available to you. (See Figure 14)

This form he demonstrated came with horns and they were prepared by scribing long triangular lines from just behind the eye sockets on the top and sides of the bar back a distance of two inches or more. This is easier done with cold stock and a good veining chisel before taking a heat and deepening the lines with the straight chisel or hot cut. (See Figure 15) On succeeding heats these lines are cut deeply with the slitting chisel and they will eventually start peeling away from the parent bar if the chisel lines on the top and sides converge at the point. The goal is to get them to peel away sufficiently to taper each them to a round point, hopefully of similar length. (See Figure 16)

From this point you can fold these out of the way while you work on the rest of the piece and then just use the scrolling pliers to orient the horns in the desired position when completed with the project. I opted to finish the piece by first doing a pineapple twist on the neck and then drawing it out with a flat taper and punching holes to turn it into a wall hook. (See Figure 16a)

The last Dragon Head form Derek showed us how to do was a variation on one I have made before. See my article "How to Make a Dragon's Head" in the BAM Newsletter in the July/August 2015 Issue. As could be expected, Derek had a lot to teach me about this form as well. Since it involved a bit of forge welding, he saved it until the last day of class. I will refer you to that article in the BAM Newsletter Archive for the detailed steps in making this forge welded head rather than including the process in this article. The main difference in the class demonstration from what I did back in the 2015 article to was in rounding the horns instead of leaving them in a square taper to a point and, of course, giving the face much more dimension with the deeper punches and fuller marks than I was able to envision without his tooling and process recommendations.

As with any attempt to recreate the entire learning experience of a three full day class, I am certainly leaving out a wealth of information that was imparted. All

was beneficial and, while much was memorable enough to include in this article, much sank in through osmosis and merged with my prior training and experience in such small ways that it is impossible to explain to others without performing a hands on demonstration. Suffice to say that it was a highly rewarding and enjoyable experience, and I would recommend any such class to every BAM member who has the time and resources to attend one of the established blacksmithing schools.

The BAM Scholarship is certainly an encouragement in this regard.



