

The Davistown Museum
 The Ancient Dominions of Maine: An Archaeology of Tools
 Historic Maritime III (1800-1840): Boomtown Years & the Dawn of the Industrial
 Revolution

The tools in this exhibit are typical of those which may have been used by the residents of Liberty and Montville in the early boomtown years of what was, until 1807, the Davistown Plantation. By 1800, the vigorous colonial iron- and toolmaking industries, which had evolved in southern New England before as well as during the Indian Wars (1675 - 1759), had spread to Maine. Shipsmiths and blacksmiths were again active in every coastal boatbuilding and shipbuilding community despite the lack of written documentation of their presence. It is, in fact, the surviving hand tools made by these artisans, often unsigned if not intended for resale in a market economy, that are the primary evidence of their existence. During the colonial period and well into the early 19th century, the majority of small edge tools and plane blades were imported from English toolmaking centers at Sheffield and Birmingham. Examples of these tools are included in the museum exhibitions. Nonetheless, a robust indigenous toolmaking industry, as detailed in the museum publication "Art of the Edge Tool," had evolved in southern New England and, then, in Maine by the late 18th century. Most of the surviving larger edge tools used by New England's shipwrights, broad axes, adzes, slicks, mast shaves, and timber framing tools, were made in New England by New England and Maine toolmakers. These tools were made with the help of a variety of steelmaking strategies, including the use of direct process bog-iron-derived natural steel, steel made from forged malleable iron bar stock, domestically-made or imported blister steel, German steel, or imported crucible steel. The forge welding of steel cutting edges was the most common edge toolmaking technique, but not the only one. Please refer to the museum metallurgy guide for a listing of steelmaking strategies.

The boomtown atmosphere of Liberty and Montville in the early 19th century with its water-powered mills and cooper's shops was typical of many areas of New England. The development of the factory system in southern New England soon required larger water power sources (rivers) than were present in Liberty and Montville, whose population, as well as its manufacturing output, appears to have peaked between 1840 and 1850. Little information is available about the blacksmiths and small foundries with their water-powered trip hammers that produced tools, stoves, and other implements for the many villages of Liberty, Montville, and the surrounding area before 1850. In contrast, a significant amount of data is available about major New England toolmakers and some Maine toolmakers who supplied the bustling downstream shipyards of the period. For information on later toolmakers, mills, and tradesmen in Liberty and Montville, see the Davistown History Project at the link below.

<http://www.davistownmuseum.org/publications/volume2.html>

Status Location

Agricultural Implements

100208T1 **Brush scythe**

DTM MH

Forged malleable iron and steel, 20" long, 18" blade, unsigned.

This heavy duty scythe is clearly hand-forged with a distinct weld steel-iron interface and numerous markings from cold hand hammering. Formerly in the collection of Ed Shaw.

<http://www.davistownmuseum.org/publications/volume10.html>

TH1001 **Dibble**

DTM MH

Forged iron or natural steel and wood, 10 1/2" long, 5" dibble, unsigned.

A dibble is used for planting seeds.

Davistown Museum Inventory of Tools - Maritime III

Agricultural Implements

Status Location

TCR1008 Dibble

DTM MH

Forged steel and wood (beech?), 9" long, 4 3/4" point, unsigned.

This tool has a nicely turned handle. This tool is difficult to date, but is probably late 18th or early 19th century.

<http://www.davistownmuseum.org/pics/tcr1008.jpg>

TCK1004 Fork with three prongs

DTM MH

Forged iron, 9 3/4" long including handle, 4 1/2" wide, unsigned, c. 1800.

<http://www.davistownmuseum.org/pics/TCK1004.jpg>

TCR1001A Grafting froe

DTM MH

Forged iron, 8 5/8" long with a 3 1/4" blade, unsigned.

This tool is refashioned from an old file or rasp. It was a basic necessity for Davistown residents maintaining orchards in the 18th and 19th centuries.

