

The Anvil's Horn

A Publication of the Arizona Artist Blacksmith Association

Issue No. 176 September 2015



*Gate and Fence
by
Harold Hilborn*

President's Message:

Think at the forge. Hammer at the anvil.

I was volunteering at SEEDS for Autism (shameless plug for a wonderful organization) the other day. One of the students was explaining the basics of blacksmithing to another student and he gave him that short bit of advice. Great advice! Short and right on. When you pull your piece of iron out of the forge and step to the anvil you should already have a plan, you should have your tools in position and ready to “strike while the iron is hot” as the old adage goes.

Thoughtful thinking and happy hammering.

Paul Dief

AABA OFFICERS and BOARD OF DIRECTORS

President: Paul Diefenderfer, P.O. Box 7766, Cave Creek, AZ 85327, 602-509-1543, dief@phoenixrockgym.com
First VP: Jason LaBrash, 1329 W. Lincoln St., Phoenix, AZ 85007, 602-716-9660, jason@grizzlyiron.com
Second VP: Steve Miller, 16251 N. 49th St., Scottsdale, AZ 85254, 602-989-6505, stevemiller.az@cox.net
Secretary: Terry Porter, 2310 E. Melrose St., Gilbert, AZ 85297, 480-988-2070, trp555@prodigy.net
Treasurer: Len Ledet, 24200 N. Alma School Rd., Scottsdale, AZ 85255, 480-502-9498, len.ledet@cox.cnet
Web Master: Paul Diefenderfer, P.O. Box 7766, Cave Creek, AZ 85327, 602-509-1543, dief@phoenixrockgym.com
Librarian: Pat Clark, 4149 E. Hampton Circle, Mesa, AZ 85206, 480-924-5582, pclark26711@gmail.com
Editor: Bill Ganoe, P.O. Box 40233, Tucson, AZ 85717, 520-326-5478, editor@azblacksmiths.org
Directors: Chris Contos, Bill Ganoe, Sarah Harms, Ivan Hill, Doug Kluender, Roger LaBrash, James McLaughlin, Bill Morris, Sam Rivera, Peter Sevin, John Silvestre, Ira Wiesenfeld, Gordon Williams

Demonstration
Saturday, September 19, 2015
Bill and Karen Morris' home
195 West Fort McDowell Place
Camp Verde, AZ

Mini Demos by Various Members

- Ira Wiesenfeld will discuss the progression of moving from being a hobbyist blacksmith to an intermediate/professional blacksmith. His discussion will include hints on designing original work, principles of design, variations on a theme, and finding a niche.
- Peter Sevin will be showing how he makes his lamps and mica lamp shades.
- Payne Anne Chassen will show how to make a sun flower which will incorporate texturing, welding, inflating metal with air, and shaping with a torch.

This will be a fun demo with several different concepts presented so you'll want to stay for the whole day!

Registration begins at 8:00 AM Saturday, the demonstration starts at 9:00 AM.
Registration fee: \$15 for members, \$20 for non-members

- Plenty of space is available for tent camping and limited space for dry RV camping.
- Lunch is on your own.
- Saturday night BBQ will be hosted by Bill and Karen Morris. Bring your own meat/fish/veggie burger and alcoholic beverage. Tossed salad, beans, dessert, coffee, soda, water and music will be provided.
- Tailgaters are welcome
- Bring something for Iron-in-the-Hat and the Show-and-Tell table.
Be sure to put your name on anything you bring for the Show-and-Tell table.

Places of interest in the Camp Verde area include Pieh Tool Co., Fort Verde State Park, Montezuma's Castle, Montezuma's Well, and the Cliff Castle Casino..

Remember Iron in the Hat

Thanks to all of you who have participated in Iron in the Hat. By purchasing tickets and donating items, you help support AABA events and projects. Items for donation can be a tool, piece of art, something you don't need in your shop, a great book, t-shirt, hat ... something an AABA member would enjoy.

Directions to the Morris' place

195 W. Ft. McDowell Pl., Camp Verde, AZ

- I-17 to General Crook Trail, Exit 285
- Turn right at the stop sign.
- At the next stop sign turn right onto east AZ 260.
- Turn right on Quarterhorse Lane (first right east of the bridge) about 1/2 mi..
- Turn right on Fort Apache Rd.
- Turn left on Fort McDowell (first street on the left) to 195 which is the the white house with maroon trim on the left after the road curves.

