



FORGE

Dedicated to the revival of the "King of Crafts"

Vancouver Island Blacksmiths

www.vibblacksmiths.com



Don't Miss the Demos

January 20-21, Jorgen Harle. Powerhammer Workshop. hands on style clinic for the hammer, going to cover tooling, use of different dies etc.

6 people/day, \$40/day.

If we get more than 12 people interested Jorgen is happy to go extra days.

Jorgen is a highly proficient smith based on Orcas Island. He has rebuilt countless hammers and knows how to maximize your efficiency and sharpen your skills, it is highly recommended you attend this demo.

February 3-4, Daniel Orton. Sheet Metal Development Demo. standard style demo, \$40 for 2 days, \$20 for one.

Daniel will be explaining and showing how to raise forms in sheet metal, from 2 dimensions to three. Includes pattern making and tooling. Daniel will be one of our demonstrators at CanIron. Come and see him now and you won't have to worry about missing him in June. You've seen his work.. now see how he does it!!

COMING EVENTS

January 20 & 21, 2007—Jorgen Harle Powerhammer Demo.

January 28, 2007—VIBA's Annual General Meeting. Starts at 11 AM with two executive positions to fill. Luxton Fairgrounds.

February 3 & 4, 2007—Daniel Orton Raised Forms Demo

February 25, 2007—VIBA meeting starting AT 11 am. Luxton Fairgrounds.

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...don't forget to pay your annual membership dues...

2006 - Executive

President: Keith Kupitz 478-4095
Vice Pres.: Charlie Low 479-6712
Secretary: Clint Montgomery 360-6910
Treasurer: Raynier Pipke 743-9945
Librarian: Skip Kennedy 478-8172
Editors: Sandy Sydnam & Dennis Gillett

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Submissions & Contributions

Submissions to "Forge" can be made at any monthly meeting or by snail mail to:

VIBA - The Editors
1040 Marwood Avenue
Victoria, BC Canada
V9C 3C4

OR

Email: sydnam@telus.net
Email: dgillett@shaw.ca

OR

Fax: (250) 642-7055



President's Report

By: Keith Kupitz

January 16th, 2007

I would like to express my sincere thanks to the club members and the support you offered during my term as President. A special note of thanks to Ray for taking over the task with the ABANA Conference tickets this past summer.

While you are all considering who will be your next President, here are my suggestions:

1.) It would be my hope that your pondering takes you to a Computer Literate nominee. In this era it is an absolute necessity and I'm sad to say the computer is one of my shortcomings.

2.) See item number one.

Prior to the VIBA AGM on January 28th I will host a small ABANA Auction with several items sent on to us from the summer conference.

Happy Hammering



Secretary's Report

By: Charlie Low

Minutes Nov. 26, 2006

Due to the inclement weather, attendance was light, but still there were about 10 hardy souls who turned out.

For show and tell, Bonoit brought candelabra, free standing, with room for 3 large candles, and a set of fireplace tools. Willy brought a twisted and forge welded wheat head, Ray brought a puzzle, made from horse-shoes, and Dennis brought a bunch of aluminum mini-anvils

There were no minutes from the last meeting, and no treasurer, so no treasurer's report

Minutes Nov. 26, 2006 (con't)

Business: The Farmers Institute installed drains around the shop. They would like us to install gutters and a downspout. President Keith agreed on our behalf.

New business: Jake and Sandy both have their shops open today (Nov 26) for the stinking fish tour- We agreed that they were probably not going to be doing much business in the snow. Dr. Dave resigned from the Caniron VI committee, though he will be available to help out from a distance- he is going to be away. His children have suddenly gone into the reproductive mode, so he has one grandchild on hand, and another due, which means he is going to be where the action is. He got a round of applause from the grand-baby deprived in the crowd.

The West Shore Arts Council sent a letter requesting we renew our membership. It turns out that Neil was at the meeting last night, and paid us up to date. The club will reimburse him. The Arts Council will assist with the Caniron art gallery.