<http://www.davistownmuseum.org/pics/tcz1006.jpg>

<http://www.davistownmuseum.org/pics/tcr1001a.jpg>

42405P2 Grain bucket

DTM MH

Wood with iron bail, 10" high, 6 3/8" diameter top, 5 1/2" diameter bottom, 1 1/4" wooden handle holders, unsigned.

This bucket looks identical to 42405P1, but is smaller.

42405P1 Grain bucket

DTM MH

Wood with iron bail, 10 3/4" high, 6 1/4" diameter top, 5 1/2" diameter bottom, 1 1/2" wooden handle holders, unsigned.

This grain bucket came from a New Hampshire farm and has a red stain. It would have been handmade in a farm workshop. It looks identical to 42405P2, but is larger. Compare these to the factory-made pork barrel (102503P3).

51606T2 Hay cutter

DTM MH

Forged iron and welded steel, 16 3/8" long, 6 1/4" wide, 1 3/16" diameter socket, signed "STINSON".

This late 18th or early 19th century tool has the basic form of a hay cutter but may also be for trimming the flesh of a large fish, e.g. a flensing tool. Comments are welcomed. Three Stinson edge toolmakers are listed in the Registry of Maine Toolmakers, two in Bath. Is this a fisheries-related tool?

TCK1301 Hay knife

DTM MH

Forged iron and steel and wood, 16" blade, 18" handle, unsigned.

TCK3000 Hoe

DTM MH

Forged iron and wood, 9 3/4" long, 4 1/2" wide hoe, 4" long prongs, unsigned.

This is a typical early 19th century blacksmith-made garden tool.

101701T10 Oxen shoe

DTM MH

Forged iron, 5 3/8" long, unsigned.

This smith-made shoe is unmarked and difficult to date.

81602T13 Oxen shoes

DTM MH

Forged iron, 4" long, unsigned.

These are typical farrier-made small sized oxen shoes, essential for maximizing the efficiency of the long work days of the typical ox.

101701T3 Sheep shears

DTM MH

Steel, 12 1/2" long, signed "Shear Steel W. Wilkinson".

This appears to be an imported English shear. No W. Wilkinson is listed in either DATM (Nelson 1999) or W. L. Goodman's (1993) index of British plane iron makers in "British Plane Makers from 1700". Shear steel is reworked blister steel and of a higher quality.

83102T7 Trowel

DTM MH

Cast steel, brass ferrule, and wood handle, 7 1/4" long, 4" long blade, signed "C Monk".

This is an exquisite heart shaped trowel. DATM (Nelson 1999) lists a C. M. Monk making molders' tools, c. 1894. This tool appears significantly older. Another C. Monk is also listed in Brooklyn, NY without any tools associated with his work.

TKD3000 Yoke

DTM MH

Wood with forged iron ferrules, 24" long, unsigned.

One of the many artifacts that Kenneth Lynch brought back from Europe in his collecting days in the 1930s and 1940s.

<http://www.davistownmuseum.org/bioLynch.htm>

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Agricultural Implements

Status Location

32802T9 Yoke puller

DTM MH

Forged iron, 10 3/8" long, unsigned.

See Richardson (1978) "Practical Blacksmithing" volume II, pg. 16, Fig. 19.

<http://www.davistownmuseum.org/pics/32802t9.jpg>

Blacksmith, Farrier, and Metalworking Tools

913108T53 Blacksmith tap

DTM MH

Forged iron or steel, 4 7/8" long, unsigned.

913108T7 Blacksmith tongs

DTM MH

Reforged iron rasp or file, 13" long, unsigned.

913108T37 Blacksmith tools (5)

DTM MH

Reforged steel rasps and files, A) 2 1/2"; B) 9 1/4"; C) 6 1/2"; D) 1 3/4"; E) 7 3/4", unsigned.

This is a set of tools a blacksmith may have made for his own use. They consist of: B) grafting tool, C) spud, D) wedge, and two farriers' hoof cutters A) and E).

TCF1001 Blacksmithing tools (8)

DTM MH

Forged iron, unsigned.

These eight small tools were found together and represent a mixture of late 18th century and early 19th century blacksmith taps and other tools.