As always, safety glasses are required.

Our September Demonstrators

Ira Wiesenfeld



"I grew up the scientist in an artistic family. I didn't discover my right brain until midlife; my left was burned out and a crisis was upon me. First came the craft of blacksmithing, which I found therapeutic and immensely satisfying. Then a style of work developed that was biomorphic, botanical and branching. Finally a passion for sculpture evolved, made from forged, found, and fabricated metal.

Ten years ago I decided to get serious; I gave up my day job and began working full time in my smithy. Now I like to say that I forge and weld furniture, sculpture and anything in-between. I especially enjoy working in that in-between space, where aesthetics, function and narrative meet."

Peter Sevin

Peter Sevin has been blacksmithing professionally for over 35 years. His main focus is architectural items, including gates, railings, chandeliers, light fixtures, and firescreens but he has also made numerous chairs, lamps, and many many belt buckles. He is also a founding member of the Arizona Artist Blacksmith Association and still serves on the scholarship committee.



Payne Anne Chassen

Payne Anne Chassen is a metal fabrication artist, welder by trade since 2004, founder and admin of Angels and Anvils, an all female Facebook metal working group with just under 500 members worldwide. She is a former AABA member, a current member of the Michigan Artist Blacksmith Association, California Blacksmith Association and Philip Simmons Blacksmith Guild.



July Demo Report

Mini Demos and Challenges for Attendees

Bill Ganoe

Photos: Bill Ganoe

Over twenty people attended our July demo at the Arizona Historical Society Museum in Flagstaff. Dief started the day by discussing touchmarks. He urged everyone to start signing their work with a touchmark and to submit it to our AABA touchmark registry. He ended the discussion by making a quick and dirty, but effective, touchmark with a chisel. He drew his design on a piece of label stock, then peeled off the backing, stuck the label on a piece of steel, and chiseled along the lines of the design.

The main event was a skill challenge for attendees. Jason LaBrash set the challenges:

- 1) Given a length of 1/2" square, draw it out as long as you can in three heats.
- 2) Given a length of 3/16" x 3/4" flat, make a ring with a 2" inside diameter (without measuring while making the ring).
- 3) Given a length of 3/4" square, make a 1" cube. (Yes, that involves serious upsetting skill.)

Several members brought anvils and propane forges, and they and several others spent the morning hammering on hot steel. After lunch and the Iron-in-the-Hat drawing, the results of the morning's work was judged. Steve Miller had the longest drawn-out piece of 1/2" square. Dief had the ring and cube closest to the specified dimensions. The "winners" were given a chance to select a tong clip or leaf blank. Some of us didn't complete competitive pieces by early afternoon, but we had a good time improving our skills.

One of the items for Iron-in-the-Hat was a brownie. Grizz won that brownie, then cut it up to share with everyone who hadn't gotten enough dessert at lunch.

After the judging, Ivan Hill demonstrated a pineapple twist, and then several people picked up some of the remaining 1/2" or 3/4" stock and started to make their own pineapple twist.

Luckily, the summer rains held off until about 5 PM just as we finished clearing the area and loading our trucks.

All in all, this was an enjoyable, informative day.



Our demo was off to the left of the main Museum building.



Dief discussed touchmarks -- with a little help from Swage.



Dief quickly engraved his touchmark.

July Demo Report (cont.) Mini Demos and Challenges for Attendees



Dief's hand engraved touchmark.



Jason explained the challenges.



David Himelfarb accepted the challenges.



Steve Miller quickly got to work.



Jason worked on a ring.



Steve Miller's vise. He added a spring to Ron Kinyon's basic design.



Iron in the Hat



A bit of brownie for everyone.



Dief practiced his skill with steel chop sticks.

July Demo Report (cont.) Mini Demos and Challenges for Attendees



Comparing the drawn-out rods.



A couple of the rings.



Checking the dimensions.



Some of the good cubes.



Some of the prizes.



Not top-of-the-line, but not bad.



Ivan Hill discussed twists.



Early state of a pineapple twist.



Completed pineapple twist.

The 2015 AABA Annual Auction/Banquet is Coming

Our annual auction and banquet is coming up soon on November 14!

It will be held at Sahuaro Ranch at the Packing Shed which is near the Blacksmith Shop. Delicious steak, chicken or veggie burgers will be grilled and the side dishes will be served up pot lock style. Bring your favorite comfort food or secret recipe. Look for the registration card in the next newsletter to order your main dish.

