



FORGE

Dedicated to the revival of the "King of Crafts"

Vancouver Island Blacksmiths

www.viblacksmiths.com



COMING EVENTS

October 25 2009.....Meeting at Luxton
November 29 2009.....Meeting at Luxton



Index

Executive Reports.....	2,3
Free books on the net via Google.....	3-6
Napkin Ring	7
Fair photos	8-10
Membership.....	10

The summer fair season has ended and we can all get back to our own projects now. By all accounts it was a successful season, but our demos at several of the venues, and on several occasions, were severely short staffed. Joe and I manned the Saanich Fair most of one day by ourselves. With only two participants we could not really keep the sales table covered and demonstrate forging metal to any degree. I had three people approach me and ask when the demo was scheduled to begin. One was a professional photographer... so we may have missed out on an international magazine spread (or perhaps just a Times Colonist photo). I did not participate at every event, but did make it out to two of them. It seems the same group of club members support virtually all of the club activities, with many who choose not to participate in much of anything. We all have other commitments, but if we all participate just a little bit then it will be much easier for everybody. Anyway, enough ranting, I think we need to consider how we can either increase the participation level... or cut down the number of events we try to cover.

2008 - Executive

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Submissions & Contributions

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

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President's Report

By: Ray Orchard



It was about a quarter past four when Benoit came up to me and said "I want to say goodbye". "Hey", I said, "we'll be carving in about 10 minutes; surely you can stay for something to eat". "No", he said, "I just want to say goodbye". "Yes" I said, "I know what goodbye means, but we are just about to eat". "No", He said, "I have a dinner appointment, I'm just saying goodbye....I'm leaving" Finally the penny dropped. He was saying goodbye. He was leaving. Early next morning he was to fly off, first to France, to visit his grandparents, then to England to take a job with a large blacksmithing firm specializing in historic restoration work. They are also involved producing their own wrought iron. Benoit's initial appointment is for a three month period, after which it could be extended, or he might move somewhere else in the UK or on the continent. He is a hard worker who does a great job so I am sure he will do well. I wished him every success and hoped he would stay in touch and come back to teach us what he has learned. I'm sure all club members also wish him well. His dad will give us his address so we can continue to send him "The Forge".

I think the picnic went well, but it would have been nice if more than about 20 had turned up. The weather was perfect. The usual stalwarts were on hand for the Luxton Fair demo on Saturday and Sunday, but things were a bit thin on Friday. We've got to do better! The situation will be brought up at the next meeting on the 25th. There will be a gathering of the executive at 10:00AM that morning.

Secretary's Report

By: Charlie Low



Annual VIBA picnic was, as usual, a delight. The weather was perfect, the roast that Ray did was huge and very nicely cooked, the potluck things were lovely, there were lots of desserts, and the meeting was brief. It consisted of an announcement that we had received our copy of the contract with the MFI, it looked pretty standard, and we would have an executive meeting to consider it.

There was a little bit of forging in the afternoon as Charlie L is working through some variations on the ogo pogo/plesiosaur hat and coat hook, but most of the time we just hung out and visited. When the sun set and it started to cool off, we packed up and went home.

We will be losing Benoit as a club member for the foreseeable future. He is apparently off to England for a blacksmithing apprenticeship. Hopefully he will return and teach

John was saying he would like to have some proposals for gate designs for the MFI AGM the end of Oct- I will be in Alberta then, but if people want to draw up ideas and give them to me sooner, I can forward them to him for the next couple of weeks.