4106T10 Blacksmiths' leg vise

DTM MH

Forged iron, 37 3/4" high, 4 1/4" wide jaw, unsigned.

This traditional tool is completely hand-forged and is probably early 19th century or possibly late 18th century. Found in almost every barn workshop in the 19th century, this tool predates the era of the drop-forged bench vise.

http://www.davistownmuseum.org/pics/4106t10_p1_small.jpg

http://www.davistownmuseum.org/pics/4106t10_p2_small.jpg

5412LTC1 Blacksmiths' pointed lip tongs

DA TT

Forged iron, 15 5/8" long, 9/16" jaw, unsigned.

Courtesy of Liberty Tool Co.

31611T6 Bolt header

DTM TT

Forge-welded malleable iron, 8 1/2" long, 1 1/8" wide, unsigned.

It is handmade.

TCF3000 Butteris

DTM MH

Forged iron, steel, and wood, 16 1/2" long, 1 15/16" wide blade, unsigned.

This tool is used by a farrier for paring a horses' hoof. The long handle rests against the shoulder. It is operated with a thrusting movement.

<http://www.davistownmuseum.org/pics/tcf3000.jpg>

021812T4 Clinch cutter

DTM TT

Reforged steel, unsigned.

This is a farriers' tool rendered out of a recycled rasp or file.

81200T7 Farriers' burnisher

DTM MHC-J

Wood, 16 1/4" long, unsigned, c. 1820 - 1840.

032103T3 Farriers' chisel

DTM MH

Forged iron and steel, 7 3/8" long, 2" long cutter, unsigned.

This is an excellent example of recycled steel. Originally a steel rasp, worn out rasps were saved and reworked into other useful edge tools. The peened top cutting edge reflects the transition from forged iron to a hammered steel cutting edge.

http://www.davistownmuseum.org/pics/032103t3_p1.jpg

http://www.davistownmuseum.org/pics/032103t3_p2.jpg

81200T4 Farriers' knife

DTM MH

Forged steel, brass, and wood, 9 1/2" long, unsigned.

This is a commonplace smallish knife for cutting leather.

Davistown Museum Inventory of Tools - Maritime III

Blacksmith, Farrier, and Metalworking Tools

| | Status | Location |
|---|--------|----------|
| 102911T1 File | DTM | TT |
| Cast steel, 21 3/4" long, signed "WARRANTED CAST STEEL". This handmade tool has some indecipherable markings; possibly made from German steel. | | |
| 51201T12 File | DTM | MH |
| Steel, 10 1/2" long, signed "P S Stubs". This file is from the Simon Willard toolbox. http://www.davistownmuseum.org/pics/51201T12.jpg http://www.davistownmuseum.org/bioStubs.htm | | |
| 102800M10 Hand vise | DTM | MH |
| Forged iron and steel, 4 5/8" long, 1 1/2" wide jaw, signed "P S Stubs" and by owner "W.F. Blake". This was found in the machinists' tool box on display with the W. F. Blake tools. http://www.davistownmuseum.org/bio#/bioKnoxEngine.htm http://www.davistownmuseum.org/bioStubs.htm | | |
| TCR1301 Hand vise | DTM | MH |
| Forged iron and steel, 4" long, signed "STUBS" also signed "K. MAIER". This is another example of the fine quality imported tools of the Stubs Company in Lancashire, England. The signature K. Maier is probably an owner's signature. http://www.davistownmuseum.org/bioStubs.htm | | |
| TCR1011 Hand vise | DTM | MH |
| Forged iron and steel, 4 1/2" long, 1 5/16" wide jaw, signed "P. S. STUBBS". http://www.davistownmuseum.org/bioStubs.htm | | |
| TCR1302 Hand vise | DTM | MH |
| Forged iron or steel, 3 1/2" long, signed "G. KIPP". This maker is not listed in DATM (Nelson 1999); who was G. Kipp? This tool looks very similar to a Stub hand vise, but is probably German in origin. | | |
| 62406T7 Hand vise | DTM | MH |
| Iron and forged steel, 6 1/2" long, 2 13/16" wide jaws, 3 3/8" long nut, signed with the characteristic P Stubbs mark. This is a highly unusual variation of a common hand vise due to an ornate forge-welded ram's horn nut. | | |
| 83102T2 Horseshoe | DTM | TT |
| Hand-forged iron, 5" high, 4 1/2" wide, unsigned. This is a nicely forged example of a farrier-made horseshoe. | | |
| TCF1002 Nail header | DTM | MH |
| Forged iron, 10" long, unsigned, c. 1820?. This is a typical tool utilized for nailmaking. | | |
| TCF2201 Nail header | DTM | MH |
| Forged iron, 11" long with 1 7/8" wide head, unsigned. | | |
| 102100T6 Nippers | DTM | MH |
| Forged iron (?), 5 5/8" long, 1/2" wide jaw, unsigned. | | |
| 101701T11 Pincers | DTM | MH |
| Forged iron, 6 1/8" long, 5/8" jaw, unsigned. This is distinctly hand wrought with clear signs of filing; a generic 19th century tool in a small size. | | |
| TCR1020 Pliers | DTM | MH |
| Forged iron, 6" long with 13/16" wide jaws, signed "Fletcher". Fletcher may be a New Hampshire toolmaker. Increased use of larger and larger water-driven hammers preceeded the large equipment necessary for drop-forging malleable iron. Is this an unmarked example of drop-forging? http://www.davistownmuseum.org/pics/tcr1021.jpg | | |