Committee report: Neil said that the final letters are ready to go out to the demonstrators who have verbally agreed to be at Caniron. He regrets Dave's resignation- he has done a lot of good work. As the folk-fest is off, we look like we will have the pick of their tents, and we already have some tents on hand in the triple wide trailers. Poles have been acquired to put them up, but they need some hands-on, Glen Jones of Shawnigan Lk will coordinate that. Catering is all set up with Goldstream Catering. Cost to attend Caniron have not been completely determined yet, but admission is likely to be in the \$275.00 range, and a complete meal ticket about \$120.00. Meals will also be available on an individual basis. Dave brought up the subject of insurance. It was agreed that we need coverage, and the subject will be looked into.

I stated that I cannot be president the next time around- I am still working full time- hoping to cut back to half time sometime and only work 12 hour days, but in the meantime, I am busy. I also lack the talent, in my own estimation, and can think of several other people who would do a much better job, so anyone who wants to volunteer should put their hand up at the Jan meeting.

Metal Daisy

by Michael Wollowski
Wabash Valley Blacksmith Shop

My wife loves flowers. When she suggested that we ought to replace the drapes on our front door, I volunteered to make a curtain rod with flower finials. Figure 1 depicts one of the finials, it is modeled after a design we saw on a garden gate in Germany. The bloom on the gate was welded to the stem, something I wanted to avoid. This turned out to be an interesting challenge.

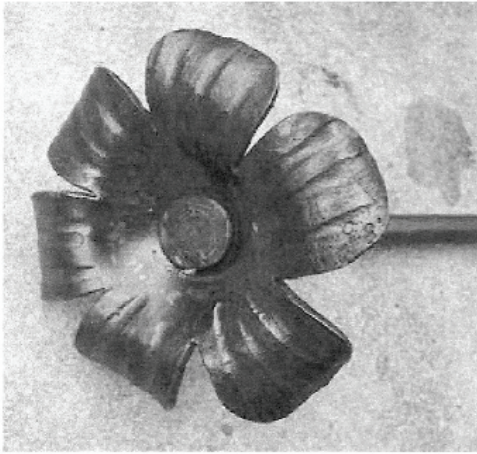


Figure 1: Metal daisy

For materials, you need a 9" garden spike and a 4"x 4" piece of sheet metal, about 1/8" thick. Figure 3 shows the pattern that you need to cut (reduced by about 25% so that it fits on this page.) It helps to round out the space between the petals with an angle grinder. Once cut, you are ready to forge the bloom into shape. Begin by progressively flattening the petals. This will give the edges a more delicate appearance and will widen the petals. This step will also close up the space between the petals.

A cross-peen hammer will do as a fuller for putting the patterns into the petals. Since our swage block does not have the appropriate form, we used a slightly rotten stump as our swage block and a large ball-peen hammer as our fuller to form the cup in the center of the bloom. (Tex

came up with this idea.) You are now ready to gently bend the petals. Punch or drill a hole in the center of the bloom ensuring that the spike fits snugly.



Figure 2: Upset stem

Attaching the stem to the bloom took several attempts. In one of them, I cut the spike head and formed a tendon. While this worked, the resulting head was much smaller than the original spike head and was out of proportion with the bloom.

I ended up cutting the spike about 3/4" from the head and ground down the remaining shank so that I could cut a 1/4 coarse thread onto it. I upset the cut end of the spike, drilled a hole in it and tapped it. Not my favorite solution, but it works. The result can be seen in figure 2.