Chas

FREE BOOKS

FREE BOOKS

FREE BOOKS

By Steven Spoerre, A MABA member

We all use tools and techniques that are well over 100 years old, and now you have a chance to read and learn about them both from original texts that date pre-1921. Google has taken on the task of making books that are in the public domain, available and downloadable to everyone through the internet (you can read more about their program on their website www.books.google.com). You can get to the book search page by typing in the website directly or through www.google.com – at the top of the viewing area of Google's main page are the words: Images, Videos, Maps, News, Shopping, Gmail and more. Click the word “more” and from the drop-down menu, pick “Books”. To the right

of the “Search Books” button in the window that pops up is an “Advanced Book Search” option. Click it to be able to narrow your search fields and also to pick the “Full View Only” option (so only complete book choices will be given to you). Search by key words, phrases, titles, authors, dates, languages, publishers and/or subject – you decide how broad or narrow the search will be. Also, when you call up a book, don't overlook the “Related Books” picks that sometimes appear in the lower left corner of the page (they can take you on some interesting tangents). If you find a book you want to keep in your e-book library, download the PDF file.

Following are some of the books I've found that may be of interest to blacksmiths, machinists and hobbyists (they are alphabetically listed in a Title – Author – Year format under each heading). Another search source of book titles and subjects are the e-books themselves – publishers often list other books they have printed in the front or the back of the books. I know there are a lot more books out there, so if you find one that's interesting and not on this list, please pass the title and author on so others can enjoy it too.

Blacksmithing (instructional, tools & end products) Books

- Architectural Iron and Steel – Wm. H. Birkmire – 1892
- Architectural Wrought-Iron Ancient and Modern – William Winthrop Kent – 1888
- The Blacksmiths Guide – J. F. Sallows – 1907
- The Blacksmiths Journal (Blacksmiths union newsletters) – various - 1910
- Dictionnaire Raisonné de l'Architecture (pp 291-370) – M. Viollet-Le-Duc - 1869
- Elementary Forge Practice – John Lord Bacon – 1908
- Elementary Metal Work – Charles Godfrey Leland - 1894
- English Furniture & Hardware - 17th & 18th century – various -?
- Farm Blacksmithing – John F. Friese - 1921
- Forge Practice and Heat Treatment of Steel – John Lord Bacon & Edward R. Markham – 1919
- Forge Work – William L. Ilgen - 1912
- Forgecraft – Charles Philip Crowe – 1913
- Forging – John Jernberg – 1919
- Forging of Iron and Steel – William Allyn Richards - 1915
- Hand Forging and Wrought-Iron Ornamental Work – Thomas F. Googerty – 1911
- Illustrated catalogue of the Buffalo Forge Co - 1892
- Ironwork, part 1 – J. Starkie Gardner – 1907 (European works from earliest times to the end of mediaeval period)
- Ironwork, part 2 – J. Starkie Gardner – 1896 (European works from mediaeval to end of 18th century)
- List of Prices for Forging and Cutting Files and Rasps – By Committee – 1872
- Locks and Builders Hardware – Henry R. Towne – 1904
- Machine Molding, Foundry, Casting, Blacksmithing & Forging – International Textbook Co. - 1903
- Modern Blacksmithing – J. G. Holmstrom – 1904
- Modern Engineering Practice vol 3 - Foundry, Forging, Pattern... – various - 1903
- Notes for Forge Shop Practice – James Drake Littlefield – 1910
- On the Development and Distribution of Primitive Locks and Keys – Lieut. Gen. Pitt-Rivers - 1883
- Ornamental Iron Work – W. S. Tyler Company – 1902 (wire mesh & screen)
- Plain and Ornamental Forging – Ernest Schwarzkopf – 1916
- Practical Blacksmithing, vol. 1 – M. T. Richardson – 1888
- Practical Blacksmithing, vol. 2 – M. T. Richardson – 1891
- Practical Blacksmithing, vol. 3 – M. T. Richardson – 1900
- Practical Smithing and Forging – Thomas Moore – 1906 (Lots of tools & explanation)
- Smiths Work – Paul N. Hasluck - 1902
- Spanish Ironwork – Arthur Byne & Mildred Stapley – 1915
- Stair Building, Ornamental Ironwork, Roofing, Sheet-Metal Work – multiple – 1899