Davistown Museum Inventory of Tools - Maritime III

Blacksmith, Farrier, and Metalworking Tools

| | | Status | Location |
|---|---------------------------|--------|----------|
| TCR1002 | Pliers | DTM | MH |
| <p>Forged iron, 7 15/16" long, unsigned, probably c. 1820. These primitive hand-forged pliers are hard to date and have no maker's signature.</p> | | | |
| TG1010 | Punch | DTM | MH |
| <p>Forged iron, 5 1/4" long, unsigned.</p> | | | |
| 121600T3 | Punch | DTM | MH |
| <p>Cast steel, 5 1/2" long, signed "G. Platte". This tool shows distinct evidence of handwork. No Platte is listed in DATM (Nelson 1999).</p> | | | |
| 102904T15 | Ratchet bit | DTM | MH |
| <p>Forged iron, 8 3/4" long, 1 3/8" wide cutter, unsigned. This bit is clearly hand-forged by a smith and has beveling characteristic of an 18th century tool. The cutting end is flared wide and angled. This bit, designed for use in a ratchet drill, is probably an early form of sheet metal cutter. http://www.davistownmuseum.org/pics/102904t15.jpg</p> | | | |
| TCL1002 | Selection of files | DTM | MH |
| <p>Forged steel, unsigned. This selection of files illustrates the transition from the imported steel files c. 1800 to the mass-produced files of c. 1900.</p> | | | |
| 22411T19 | Shears | DTM | TT |
| <p>Forged steel, 12" long with a 3" blade, signed "P S Stubbs".</p> | | | |
| 33002T15 | Snips | DTM | MH |
| <p>Cast steel, 5 1/4" long, 1 3/16" long cutting blades, signed "Brown Germany Cast Steel". Who was Brown, why did he work in Germany and when did he work?</p> | | | |
| 33002T17 | Snips | DTM | MH |
| <p>Forged iron with welded steel blades, 8 3/8" long, 2" blades, signed with the mark "T-8". This appears to be a generic early 19th century tin snips with a distinctly smith peened rivet. http://www.davistownmuseum.org/pics/33002t17.jpg</p> | | | |
| 72801T8 | Square file | DTM | MH |
| <p>Forged or cast steel, 17 1/4" long, 1/2" square, signed "A Prior". No A. Prior is listed in DATM (Nelson 1999). Who was this smith, where and when did he work?</p> | | | |
| 51610T1 | Stump anvil | DTM | MH |
| <p>Forged iron and steel, wood base, 40" tall, signed "1838". This was used as a wagon anvil. http://www.davistownmuseum.org/pics/51610t1web1.jpg http://www.davistownmuseum.org/pics/51610t1web3.jpg</p> | | | |
| 81200T16 | Thread cutter | DTM | MH |
| <p>Wood and forged steel, 3 3/8" long cutter, 1/2" diameter thread, unsigned. This is a typical blacksmith-made primitive of the early 19th century. Donated by David McLaughlin.</p> | | | |
| 121805T18 | Tin snips | DTM | MH |
| <p>German steel, 12" long, 3 3/4" wide at widest handle loop when closed, signed "_USESTAHL" and "___ STEEL" and "F W BRANT" with a sun stamp.. These have a universal handle design. http://www.davistownmuseum.org/pics/121805t18.jpg</p> | | | |
| 111001T31 | Tin snips | DTM | MH |
| <p>Cast steel, 5" long, 1 3/8" cutting blade, signed "P. S. Stubbs". This is another example of an imported English tool. http://www.davistownmuseum.org/bioStubs.htm</p> | | | |
| 090508T8 | Tin snips | DTM | MH |
| <p>German steel, 15" long, 3 3/8" long cutting blade, signed with a trefoil mark.</p> | | | |