Figure 2



Exhibit A



Figure 3



Exhibit B

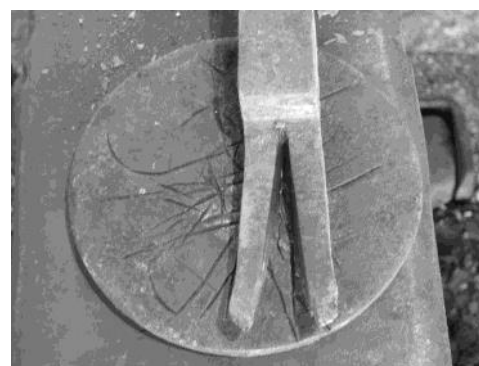


Figure 4



Figure 1



Figure 5



Figure 6



Figure 6a



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11

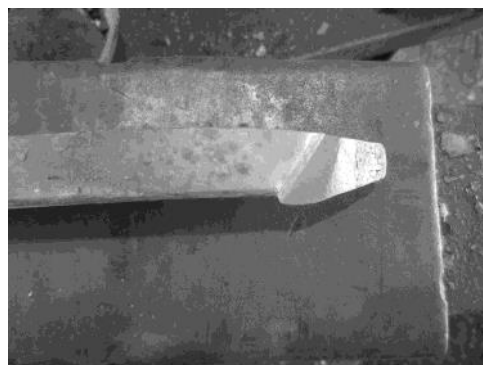


Figure 12

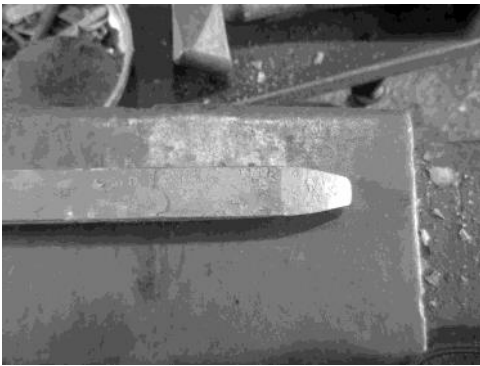


Figure 12a

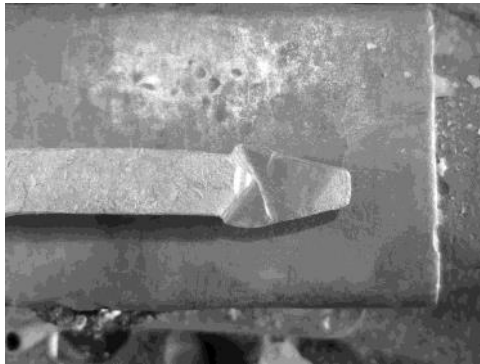


Figure 13



Figure 14



Figure 15



Figure 16

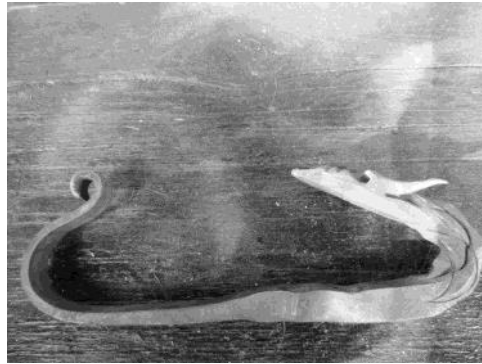


Figure 16a



Figure 17



Figure 18



Figure 19



Figure 20



Figure 21



Figure 22



Figure 23



Figure 24

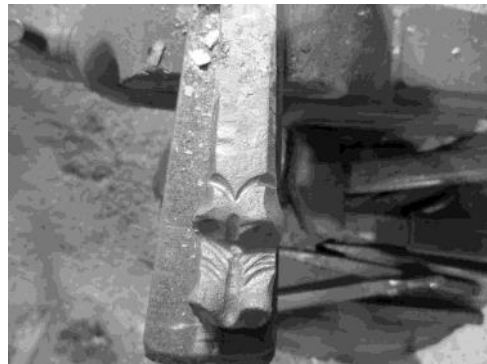


Figure 25

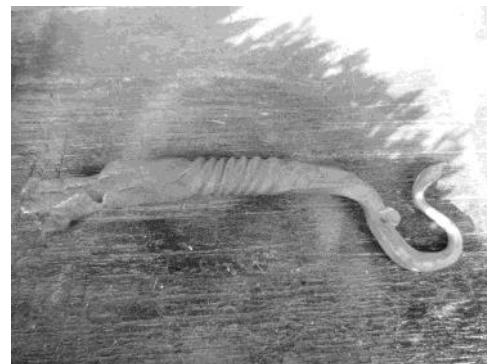


Figure 26

ABANA NEWS ~ Little Giant Power Hammer Rebuilding Seminar

LEARN HOW TO MAKE YOUR LITTLE GIANT POWER HAMMER WORK HARDER THAN EVER!

You are invited to join us for our annual Little Giant Rebuilding Seminar. It will be held Friday March 16 through Saturday March 17, 2018.

First taught by our good friend Fred Caylor of Zionsville, Indiana, we carry on his tradition of teaching how to make Little Giants run well and hit hard.

This 2 day class is a hands-on format. You will help transform a 25 LB Little Giant from running but sloppy condition into a well tuned, quiet, hard working machine. Sid Suedmeier, former owner of Little Giant, will share all his knowledge and experience gained from Fred and 26 years of repairing and rebuilding Little Giants.

An old style 25 LB Little Giant will be rebuilt during the class, but we will also have a new style on hand to demonstrate proper assembly and adjustment of both styles.

The class is held in our shop in historical Nebraska City, Nebraska. Our city has a nice selection of cafes, outlets, antique and gift shops, orchards, wineries and museums.

IF YOU HAVE A LITTLE GIANT, THIS CLASS IS FOR YOU!