Useful Information for Architects, Engineers & Workers in Wrought Iron – Phoenix Iron Co. - 1886

Sheetmetal & Coppersmithing Books

A Practical Work Shop Companion for Tin, Sheet-Iron & Copper-Plate Workers – Leroy J. Blinn - 1902
Art of Coppersmithing – John Fuller, Sr. – 1911
Copper Work – Augustus F. Rose – 1908
Essentials of Sheet Metal Work & Pattern Drafting – James S. Daugherty – 1918
Home Instruction for Sheet Metal Workers – William Neubecker - 1922
Lamps and Shades in Metal and Art Glass – John D. Adams - 1911
Metal Spinning – Fred D. Crawshaw – 1909
Modern Sheet-Metal Workers Instructor – Joseph H. Rose - 1906
The Art of Brass Repousse for Amateurs – T. G. & W. E. Gawthorp - 1907
The New Tinsmiths Helper and Pattern Book – Hall V. Williams - 1917

Farm Shop Books

Farm Machinery and Farm Motors – J. Brownlee Davidson & Leon Wilson Chase - 1914
Farm Mechanics – Herbert A. Shearer – 1918
Farm Mechanics – Fred D. Crawshaw & E. W. Lehmann - 1922
Farm Shop Work – George M. Brace & D. D. Mayne - 1915

Mediaeval Ironwork, Armour & Weapons Books

A Description of Indian and Oriental Armour – Hon. Lord Egerton of Tatton - 1896
A Guide to the Antiquities of the Early Iron Age – British Museum – 1905
An Illustrated History of Arms and Armour – Auguste Demmin - 1877
Ancient Armour and Weapons in Europe - John Hewitt – 1860
Military Antiquities Respecting a History of the English Army – Francis Grose - 1801
Spanish Arms and Armour – Albert F. Calvert - 1907
The Ancient Bronze Implements, Weapons and Ornaments – John Evans – 1881
The Book of the Sword – Richard F. Burton - 1884

Industrial Forging Books

Construction of Cranes and Lifting Machinery – Edward C. R. Marks - 1899
Drop Forging, Die Sinking and Machine Forming of Steel – Joseph V. Woodworth - 1911
Press-Working of Metals – Oberlin Smith - 1896
Steel Working and Tool Dressing – Warren S. Casterlin – 1914

Metallurgy Books

An Introduction to the Study of Metallurgy – Sir W. C. Roberts-Austen – 1910
An Outline on the Metallurgy of Iron and Steel – H. O. Hofman - 1904
Hardening, Tempering, Annealing and Forging of Steel – Joseph V. Woodworth - 1903
Steel – Its Selection, Annealing, Hardening and Tempering – E. R. Markham – 1913
Steel and Iron – William Henry Greenwood - 1902
The Corrosion and Prevention of Iron and Steel – Allerton S. Cushman & Henry A. Gardner - 1910
The Management of Steel – George Ede – 1874

Machinist Books

American Machinists' Handbook & Dictionary of Shop Terms – Fred H. Colvin & Frank A. Stanely – 1914
American Tool Making and Interchangeable Manufacturing – Joseph V. Woodworth - 1911
An Introduction to Metal Working – J. C. Pearson – 1904
Cutting Tools Worked by Hand & Machine – Robert H Smith – 1882
Cyclopedia of Modern Shop Practice – various - 1906
Lathe Work for Beginners – Raymond Francis Yates – 1922

Machine Shop Catechism (Q & A) – American Machinist - 1913
 Machine Shop Tools and Shop Practices – William H. Van Dervoort – 1918
 Modern Machine Shop Tools - William H. Van Dervoort – 1903
 Principles of Setting-Out, Securing and Tooling Operations – Alfred Parr – 1913
 Q & A from the American Machinist – Frank Richards – 1907
 Railway Shop Kinks – Roy V. Wright – 1911
 Shop Sketching – Joseph W. Woolley & Roy B. Meredith - 1913
 The Complete Practical Machinist – Joshua Rose - 1876
 The Mechanical Equipment – Joseph W. Roe – 1918
 The Metal Turners Handybook – Paul N. Hasluck - 1906
 The Practical Tool-Maker and Designer – Herbert S. Wilson – 1898
 Workshop Appliances – C. P. B. Shelley – 1897