As always, you'll have a chance to purchase some great ironwork from your fellow smiths. But there won't be any items to purchase if no one brings them. If all you can make is a key chain or a bottle opener, we want it. But if you are willing to make a table or a mirror frame, we won't refuse it either. All of your donated items will be auctioned off to raise money to help fund and offset the costs of the great demonstrators that we are having at some of the bimonthly demos over the next year.

Also, we are not looking for just forged knickknacks and furniture for our auction. If you happen to have some extra tools that you're not using or maybe they need a little fixing up, bring them with you. This is your chance to unload these heavy burdens and let someone who really needs them take them home.

As always, we still need help with this year's auction and banquet dinner. We need help with everything from planning to cooking the food. We will also need your help with equipment for cooking as well as portable heaters in case it gets a little chilly. If you need something to do or you have something to offer contact Jason and he'll get you working.

You can call Jason at 602-717-1459 or email him at jason@grizzlyiron.com.



Visit with friends



Good eats



Recognition for service to the organization



Some of the great items that were auctioned off last year.



Open Forges Around The State

Desert Rat Forge, July 12, 2015.



*"Never too hot to forge!" -- Dief
(Photo: Paul Diefendurfer)*



*Warren Weiner made a grab bar at this open forge to help his mother-in-law.
(Photos: Warren Weiner)*

Calendar 2015

September 5	Open Forge	Sam Rivera's shop	Tucson
September 19	Demo	Bill & Karen Morris' home	Camp Verde
September 20	Open Forge	Desert Rat Forge	Cave Creek
October 3	Open Forge	Sam Rivera's shop	Tucson
October 11	Open Forge	Desert Rat Forge	Cave Creek
November 7	Open Forge	To be announced	Tucson
November 14	AABA Annual Auction	Sahuaro Rance	Glendale

Classes at Pieh Tool Beginning/Intermediate Blacksmithing with Gordon Williams

September 25-27, 2015

October 23-25, 2015

November 20-22

\$455 for three days of classes, blacksmithing or knife making, at Pieh Tool in Campe Verde.

For complete details call 928-554-0700 or browse to www.piehtool.com.

Submit Your Touchmark

Submit a JPEG of your touchmark(s) to Steve Miller, stevemiller.az@gmail.com, so it can be included in our AABA touchmark registry which will appear on our website soon.

Deadline for the November issue

September 30 is the deadline submitting photos and articles for the November issue of the Anvil's Horn.

Send articles, pictures, etc. by email to:

editor@azblacksmiths.org

or by regular mail to:

Bill Ganoe, PO Box 40233, Tucson, AZ 85717

MCC Blacksmithing & Welding

The Mesa Community College blacksmithing program is an excellent deal - over 60 hours of instruction including material and propane! Saturday (Jaime Escobedo instructor) and evening classes (Dan Jennings instructor) are available. Blacksmithing is WLD 103.

TIG, MIG, Arc, Gas, and Art classes are all available, as is certification in any of those welding methods at Mesa Community College, Southern and Dobson in Mesa.

Classes fill up early. For more information go to: www.mesacc.edu

If you try to register for any Welding Department classes on line, and you find all the classes are closed (full). Contact me (Dan Jennings) at danshammer@cox.net with the class number (time and days) of the class you'd like to take - I'll get an override number so you can sign up.

Coal order

Dragonforge Ironworks has coal for sale. Good quality forging coal from the King Coal Mine in Hesperus CO.

Minimum order \$50 for 100 lbs. in lump coal form (pieces range from golf ball to bowling ball size). Bring your own containers.

Call Michael at 480.529.0206.

We store a few hundred pounds at a time in Mesa and still have several tons left in Apache Junction.

AABA Website: www.azblacksmiths.org

Open Forge: Tucson

Sam Rivera will be hosting an open forge on Saturday, September 5 and Saturday October 3, 2015, from 9 to noon. His shop is at 675 W. Helen St., Suite 1C, Tucson.

Take Speedway to Main Ave. Turn north on Main, then turn west on Helen. Helen is the first street north of Speedway. Call him at 520-591-4700 if you have trouble finding the shop.