No experience is required to attend this class. Our past classes have been attended by folks from every walk of life, from students to retirees ...anyone who wants to learn can benefit from this class. We approach the rebuilding process using tools that can be found in the average home workshop.

If you are in the market to buy a power hammer, this class will make you an educated shopper. If you already own a Little Giant, or any other brand of power hammer, this class will teach you how to get the most performance possible.

The class costs \$95, refundable up to 7 days prior to the class; advance registration is required. We limit the class to 25 participants. The class starts at 9 AM sharp on Friday, and typically ends by Saturday evening. We are available Sunday until noon in case we encounter any exceptional problems in rebuilding, and to answer remaining questions.

When we receive your registration, we will send you a city map, along with travel and hotel information.

Airports are located in Omaha (45 miles north), Lincoln (50 miles west) and Kansas City (125 miles south).

2018 REGISTRATION

Name: _____

Business name: _____

Address: _____

Telephone: _____

Email address: _____

PAYMENT

Check enclosed

Cash in person

(Sorry, we no longer accept credit cards, although credit cards can be used to purchase parts through the Little Giant business owned by Roger Rice, also in Nebraska City)

POWER HAMMER INFO

Brand: _____ Size: _____

Serial Number: _____

Please call or email if you have any questions, or prefer to register by phone. You can reach us at 402/873-6605 or sidsshop@windstream.net

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://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 LBrandForgeCoke@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

Demonstrator List

Fred Weisenborn has started a list of members available for demonstrations, fairs, historic events, and festivals, etc. 417-589-2497 e-mail: jweisenb@llion.org

Around the Anvil BAM has its very own E-Mail news group. If you would like to participate there is a sign up link on the bamsite.org or send an E-Mail to Bernie Tappel at bamweb@embarqmail.com and he will get you signed up.

Check out back issues of BAM newsletter on www.bamsite.org. It now has a search feature to help you find old articles.

Ad Policy: Blacksmith related ads are free to BAM members. Personal ads will run for two issues.

Resource ads are ongoing at my discretion. Send to BAMeditor2015@gmail.com, or call 636-359-1246

WELCOME

<p>Rusty Baker 520 South Central Ave Centralia,MO 65240 573-999-4423 azend2004@yahoo.com</p>	<p>Jonathan Beecher 1713 Country Place Court Mexico,MO 65265 573-578-6878 jonathan.beecher@gmail.com</p>	<p>Steven Fisher 225 East 2nd Street Jameson,MO 64647 801-200-2349 thefishersarecool@gmail.com</p>
<p>Dan Gremaud 100 Ivo Drive Swansea,IL 62226 618-257-9411 dgremaud1953@yahoo.com</p>	<p>Jayson Griffith 100 Taylors Xing Union,MO 63084 217-299-0082 offkilteranvil@gmail.com</p>	<p>Dave Harris P.O. Box 327 Wheaton,MO 64874 417-652-7339</p>
<p>Jim Kaufmann 19986 State Route F St James,MO 65559 573-453-5221 cavinjimk@gmail.com</p>	<p>Paul Kuenzle 10188 Forest View Drive Cadet,MO 63630 573-535-0395 paulkuenzle56@gmail.com</p>	<p>Mike Manzortti 13400 Rebecca Court Marthasville,MO 63357 314-853-8338 ihondo@centurytell.net</p>
<p>Ryan McNamara 407 Sunset Lane O'Fallon,MO 63366 314-220-7701 rymzna83@gmail.com</p>	<p>Mike Medows 806 Clearview Drive Union,MO 63084 636-744-6227 unclemike2011@hotmail.com</p>	<p>Travis Narr 20504 Liv 242 WHeeling,MO 64688 660-247-6000</p>
<p>Brandon O'Rourke 613 Christopher Warrnesburg,MO 64093 812-870-6797</p>	<p>Kenton Poindexter 1040 Bauer Road Valle Mines,MO 63087 314-520-6894 kpoindex08@gmail.com</p>	<p>Allen Radtke 6504 Cherokee Lane Cedar Hill,MO 63016 636-748-7348 dabeln@gmail.com</p>
<p>James Rinck 26525 Hwy AB Richland,MO 65556 573-528-3586 jdrinck77@gmail.com</p>	<p>Luke Sumner 38180 Hwy T Russellville,MO 65074 660-287-1372 sumnerluke@hotmail.com</p>	<p>Maxwell Tohtz 3520 Giles Avenue St Louis,MO 63116 314-750-6105 maxt3520@gmail.com</p>
<p>Bill Verman P.O. Box 213 Burlington Junction,MO 64428 660-853-0293 billverman@yahoo.com</p>		