Catalogues and Machinery Books

A Book of Tools (illustrated) – Chas. A. Strelinger & Co – 1895
 Applebys Illustrated Handbook of Machinery – C. J. Appleby – 1897
 Catalogs of Supplies for Railroads, Steamships, Machines, Mills & Mines – W. C. Duyckinck – 1877
 Catalogue of the National Museum of Antiquities of Scotland – 1892 (knapping, weapons, jewelry, lighting)
 Catalogue of the Niles Tool Works – 1891
 Condensed Catalogues of Mechanical Equipment – American Society of Mechanical Engineers – 1916
 Gas Power (engines & equipment) – 1911
 General Machinery Catalogue - Niles Tool Co – 1898
 Hardware – J. Wilson Brown - 1884
 Illustrated Catalogue of Buffalo Mechanical Draft Apparatus – 1903
 Illustrated Catalogue of Machine Tools – The Fairbanks Co – 1903
 Illustrated Trade Catalogue of Watchmakers, Jewelers and Engravers Supplies – Swartchild & Co – 1897
 Illustrations of Surgical Instruments – The Kny-Scheerer Co – 1915
 Improved Machine Tools - William Sellers & Co – 1895
 Saws – Robert Grimshaw – 1882
 Trapps Patent Barrel Machinery – 1857
 Encyclopedia of The American Well Works (illustrated) – 1900
 Woodworking Machinery – M. Powis Bale - 1880

Non-Blacksmithing Trade Books

A Manual of Fret Cutting and Wood Carving – Major-Gen. Sir Thomas Seaton - 1875
 A Practical Treatise on the Steel Square – Fred T. Hodgson - 1913
 American Soaps – Henry Gathmann - 1893
 Art Crafts for Amateurs – Fred Miller - 1903
 Cabinetwork and Joinery – Paul N. Hasluck - 1907
 Careers of Danger and Daring – Cleveland Moffett - 1908
 Cooperage – J. B. Wagner - 1910
 Craftsman Homes – Gustav Stickley - 1909
 Engraving Metals – Paul N. Hasluck - 1912
 Fret Sawing and Wood Carving for Amateurs – George A. Sawyer – 1875
 Furniture Making, Advanced Projects in woodwork – Ira S. Griffith - 1917
 Handwork In Wood – William Noyes – 1910
 How to Use Water Power – Herbert Chatley - 1907
 Jewelry Making and Design – Augustus F. Rose - 1917
 Leather Work – Adelaide Mickel - 1915
 Leather Work, a practical manual for learners – Charles G. Leland - 1892
 Light & Heavy Timber Framing Made Easy - Fred T. Hodgson - 1909
 Old Time Recipes for Home Made Wines, Cordials & Liqueurs – Helen S. Wright – 1909
 Peat Fuel, How to Make and Use It – T. H. Leavitt - 1870
 Practical Handbook for Millwrights – Calvin F. Swingle – 1913
 Sketching and Rendering in Pencil – Arthur L. Guptill - 1922
 The American Drawing Book – J. G. Chapman - 1847
 The Art of Brewing and Fermenting – John Levesque - 1836

The Cultivation of American Grape Vines & Making of Wine – Alden Spooner - 1858
 The Cutlery Trades – G. I. H. Lloyd - 1913
 The Manufacture of Liquors, Wines and Cordials – Pierre Lacour - 1868
 The Soap Makers Handbook of Materials – William T. Brannt - 1912
 The Watchmakers Handbook – Julien Tripplin & Edward Rigg - 1881
 Wood Carving - Practical Instruction – Paul N. Hasluck - 1908