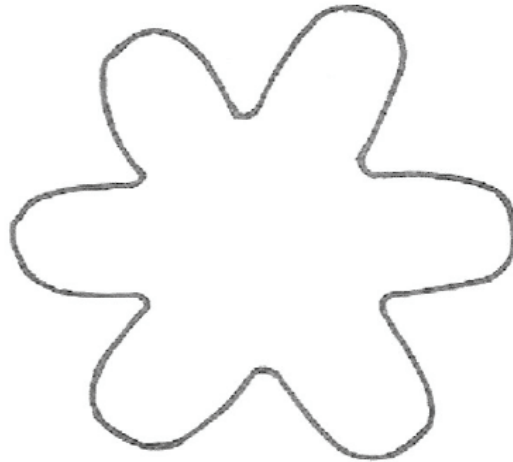
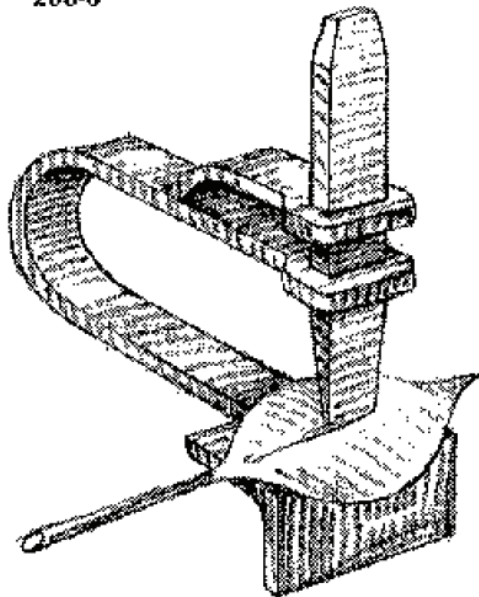


Figure 3: Bloom pattern (reduced by 25%)

A Very Nice Grooving Tool

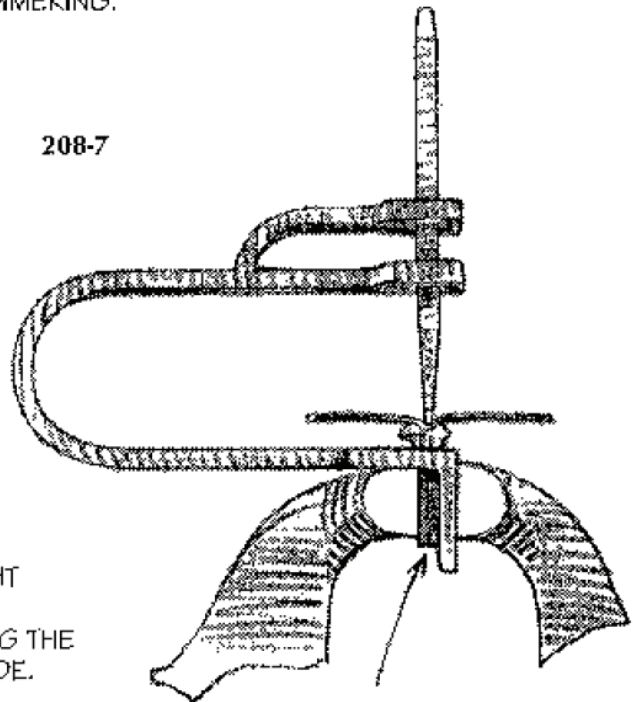
From The Blacksmith Journal By Jerry Hoffman

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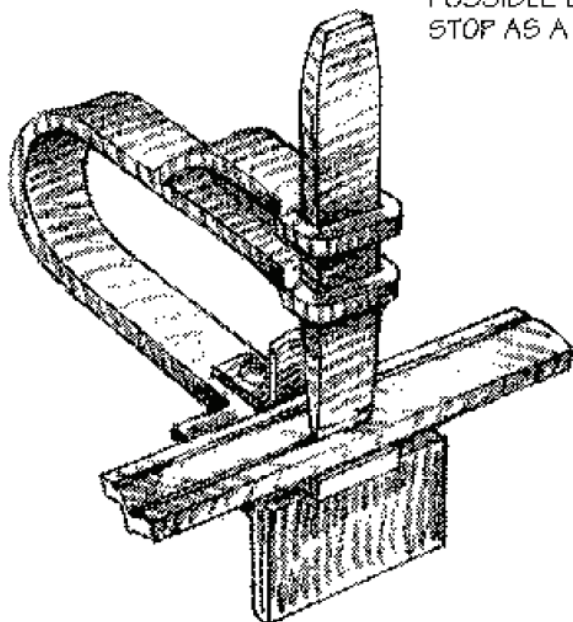