NEW MEMBERS

BAM Coal Stations

Price per bag:

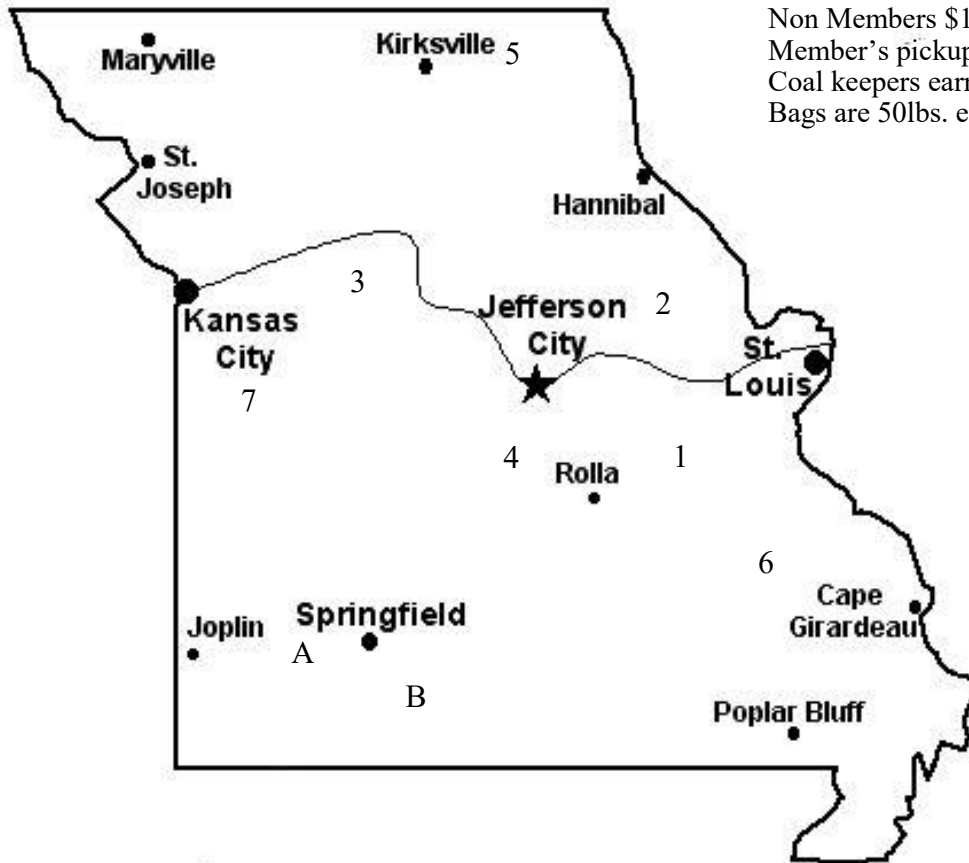
BAM Members \$14.00

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) 631-1257
29377 Durango Ave.
Malta Bend, MO 65339