Open Forge: Desert Rat Forge

Paul Diefenderfer will host an open forge on the Sunday, September 20 and Sunday October 11, from 9 am to noon, followed by lunch (You gotta' buy your own.) at the world famous Big Earls Greasy Eats in Cave Creek. Desert Rat Forge is at: 40218 N. 78th St. Cave Creek. 602-509-1543 or dief@phoenixrockgym.com

Directions: From the center of Cave Creek (the 4-way stop at Cave Creek Rd & School House Rd.) head north on School House 1.5 miles to Highland Rd. (If you get to the 4-way stop at Fleming Springs you have gone a tad too far.) Turn right (east) on Highland. After about 1 mile the pavement ends. Keep going on the gravel road until the pavement starts up again. Turn right through the stone walls down a paved driveway. You are there!

If You Are Attending An Open Forge...

You might not be aware but this, but these events are not funded by the AABA. They are hosted by our members for all of our benefit. So if you participate in forging, welding, use shop materials, or accidentally damaged something. Please offer to donate to help out or help with the cost of replacing a item. Thank you! From all of your open forge hosts.

Gordon Williams Blacksmith School

Gordon Williams teaches the regular 3-day classes at the Pieh Tool shop in Camp Verde. He is also teaching short (4-hour) classes and intensive 6-day classes at his shop near Camp Verde. Check out the details at www.gwblacksmithschool.com

Ride Sharing

Interested in sharing a ride to a far off blacksmithing event like ABANA 2016 to save on expenses or wear and tear on the old truck? Or would you like some company going to an AABA event just up the road? AABA VP Steve Miller is organizing a ride sharing exchange for AABA members. Email your requests or suggestions to stevemiller.az@cox.net

AABA Membership

Benefits for members include:

Reduced registration fees at demonstrations and workshops

A one year subscription to the bi-monthly newsletter, *The Anvil's Horn*

Connection to members throughout the state who can answer questions and give advice.

Free classified ads in the *Anvil's Horn* and on the AABA web site.

email notices when event details change or new events are scheduled on short notice.

AABA New Member and Membership Renewal Form

Name			
Address			
City	State	Zip	
Phone	Email		
Professional blacksmith	Hobbyist	Farrier	Blade smith
Your main blacksmithing interest			
Occupation or skill			
Please check one:			
Regular membership (\$35)			
Family membership (\$40)			

Mail to: Terry Porter
2310 E. Melrose St.
Gilbert, AZ 85297

Make Check Payable to AABA

Call to Artists

Found Object Art Show

From: greg@cormanart.com

Subject: Tucson Iron and Metal Show Sunday, November 1 from 9 - 3

Date: Wed. 13 May 2015 19:57:23 -0700

Hi Friends,

The first TIM sale went very well. We're going to do it again in November on Sunday from 9 am to 3 pm with setup on Saturday afternoon or early on Sunday.

Please put it on your calendars and plan to join us! I'll get more details out later and will need info from you as well.

Thanks. And feel free to share this email with other recycled metal artists. I know I'm missing a few names on the email!

Greg Corman

Sculpture and Functional Art
Landscape Design and
Consulting
greg@cormanart.com
www.cormanart.com

4200 N. Oxbow Road, Tucson, AZ
85745 520-603-2703



Found Object Art - Steer Skulls
Ira Wiesenfeld

Botanical Blacksmiths 2015

Photos: Bill Ganoe

At the Arboretum in Flagstaff

Here are some pieces that weren't included last month.



Calla Lilly Small
by
Liz Carlier & Josh States



Sprouts
by
Cathi Borthwick



Growing Wild
by
Cathi Borthwick

2015 Camp Verde Cornfest

Bill Morris

The CAMP VERDE CORNFEST was held on July 17 and 18 in Camp Verde, AZ. The corn is supplied by Hauser & Hauser Farms of Camp Verde and the proceeds go to the town. A record 675 dozen ears of corn were sold or donated during this year's event.

Since 2009 a group of AABA members with the support of the Camp Verde Historical Society (CVHS) has been presenting blacksmith demonstrations several times a year during Camp Verde town events. The Society donated an anvil and post vise and established a "Smithy" next to the historic Camp Verde Jail which has been restored by a group of dedicated and talented CVHS members.

This year due to an oversight on my part I neglected to request that the date of our July Demo in Flagstaff be changed so that local AABA members could participate in the CORNFEST and also attend the Flagstaff event on a different date. As a consequence Sarah Harms, Marc Larsen, Jim Sheehan, Justin Wilson and I opted to spend a toasty Saturday forging here in Camp Verde to the aroma of roasting corn rather than enjoying the cool environs of Flagstaff. At our next BOD meeting I'll request that our July Demo date be changed permanently.