REPOUSSÉ GROOVING IS DONE COLD BY DRAWING THE STOCK THROUGH THE PUNCH AND DIE WHILE HAMMERING.

208-7



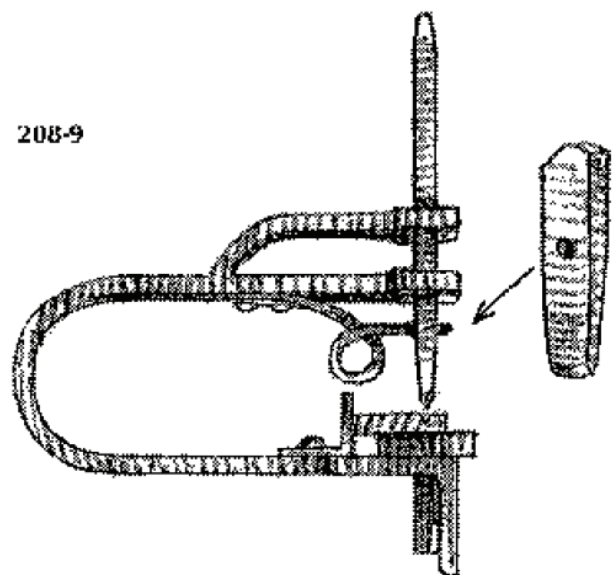
208-8



GROOVING LIGHT STOCK HOT IS POSSIBLE USING THE STOP AS A GUIDE.

CLAMPING THE TOOL IN A VISE HOLDS THE BOTTOM DIE IN PLACE.