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

5. Joe Hurley (660) 988-8872
or (660) 626-7824
26306 State Hwy D
Downing, MO 63536

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

7. Bryan Lillibridge (660) 638-4536
1545 NW 300
Urich, MO 64788

Non BAM Coal

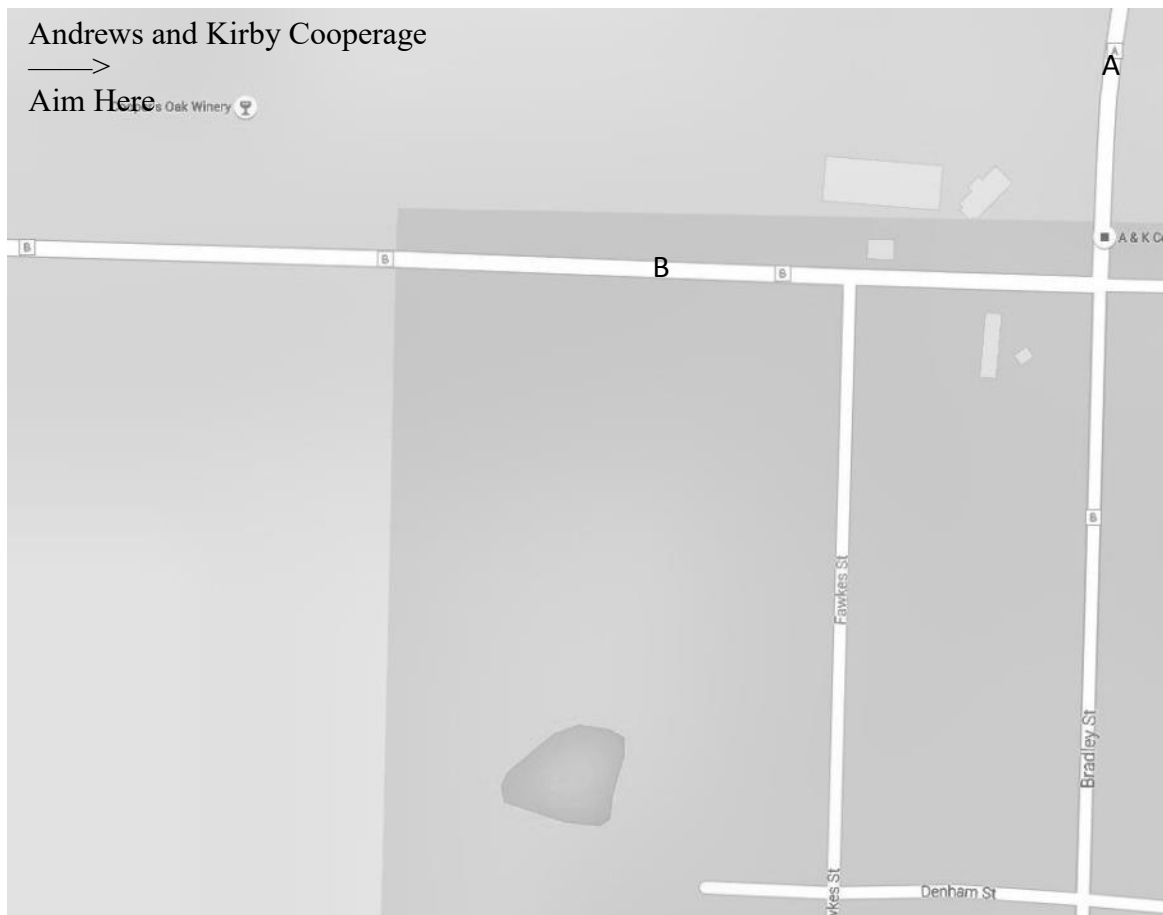
- A. Tim Johnson, Springfield, MO 417-886-8032 - \$.40/lb. check, \$.35/lb. cash. Bring your own containers.
B. Good blacksmithing coal for sale \$12 per 50# bag with bulk delivery available.
Matthias Penn Rt. 1 box 479-S Ava, Mo. 65608. (417)-543-2148.
Or e-mail tytheblacksmith@yahoo.com.

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: January 13, 2018

Dale Kirby, Andrews and Kirby Cooperage, Higbee MO, PH:660-456-7660.



Food will be available
Trade item: A Belt Buckle