Reference Books

A Dictionary of Roman and Greek Antiquities – Anthony Rich – 1901
 Appletons' Cyclopaedia of Applied Mechanics vol 1 – Park Benjamin – 1889
 Appletons' Cyclopaedia of Applied Mechanics vol 2 – Park Benjamin – 1884
 Appletons' Cyclopaedia of Applied Mechanics: Supplementary vol – Park Benjamin – 1895
 Cyclopedia of Mechanical Engineering – Howard Monroe Raymond - 1908
 Dictionary of Manufactures, Mining Machinery and the Industrial Arts – George Dodd – 1876
 Elements of Machine Design – Dexter S. Kimball & John H. Barr - 1911
 History of the Iron Trade – Harry Scrivenor – 1854
 Illustrated Technical Dictionary in Six Languages – K. Deinhardt & A. Schomann - 1906
 Knights New Mechanical Dictionary – Howard H. Knight – 1884
 Lockwoods Dictionary of Terms (mechanical) – 1892
 Machinery and Processes of the Ind. Arts, Paris Univ. Expo. – various - 1869
 Machinery's Handbook (5th edition) – 1915
 Mechanical Appliances, Mechanical Movements & Novelties of Construction – Gardner D. Hiscox – 1910
 Mechanical Movements Powers and Devices – Gardner D. Hiscox – 1907
 Spons Mechanics Own Book – 1901
 Steam Engine Principles and Practice – various - 1922
 Steam Engines – Llewellyn V. Ludy - 1917
 Text Book of Mechanical Engineering – Wilfrid J. Lineham – 1909
 The Art of Sketching – G. Fraipont – 1892
 The Hand Book of Pencil Drawing - 1843
 The Prevention of Factory Accidents – John Calder - 1899
 The Steam Engineers Handbook – International Correspondence Schools - 1913

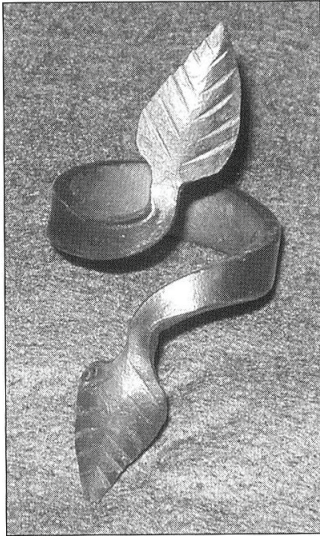
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ABANA affiliate newsletters on the Web

Compiled by Bobby Floyd, Old Dominion Blacksmith Association.

The following is a list of most of the blacksmithing groups that have a Web site that offers a "Current" Free Newsletter whether it is monthly, bi-monthly, four times a year or twice a year that can be downloaded without having to join the group.

1. Balcones Forge www.balconesforge.org
2. Blacksmith Association of Missouri www.bamsite.org
3. Blacksmith's Guild of the Potomac www.bgop.org
4. Central States Metal Artisans <http://gpba.abana-chapter.com/>
5. Florida Artist Blacksmith Association www.blacksmithing.org
6. Kentucky Blacksmiths' Association <http://ky.abana-chapter.com/>
7. New Jersey Blacksmith Association <http://njba.abana-chapter.com/>
8. Northeast Blacksmiths Association www.northeastblacksmiths.org/
9. North Texas Blacksmiths Association - <http://home.flash.net/~dwwilson/ntba/>
10. Old Dominion Blacksmith Association www.odbsa.com
11. Southwest Artist-Blacksmith Association www.swaba-abana-chapter.org
12. Tidewater Blacksmith's Guild www.tidewaterblacksmiths.com
13. Western Reserve Artist Blacksmith Association www.wraba.com
14. Vancouver Island Blacksmith's Association www.viblacksmiths.com



Mario Baggiolini photo

Leaf Napkin Ring ~ CBA Level I

December 2008

by Mario Baggiolini, Sonora

Processes

Taper, fuller, spread, chisel, swage, bend, twist.