208-9



A SPRING FOR HOLDING THE PUNCH UP WHILE MOVING THE STOCK IS HELPFUL WHEN HOT GROOVING

Show and Tell

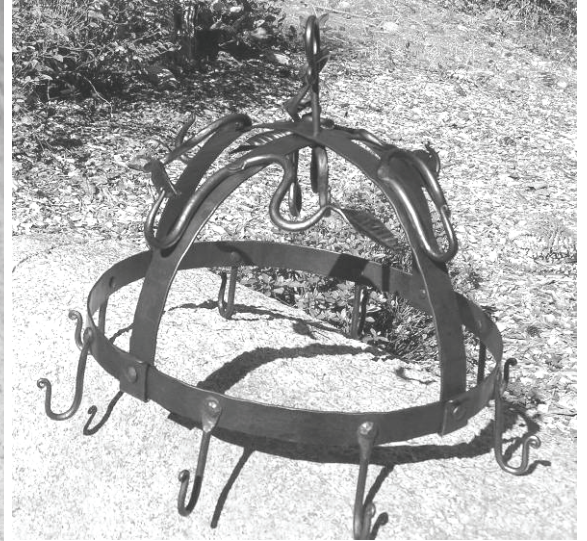
Photos by D Gillett



Benoit's Candle holder



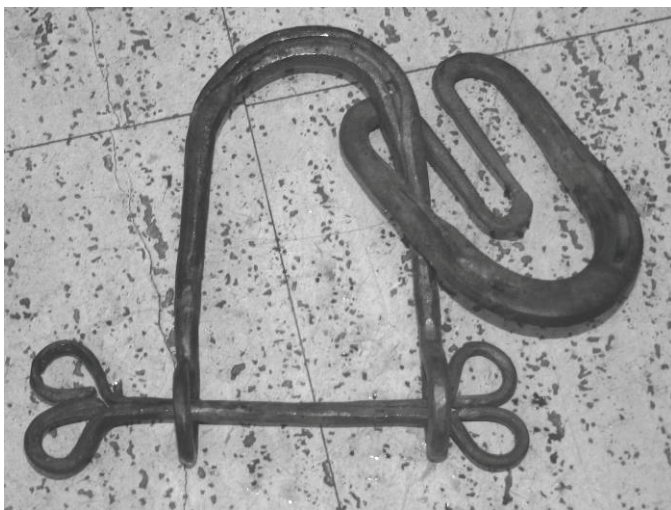
Benoit's fireplace tools



Garnet & Vince's Pot Holder



Willy's wheat stalk



Ray's Puzzle from 3 horseshoes

File Work Patterns

By Curtis M. Wilson

File work has been used for many years and by many knife makers to enhance their work. The following are a few original patterns and some of my own. One of the best things that I have found to use as a practice item is aluminum. Use either a blue or black magic marker or metal blue die-chem. Then you can lay out the pattern. To lay out the pattern I use a flexible metal 6 inch ruler and a scribe.

Patterns can be of a geometric type or of a specific item. I have found that jewelers files work well but must be of a good quality, also chain saw files work very well for the round cuts and they come in two sizes. I have read many articles on file work, as well as demonstrated file work during a class given by: Johnny Stout and Harvey Dean. During the class I actually demonstrated file work doing a Wrap-Around Rope pattern on the spine of a folder blade thus no need for a nail nick as the bottom edges of the rope acted as a nail nick for either the right or left hand.

Some of the files used must have one thing done to them to work best and that is to actually grind smooth one side of them: 1) the triangle file - one side flat, 2) the flat file - one side edge flat, 3) the square file - one side flat. -(You will notice as you cut that the edge against the flat or smooth side will cut cleaner and quicker.) Also you will need to cut away from some of the points without actually cuffing into the point of its origin and the flat side of the file will allow you to do just that.

The following is a list of patterns and of the files used to make them: # 1) Tusk Walking (A) 1/2 Round File or an Oval File; (B) Triangle File with one side smooth; (C) Flat File or the flat of a Triangle File. First cut is A, Second cut is B, third cut is C.

2) Horns Walking (D) 1/2 Round File; (E & F) Triangle File. First cut is D, Second cut is E, Third cut is F.

3) Split Horns (G) 1/2 Round File or Oval File; (H & I) Triangle File; (J) Oval File. First cut is G, Second cut is H, Third cut is I, Forth cut is J.

4) Claws (K) Round File, 1/2 Round File, or an Oval File; (L) Triangle File. First cut is K, Second cut is L1, Third cut is L2.

5) Arrow Heads (M & N) Triangle File; (O) Oval File - Oval Edge. First cut is N, Second cut is M, Third cut is O.

6) Rope (P) Round or Oval File; (Q) Triangle File. First cut is P, Second cut is Q. The Rope pattern is basically an elongated S cut, then another one connecting the two points, with a thin cut connecting the two points to give it the braided or thread appearance

7) Wave-Broken Double Cut (R) Oval File or 1/2 Round File may be used; (S) Triangle File. First cut is R, Second cut is S.

8) Double cut (Either alternating file cuts or the same for both sides.) (T) Triangle File; (U) Round or Oval File.

9) Wave - Saw Tooth M Round File. Only cut even side cuts.

10) Double Wave (W) 1/2 Round File or Oval File. Only cut odd side cuts (alternating).

11) Large Wave - Broken Double Cut. See #7.

12) Bat Ears Wave. Modified # 11. *

#13) Modified Bat Ears Wave. Modified # 12.

14) Zulu Spear (I) Triangle File; (g) Sharp V File; (h) Oval File; (o) round File. Note the Sharp V file is a very thin V-shaped file with a smooth back (it only has one cutting edge), sort of a flat triangle file with two sides smooth.