The next Camp Verde blacksmithing event will be during Fort Verde Days in October, but you should travel to Camp Verde now and get some delicious Hauser corn.



Gallery

Maurice Hamburger
Photos: Maurice Hamburger



Copper bracelets made by folding very thin material



*Light duty pry bars or burgler tools?
Inspired by Brent Bailey box end poker.*



*Utility knives made from old style wrenches.
Made from mid-carbon steel? Spark test shows
that some are cast steel.*



Garden tool?

Gallery (cont.)

Paul Diefenderfer
Photos: Paul Diefenderfer



*Before
Original gate*



*After
Gate by Paul Diefenderfer*

Exploring Old Mines

Steve Miller

You never know where you'll encounter a blacksmith's work. This summer I was backpacking the Olympic Mountains in Washington. This is a beautiful part of the state with temperate coastal forests starting at sea level and alpine tundra up to 7000 ft. One of our campsites was at Copper City, a mining town abandoned in 1910. The miners attempted to follow a copper vein about a 1/4 mile into Tall Mountain they dug up. Unfortunately, they hit an aquifer and water gushed from the ceiling. As a result the mining stopped in 1910. That water still flows today, and it is about 4 inches deep across the opening coming out of the mine.

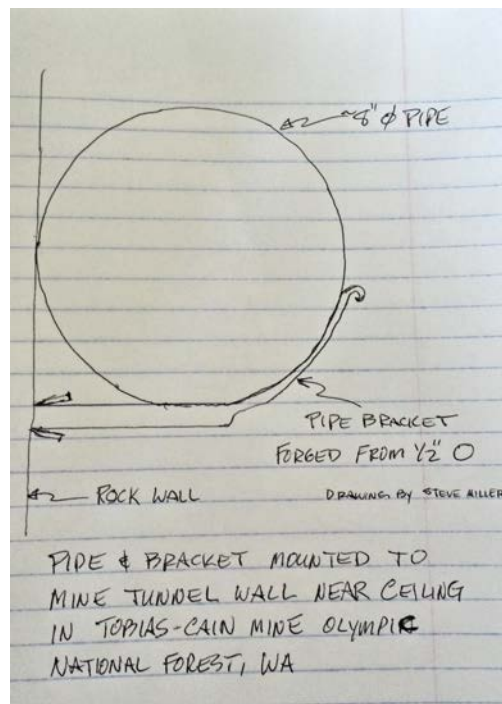
We waded in with our guide to explore the miners' work. One of the first things I noticed was the mine cart tracks. The base was wood with a 2 inch flat bar nailed to the top for a rail. There was also some of this bar laying around. I salivated about it thinking it must be real wrought iron. However, it would not fit in my backpack, and it is illegal to take.

Further into the mine there was an 8" pipe fixed to the wall near the ceiling. Brackets wedged into the wall

held the pipe in place. I immediately recognized the bracket design as being made by a blacksmith. It looked like what my instructors had taught me in blacksmith school.

It was made of 3/4 round bar. A length had been laid over the edge of the anvil and flattened to half thickness then tapered. The tapered end was rounded and curled over. The top and tapered portion was then formed to fit the bottom of the pipe. The other end of the 3/4" bar was placed into a hole drilled into the rock wall and wedged in place.

Seeing a bit of blacksmithing history in the back country of the Washington Olympics was a surprise and certainly exciting. My fellow hikers didn't share the passion I had for this discovery, but they did become more educated about the importance of blacksmithing in our history. More pictures of the mine and its history can be found by searching online for the Tobias-Cain Mine in Washington. [I couldn't find much about "Tobias-Cain Mine", but there are a lot of hits for "Copper City" "Washington". - ed]



Artist-Blacksmith Association of North America

Blacksmithing, the cornerstone of all crafts for centuries, has come back to life. Once rendered nearly obsolete by the Industrial Revolution and 20th Century technology, this ancient craft has undergone a contemporary renaissance. A new appreciation of the honest, enduring qualities of forged metal has developed.

At the heart of this revival has been the Artist-Blacksmith's Association of North America, Inc., a non-profit educational association dedicated to the dissemination of knowledge about the art and craft. Started by a handful of isolated blacksmiths in Georgia in 1973, ABANA now serves nearly 4,000 members.