Davistown Museum Inventory of Tools - Maritime III

Blacksmith, Farrier, and Metalworking Tools

| | Status | Location |
|---|--------|----------|
| 10700-T2 Tongs Forged iron, 15" long, unsigned. | DTM | MH |
| TCO1001 Wedge Forged iron, 6 3/8" long, 3" wide, unsigned. It is typical of a small blacksmith-made wedge. One of the most essential items in the tool kits of a Davistown or other frontier settler. | DTM | MH |
| 021812T6 Wedge Reforged steel, 3" long, 1 1/4" wide, unsigned. This is possibly a farriers' or blacksmiths' tool made from a recycled rasp or file. It has a hand-drilled hole of 1/4" diameter that might be used for a handle. | DTM | TT |
| 10700T4 Whitesmiths' shears Forged iron and steel, 14 1/2" long with a 3" long cutter, signed "P S STUBS". These small whitesmith shears are fitted with a vertical 5/8" square leg for use in a stake plate. http://www.davistownmuseum.org/bioStubs.htm | DTM | MH |
| 102100T14 Whitesmiths' shears Forged iron and steel, 14 1/2" long, 3" cutter, 3" stake extension, signed "P S STUBS". This is an unusual adaptation of common shears to use in a whitesmiths' staking plate. http://www.davistownmuseum.org/bioStubs.htm | DTM | MH |

Cast Iron Tools and Artifacts

| | | |
|---|------|----|
| 10700CI-1 Fire company insignia Cast iron, 12" diameter, signed "F. I. Co". http://www.davistownmuseum.org/pics/fico.jpg http://www.davistownmuseum.org/pics/10700CI-1.jpg | BDTM | MH |
| TCR3510 Gluing press (?) Wood and cast iron, 7" long, 4 1/4" wide, unsigned. | DTM | MH |
| TCR3511 Jig Cast iron and steel, 8" long, 3" wide, unsigned. The use of this jig is unknown. | DTM | MH |
| TTCI3500 Pot with three legs Cast iron, 10 3/8" long, 6 1/2" high, unsigned. | DTM | MH |
| TTCI3001 Sinker mold Cast iron, 5 1/4" long, 2 1/2" wide, unsigned. | DTM | MH |
| TTCI3002 Steelyard weight Cast iron with a forged iron link, 1 3/4" high, 1 1/2" diameter, unsigned. An essential component of any steelyard, the primitive scales used for weighing flour, sugar, and other foodstuffs. | DTM | MH |