#15) Vine Patterns like the in the side illustration will normally move toward the tip or the point of the blade. They can also be used with engraving and scrimshaw, to give an overall scene. Which is what I have done here with this sketch of a work in progress.

CanIron VI SPOUSAL PROGRAM

The “spousal program” has been created to provide hands on craft activities for male or female spouses and family members who may not have an interest in the blacksmith program. To sign up for one or more of the spousal craft programs one must have paid the spousal registration fee. The spousal registration fee provides unlimited access to the blacksmith demonstrations, the wheelwright and farrier demonstrations, the gallery, the forging competitions, the musical entertainment, the auction and the Sunday, July 1, banquet. Each of the craft programs has its own additional fee. This fee is indicated below. The craft programs are outlined below.

THE CRAFT OF FELTING BY ISABELLE TIPTON

PROJECT: produce a felt bag or pouch of predyed or natural fleece.

CLASS TIMES: Friday, June 29 1:30 pm to 3:30 pm or Saturday, June 30 9am to 11:00 am. (The project is the same for each class.) *MAXIMUM NUMBER OF STUDENTS PER CLASS :* 10.

RESTRICTIONS: Minimum age is 8 years old. No previous experience necessary.

COST: \$20 per two hour class. All equipment and materials are included.

INSTRUCTORS BIOGRAPHY: Isabel has been involved with textiles for a very long time, having learned to knit about grade 2, and progressing to weaving, dyeing, spinning .She now works as a Textile Artist. She has dyed for Hand weavers since the early 80’s, but now works only for her own satisfaction in the dye field. Felting is the current rage amongst fiber people, and this is a chance to be introduced to 3 dimensional felting.

MAKING REED BASKETS BY GRETTA RUTH

PROJECT: produce basket made of reeds.

CLASS TIMES: Sunday, July 1 9:00 am to 11:00 am and 1:30 pm to 5:00 pm.

MAXIMUM NUMBER OF STUDENTS: 10

RETRICIONS: Minimum age is 8 years old.

COST: \$35 - includes both the morning and afternoon class.

INSTRUCTORS BIOGRAPHY: Gretta has been a member of the Weaver and Spinners Guild since 1980. She has taught at the University of British Columbia and has given student workshops at many local high schools.

ADDITIONAL NOTE: If you have any of the following tools please bring them along; knife, needle nose pliers, awl, scissors, small beveled wire cutters, tape measure, waterproof pail, pencil.

LAVENDER AND HERBS BY LYNDA DOWLING

1. *LAVENDER WREATH* Friday, June 29 1:30 pm to 4:30 pm. \$75.

Hands on for the lavender lovers. Wreath base, ribbon and fresh lavender all provided. Come sit under my grandfather’s apple tree and leave with a piece of Heaven. 15 spaces.

2. *EXOTIC HERBS AND EDIBLE FLOWERS* Saturday, June 30 9:00 am to 11:30 am. \$50.

Become a gourmet genius as we go beyond the classic herbs and learn how to eat a Rainbow of tastes and colors. Revitalize your herb patch of chives, mint and parsley! Learn growing, harvesting and using. Bring a favorite recipe to share ... Theory and Taste tests. 20 spaces.

3 *EASY HOMEMADE COSMETICS* Sunday, July 1, 9:00 am to 11:30 am \$75

Enter the world of aroma therapy plus incorporate your home grown garden botanical goodies. Hands on projects include creating a personal hand salve, lip balm and spritzer. Learn the theory , plus recipes for these and other delightful projects. A personal garden not a must to make these again at home. 15 spaces.