As part of your Membership Benefits you will receive 4 issues of the Anvil's Ring and 4 issues of the Hammer's Blow Magazine each year you are a member. These magazines can not be subscribed separately but are only received by our members. We have recently added a youth membership at a reduced rate, this membership available to those 18 or under includes a subscription to only the Hammer's Blow magazine.

ABANA New and Renewed Membership Form:

Name: _____ Membership ID# _____
for renewals, if known. (Not required)

Street: _____ City: _____ State/Prov: _____

Zip/PC: _____ Country: _____ Phone: (____) _____

Email: _____ Website: _____

☐ New

☐ Renewal Type _____ Amount \$ _____

Card Number _____ Exp. Date _____ CVVS _____
_____/_____/_____

ABANA Affiliate: _____

Credit card orders can be faxed, be sure to sign this form. Fax: 423-913-1023

Mail to: ABANA, 259 Muddy Fork Rd, Jonesborough, TN 37659 USA

(Please pay by Check, U.S. Money Order or Credit Card)

Phone: 423-913-1022 or join online at www.abana.org

Membership Rates

Type	1 yr	2 yr
Regular	55.00	105.00
Senior	50.00	95.00
Foreign	65.00	125.00
Student(Full Time)	45.00	85.00
Youth (18 and Under)	20.00	
(Hammer's Blow Only - Non Voting Member)		
Contributory	150.00	and UP
Educational Institute	250.00	

The Arizona Artist Blacksmith Association is an affiliate of the Artist-Blacksmith Association of North America.

Classifieds

Classified ads are free to members and can be submitted by email to: editor@azblacksmiths.org

Marketing Assistance

Blacksmith's Wife Marketing provides marketing and promotional services, in both digital and print, to the metal working community. Also providing website design and consulting services. Contact April Witzke at (575) 535-4766 or visit www.blacksmithswifemarketing.com

For Sale in Prescott

588 lb. English coachmakers anvil
4 1/2" Wilton combination vise
Miller Legend welding machine on trailer with tongue box and mounted 4" Wilton vise
Hypertherm PowerMax 1000 plasma cutter w/cart, leather host cover

Brian Hughes
928-717-8247
brian@artsmithing.com

For Sale

FORGE-APRONS, the stylish blacksmith apron that can be Custom-Sized, Personalized or Customized with three designs to choose from and FREE shipping. Visit forge-aprons.com or call James Patton, 575-313-4650

Interesting Web Links

In the July 2015 issue of *The Anvil's Horn* Steve Miller described making a touchmark stamp by electro etching a design on a rod that will be used as the stamp. Here are some links demonstrating electro etching a design (touchmark) directly on a work piece without using a stamp.

* A video on electro etching a touchmark on a knife using a nine-volt battery and a Q-tip saturated with a salt water solution. Use masking tape to make a stencil for your design.

<https://www.youtube.com/watch?v=bV-PItEcLXY>

* Another video using a little more sophisticated approach to creating the stencil and doing the etching.

<https://www.youtube.com/watch?v=79r7iX1Qm1M>

Classifieds

Classified ads are free to members and can be submitted by email to: editor@azblacksmiths.org

For sale

Victor Gas Rig+ gas saver, includes hand truck, gas saver pedestal and tanks. Tanks are almost full, the hand truck may need new tires. I have the green tool box the victor rig came in. Rig has been kept covered from the weather and is in good, serviceable condition.

\$500 firm for everything

Call Kurt, 602-526-0814 or e-mail, kperry9823@centurylink.net for more details.

For sale

Propane forge, 2-burner, made in one of Doug Kluender's forge workshops.
Miller Dialarc 250, power source for TIG or stick with cables, remote foot control, argon bottle and regulator
100 lb. anvil
Hand shear

Jack Friehe, 623-466-9889

Leftovers From The Closing And Sale of My Shop

I closed my shop last May and sold almost all of the stuff. I am left with what was on the floor and now that I have moved and have no place to store the stuff. I am selling the stuff at scrap metal prices. I have some machines also. Here is list: first the electric tools: 1) A bench sander for knife tooling with a 1" belt and a side plate sander. The belt is 180 inches so it lasts a long time—made by United Tools, 2) a bench sander with a new stone and a good wire wheel. The hand tools are: 4 18" tongs and 1 huge tong said made for mounting the steel rims on wagon wheels, 7 hammers with handles and 7 with no handles, two lower hardies and 12 upper hardies, a brass mallet and a lead mallet, 1 side axe head. There are two auger drills with chest pressure plates. I will consider any offer and would like you to take it all at once—you will get a good cut then.