Tools Required

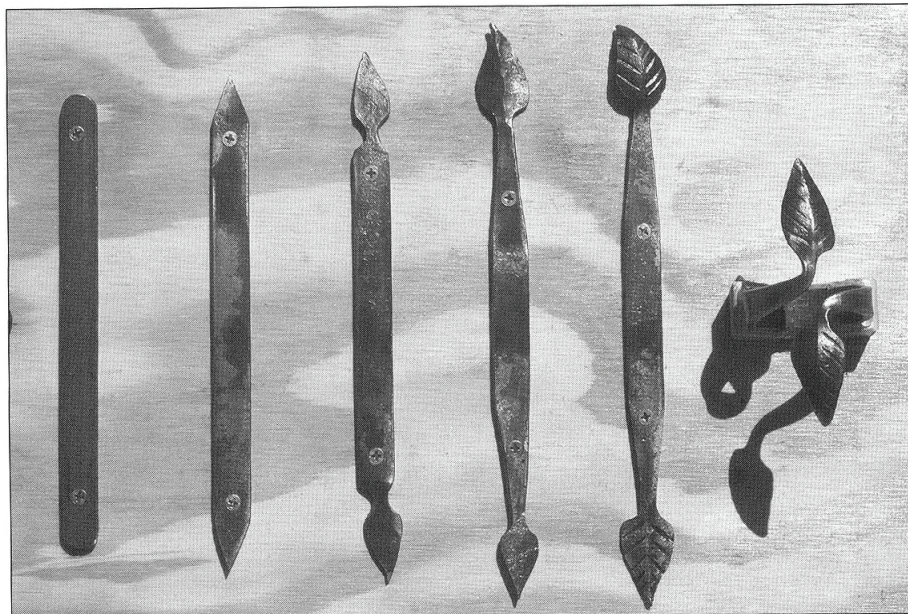
Hammer, tongs, scrolling tongs, small chisel, $\frac{3}{8}$ " spring fuller, $1\frac{3}{8}$ " mandrel, rounding hammer, 16-ounce ball peen hammer, block of wood.

Material

$\frac{1}{2}$ " x $\frac{1}{8}$ " x $5\frac{3}{4}$ " (or similar) flat stock.

Procedure

1. Radius the ends of the material to prevent *fish lips*.
2. Forge short points on each end.
3. Fuller back about $\frac{3}{4}$ " and down to about $\frac{3}{16}$ " to $\frac{1}{4}$ " neck at each end.
4. Draw a long taper approximately $1\frac{3}{8}$ " long, back from the fullered ends. The blank should be about $7\frac{3}{8}$ " long, overall.
5. With the rounding hammer, spread the leaves to a pleasing form.
6. Chisel veins into the leaves for some texture (*or not*).
7. With a ball peen, hammer on the backside of the leaf against a block of wood.
8. Over a mandrel or horn, hammer the center section into a ring approximately $1\frac{3}{8}$ " in diameter.
9. With scrolling tongs, twist the leaves so that they are perpendicular to the ring.
10. Wire brush and hot wax. (*Do not use nut oils*). ♣



Eden Sanders photo





**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: 703-680-1632

Mail: ABANA, 15754 Widewater Dr
Dumfries, VA, USA, 22025-1212

Email: abana@abana.org

Yes, that is a large dressing covering Don Startin's head and one eye. It seems he got something in his right eye (in spite of wearing safety glasses) and a trip to the fair first aid booth resulted in the treatment you see. Seems a rather large dressing ...but I guess too much is better than not enough in this situation. His stance at the drill suggests it didn't slow him down much, and thankfully, his injury resolved without complication

150 lb anvil for sale call 250 656-3311 or e-mail archym@shaw.ca