3. *LAVENDER, LAVENDER, LAVENDER* Monday, July 2, 9:00 am to 11:30 am \$50

Grow it, Harvest it, Use it! All you wondered about lavender for success and pleasure. Your choice: Canadians take home plants or if you are an international visitor, take home a dried lavender tea blend and a cooking blend. (The USA does not allow live plants across the border for Agricultural protection. But fresh bundles of lavender are allowed. 20 spaces. **Special: take all four classes for \$200***

Please check our web site www.happyvalleylavender.com All classes are held on site at the Happy Valley Lavender Farm just a 5 minute drive away from the blacksmith conference. (You are more than welcome to set up your own picnic lunch on the farm at classes end. Please request a guest pass for your significant other.) The farm is a 2 ½ acre oasis of Lavender and gardens. In case of inclement weather, you can still take the class in the protection of a small greenhouse. Tea and coffee will be served at all classes and most likely a Lavender goodie. Lynda Dowling has been seduced by Lavender for 20 years now and loves to share her passion for all growing things and projects to extend their enjoyment into your home.

PAPER MAKING WITH PLANTS BY PAT COOK

PROJECT: This class will focus on the variety of handmade papers that can easily be made with different fibers. Students will work in the Western style of handpapermaking. Fibers such as cotton rag, abaca, kozo, grasses and blends of two fibers together will all be used. By keeping the same size of paper for each sheet there will be a wonderful collection for each participant to take home. All materials and equipment will be supplied. Please wear comfortable layered clothing and sturdy shoes to stand in. Bring your lunch and an attitude for fun.

CLASS TIMES: Saturday, June 30, 9:00 am to 11:30 am and 1:30 pm to 5:00 pm Sunday, July 1, 9:00 am to 11:30 am and 1:30 pm to 5:00 pm *MAXIMUM STUDENTS PER CLASS:* Minimum number of students per class is 6; Maximum number of students per class is 8. *AGE RESTRICTION:* Minimum age is 14 years.

COST: \$140 per students. Please note that all four time periods (morning and afternoon on June 30 and July 1) are included in the course.

INSTRUCTORS BIOGRAPHY: Pat Cook has been making paper by hand for about 20 years. Her skills have been learned in various countries such as Japan, Australia, USA and Italy. Her home studio is purpose built and she gives lectures and workshops to interested groups. Although there is an Asian influence in Pat's work she is also known as a "Book Artist" The importance of tradition and high standards in paper making continue to be taught by Pat.

TRADITIONAL METIS LEATHER AND BEAD WORK BY BRIONY GODDARD

THREE UNIQUE CLASSES ARE OUTLINED BELOW

1. *VICTORIAN RIBBON BROACH:* Saturday, June 30, 9:00 am to 11:30 am. \$18

Ribbon and beads are combined simply or very elaborately to make this broach. Maximum 15 students.

2. *BEADED EDGED SOFT LEATHER POUCH:* Saturday, June 30, 1:30 pm to 5:00 pm. \$27. Create a colorful bead edge and fringe on soft leather. The pouch can be designed for use as a holder for eyeglasses, cell phone, scissors or something else that suits your need. Maximum 10 students.

3. *METIS FLORAL BEADWORK:* Sunday, July 1, 1:30 pm to 5:00 pm. \$25.

Learn how the "Flower Beadwork People", using complex designs, created beautiful decorated clothing. The techniques learned in this class can be used to decorate clothing of other materials and even enhance the beauty of quilts.

AGE RESTRICTIONS: Minimum age is 16 years old.

INSTRUCTOR BIOGRAPHY: Sewing has always been Briony's passion: whether making everyday clothing, bridal gowns or quilts. When Briony became involved with the Victoria Black Powder Club she started making costumes for family and friends and this grew into a business making historical clothing for re-enactment groups all over Canada. Briony has been fascinated with Metis and First Nations beadwork for many years and stated incorporating beadwork into the clothing. This has now become the main focus of her business: creating custom leather and wool coats, jackets and other items with Metis beading and embroidery. She offers classes in quilting and embroidery. She also works with the Vancouver Island Metis Associations, teaching beading and other crafts, as formal classes. She also teaches at the Red River West Rendezvous each summer.