Cobbler and Saddler Tools

| | | |
|---|-----|----|
| 51201T4 Burnisher Wood, 7" long, 13/16" wide, unsigned. A typical shoemakers' creasing tool, it was also used by upholsterers and other producers of finished leather products. | DTM | MH |
| 102904T9 Burnisher Forged iron, wooden handle, 10 1/2" long, 1 3/4" diameter, unsigned. The handle extends through the eye of the ball. This tool is similar in appearance to early cobblers' burnishers and smoothing hammers. If it is not for this use, then what is its function? http://www.davistownmuseum.org/pics/102904t9.jpg | DTM | MH |
| TCR3002 Burnishing tool Steel, brass, and wood, 9" long, unsigned, c. 1820 - 1840. | DTM | MH |

Davistown Museum Inventory of Tools - Maritime III

Cobbler and Saddler Tools

| | Status | Location |
|---|--------|----------|
| TCR1013 Burnishing tool Steel and wood, 5 5/8" long, 1 3/4" blade, unsigned. What would have this burnishing tool been used for, if not for leather burnishing? | DTM | MH |
| 70701T7 Cobblers' pliers Forged and filed iron, signed with the marks "6" and "LS" with a star insignia. This is a typical early 19th century home shop tool. | DTM | MH |
| TCH1003A Cobblers' slitting cutter (?) Forged iron and steel, 6 1/4' long, 1/2" wide blade, signed "BARNETT 37". DATM (Nelson 1999) lists a Barnett in Attleboro Falls as a manufacturer of Jewelers' tools, 1820. | DTM | MH |
| TCH1005 Cobblers' tools (lot of 5) Steel with wood handles, unsigned. | DTM | MH |
| TCH1003B Group of 7 cobblers' tools Steel, wood, and brass, unsigned. | DTM | MH |
| TCH1004 Hammer Forged iron, steel, and wood, 2 1/2" long, 2" diameter face, 6" long handle with leather strapping, unsigned. | DTM | MH |
| 111001T35 Leather chamfer tool Wood, brass, and steel, 6" long, 1 3/4" blade, signed with an obscure signature. | DTM | MH |
| TCR1003 Pliers Cast steel, 11 1/4" long, signed "HUBER TOOL WORKS 5 PHILADA" and on the reverse side of the handle marked "C. STEEL". DATM (Nelson 1999) lists an H. Huber as a maker of leather tools, Philadelphia, 1836 and English & Huber, Philadelphia, 1834-1842. | DTM | MH |
| 7800-T21 Saddlers' vise Wood, 30" high, 4 1/2" mouth, unsigned, c. 1840. | DTM | MH |
| 70701T1 Shoemakers' box lot wood, forged iron, and leather, 15 1/4" x 13 1/4", unsigned. Odd tools, shims, and fragments, all are remnants from an early 19th century shoemakers' home or farm workshop. | DTM | MH |
| TCH1003 Slitting cutter Cast brass with cast or forged steel blade, 6" long, signed "BARNEII" and marked "37". Could this be Barnett of Attleboro Falls, MA? | DTM | MH |
| TCQ3000 Tack pry Forged iron and wood, 7 1/4" long, unsigned. This mundane blacksmith-made tack pry has a replaced handle and is typical of smith-made tools used before the mass production of tack prys in the late 19th century. | DTM | MH |
| TCH1002 Tack puller Forged or cast iron, 6 1/2", unsigned, c. 1840. http://www.davistownmuseum.org/pics/tcp1005a.jpg | DTM | MH |

Coopers' Tools

Coopering was one of the most important early and mid-19th century trades in the hill country of the central Maine coast, including Liberty and Montville. The forest resources and the water mills of the area provided the wood and the power needed for dry coopers to create every conceivable kind of wooden storage barrel. The production of lime casks was an early and continuing source of income for the many coopers who usually had their shops in their sheds, farms or barns, working especially when bad weather didn't permit outside work. At the time of the Civil War, Liberty and Montville still had dozens of working coopers. Some of these coopers' tools may date to Maritime IV or later.

| | | |
|--|-----|----|
| 81101T6 Barrel shave Cast steel and wood, 13 1/8" long, 7" curved blade, unsigned, c. 1800 - 1820. The iron ferrules on this curved shave appear English. | DTM | MH |
|--|-----|----|

Davistown Museum Inventory of Tools - Maritime III

Coopers' Tools
Status Location
DTM MHC-G

100400T13 Chamfering knife (jigger)

Wood and cast steel, 17" long with a 9" handle, unsigned.