Call me at 480-994-3134 or email me at rbgilsdorf@gmail.com.

Picture Rock Arizona Sierra Banded Sandstone

makes the perfect base for all your forged iron pieces. Awards, plaques, memorials, water features, furniture or anything you can imagine.

Mined in northeastern Arizona, cut and shaped to your specifications.

Terry Horne
500 E. 38th Ave.
Apache Junction, AZ 857119
602-672-7085
www.arrowzonastoneworks.com

Will buy your unwanted blacksmith or horseshoeing tools and supplies.

Barry Denton, 928-442-3290 any day before 7:00 pm.

Forging Coke for Sale!

High quality L-Brand coke
\$30 per 50 lb bag

Rodger or Jason, 602-716-9660

Sources

Tucson Iron and Metal

Steel, aluminum, stainless, copper and brass for sale by the pound. Open Monday - Friday 8 - 4:30. Also 1st and 3rd Saturdays 6:30 - 8 am. specifically for metal artists.
690 E. 36th St., Tucson, 520-884-1554

Bar U Bar Supply

Several 65 lb. & 85 lb. swage blocks for sale. Your source for anvils, post vises, and other new & used blacksmith tools.
Barry Denton. ph 928-442-3290
email: barubarranch@gmail.com
website: www.barubar.com

A Copper Rose Metal Art

Chasing/Repousse Pitch
Debra Montgomery
www.chasers-pitch.com

Brent Bailey.

A blacksmith in California specializing in custom tools and ornamental forgings for artisans.
www.brentbaileyforge.com

Pieh Tool Company, Inc.

Blacksmith Supplies, Blacksmith Classes with Gordon Williams, Milwaukee, Wilton & JET Tools, Air Hammers, Hand Hammers, Tongs, Books, Coal and Coke.
661 Howards Road, Suite J
928-554-0700
www.piehtoolco.com

IMS

Full service supplier of steel, stainless, brass, aluminum, copper.
5150 S. 48th St., Phoenix
602-454-1500
3757 E. Columbia St., Tucson
520-441-5900

Pacific Insulation Company

Supplier of high temp insulating materials, bricks, Kaowool and other refractories.
215 S. 14th St., Phoenix.
602-276-1361

Vern Lewis Welding Supply

Discount pricing for AABA members. Various locations in the Phoenix area.
602-252-0341
Dan, 602-316-4140, for tech support.

Interstate Steel and Salvage

Specializing in Steel, Aluminum, Stainless Steel, Brass, Copper and some alloyed metals of all types, sizes and shapes. Cutting, Shearing and advanced Flow water jet cutting for all your project needs. Valley wide delivery. Let us quote your next large or small job!
12129 W Peoria Ave, El Mirage
602-944-2000

AZ Tool Steel

520 S. 52nd Street #201
Tempe, Arizona 85281
Phone: 480-784-1600
Toll Free: 877-795-1600

Arizona Artist Blacksmith Association
Attn: Bill Ganoe
P.O. Box 40233
Tucson, AZ 85717
Address Service Requested

NONPROFIT ORIGINIZATION
U.S. POSTAGE PAID
PHOENIX, AZ
PERMIT NO. 5531

The Anvil's Horn is the official newsletter of the Arizona Artist Blacksmith Association. Published every other month preceding the bimonthly meetings of the Association, the newsletter is oriented toward anyone interested in blacksmithing and related forms of metal work. Membership is available at the rate of \$35 for individuals; \$40 for families and includes a subscription to the *The Anvil's Horn* for one year. Every attempt has been made to ensure accuracy of information appearing here, but no liability is assumed by the Association, its officers or editor for errors, damages, or injuries resulting from any design, use, construction or application of said information. Uncopyrighted material may be used freely by other similar organization provided proper credit is given. Any copyrighted articles appearing herein should not be reproduced without permission of the author. Matters relating to newsletter submissions, corrections, etc. should be addressed to the editor: Bill Ganoe, P.O. Box 40233, Tucson, AZ 85717, Tel: 520-326-5478, or editor@azblacksmiths.org.

For membership information or address change, contact: Terry Porter, 2310 E. Melrose St., Gilbert, AZ 85297, 480-988-2070, trp555@prodigy.net