GLASS BEAD MAKING BY AVI WINESTOCK

PROJECT: To make highly decorative glass beads using an oxypropane torch heat source and colorful glass rods from Italy. Glass bead making is magical, exciting and peaceful all at the same time. It allows you to be very creative with colors, shapes and designs. Its also very easy to learn. Participants should wear all cotton work type (old) clothes. Each student will take home several different beads.

CLASS TIMES: There will be three separate beginners courses from 9:00 am to 12:00 noon on Friday, June 29; Saturday, June 30 and Sunday, July 1.

MAXIMUM NUMBER OF STUDENTS: 6 per class.

AGE RESTRICTIONS Minimum age is 16 years old.

COST: \$125 for each 3 hour class. The fee includes all safety equipment, individual torch stations supplied with all the necessary tools and a large selection of gorgeous Italian glass rods.

INSTRUCTOR BIOGRAPHY: Avi Winestock has been teaching glass bead making at a local Victoria high school for the past 4 years. By experimenting with many different colored rods she has created fantastic beads of brilliant colors and imaginative designs. Using jeweler's techniques Avi has made necklaces, bracelets and broaches with her beads. Avi will have you safely making glass beads within half an hour of the start of the class.

**Vancouver Island Blacksmith Association
Membership Application**

Name: _____

Address: _____

City: _____ Prov./State: _____

Post/Zip Code: _____

Email: _____

Phone: (____) _____

Fax: (____) _____

Are you a: New Member Renewal

Regular Membership \$30.00 Annually

Contributory Member \$100.00 Annually

Members are required to sign a Liability Waiver
Make cheques or money orders payable to:

**Vancouver Island Blacksmith Assoc. (VIBA)
1040 Marwood Avenue
Victoria, BC CANADA
V9C 3C4**

**Artist Blacksmiths Assoc. of North America
Membership Application**

Name: _____

Address: _____

City: _____ State/Prov.: _____

Zip/Postal Code: _____

Phone: (____) _____

Fax: (____) _____

- Full Time Student.....\$35./year
- Regular Membership.....\$45./year
- Senior Citizen (age 65+).....\$40./year
- Overseas Surface Mail.....\$60./year
- Oversea Air Mail.....\$80./year
- Contributory Membership.....\$100./year
- Public Library Subscription.....\$35./year

Credit Card Payment

Card No. _____

Visa Mastercard

Expiry Date: _____

Signature: _____

by Phone: (706) 310-1030

by Fax: (706) 769-7147

Mail: ABANA, P.O. Box 816,
Farmington, GA, USA. 306380816



June 29—July 02, 2007
Victoria, B.C. Canada
Vancouver Island Blacksmiths Assoc
www.caniron.ca www.viblacksmiths.com

Canada's biennial blacksmithing conference will take place this year in the city of Victoria on beautiful Vancouver Island. It will be hosted by the Vancouver Island Blacksmiths Association.

Featured demonstrators include:

Richard Bent FWCB, Paul Thorne, Jake James, Daniel Orton, Joe Delisimunovic, Peter Fuller, Al Bakke, Renato Muskovic, Tony Austin, Doug Newell.

We also have a hands on forging/teaching area, repousse' teaching station, demonstrations by the Western Canadian Farriers Association and the Western Canadian Wheelwright Association.

We have arranged for hands on craft classes for spouse/family members, including basketry, felt making, mosaic art, quilting, fragrant wreath making, broom making, traditional metis beading and glass bead making.

Camping & R/V parking will be available on site, offsite dorm rooms at the Royal Roads University, b&b's and hotel/motel rooms close by.

Test your skills at the standards of **THE WORSHIPFUL COMPANY OF BLACKSMITHS!!** (est. 1352)
As part of CANIRON VI we will be hosting an **ADJUDICATED GALLERY** as well as a **LIVE FORGING COMPETITION**.

Check out the website <http://www.caniron.ca/> for more info