<http://www.davistownmuseum.org/pics/100400t13.jpg>

81801T13A Coopers' _____?

Wood, steel, with brass ferrule, 6" long, 4" angle extension, unsigned.

This tool is characterized by the same grooved crease found in all coopers' hammers, though slightly narrower (1/8") than the crease in 81801T13 (1/4"). It is clearly refashioned from recycled file steel and is very unusual. A specific identification is welcomed.

7309T1 Coopers' adz

Forged iron and steel, wooden handle, 10" long, 3 1/4" wide blade, 12" long handle, signed "FAXON".

This adz has a southern New Hampshire Merrimack River provenance (S. Pelham) and must have been made by the Faxon clan of Braintree, MA.

<http://www.davistownmuseum.org/pics/7309t1web-1.jpg>

<http://www.davistownmuseum.org/pics/7309t1web-2.jpg>

TCJ1002 Coopers' adz

Forged iron with steel face and blade, 7" long, 1 1/4" square face, 2 1/2" blade, signed partially obscured "WHITE 1837", mid-19th century.

This was made by L. and I. J. White Co., Buffalo, a prolific New York maker of both edge tools and coopers' tools, 1837f.

<http://www.davistownmuseum.org/pics/tcj1002.jpg>

092409T3 Coopers' adz

Reforged steel rasp and wood, 9 1/3" long, 1" wide with a 12" long handle, unsigned.

<http://www.davistownmuseum.org/pics/092409T3web2.jpg>

<http://www.davistownmuseum.org/pics/092409T3web4.jpg>

100400T17 Coopers' auger

Forged iron and steel, wood, 14 1/2" long, 17 1/2" handle, signed "2 1/2" indicating the diameter of the auger.

A cooper would use this auger for boring bung holes.

<http://www.davistownmuseum.org/pics/100400-17.jpg>

101400T5 Coopers' broad axe

Cast steel and wood, 11 1/2" long, 3 1/2" poll, signed "Roxbury _____ EVRETT CAST STEEL".

No Evrett is listed in DATM (Nelson 1999). This is a typical coopers' broad ax used for trimming staves, etc.

<http://www.davistownmuseum.org/pics/101400t5.jpg>

TCJ2001A Coopers' bung

Wood, 6" long, unsigned.

Bungs are used for setting the hoops used on the barrels and casks manufactured in coastal mill towns such as Liberty and Montville.

TCJ2002A Coopers' bung

Wood and forged iron, 6 1/2" long by 3 1/4" wide with 4" wide strap, unsigned.

It has a blunted end.

72801T6 Coopers' bung mallet

Wood, 1' long, 5 1/2" x 15/16" head, unsigned.

This is an unusually small coopers' bung mallet.

32412T3 Coopers' drawknife

Forged malleable iron and steel, 17" long, 2 1/8" blade, unsigned.

The iron body on this tool has evidence of extensive filing and hand-finishing. Donated by the Liberty Tool Co.

51100T12 Coopers' hammer

Cast steel and wood, 5 1/8" long, 1 1/2" wide face, 13" long wood handle, unsigned.

100400T19 Coopers' hammer

Forged iron and steel (?), 4 1/2" long, 1 5/8" blade, unsigned.

Coopers' hammers can be distinguished by their peculiar narrow concave face. In this example, the face is only 3/4" wide and long years of use have flattened out the concave surface, which was used to work the rims of the barrels.

Davistown Museum Inventory of Tools - Maritime III

Coopers' Tools

Status Location

111900TX1 Coopers' jointer plane

DTM MH

Wood with a cast steel blade, 75 1/2" long, 4 1/4" wide, 26 1/2" long tapered leg, 3 3/8" wide blade, signed "RYING" on the leg and an illegible signature on the blade.

Is Rying a maker's signature?

TCJ1007 Coopers' mallet

DTM MH

Wood, 11 3/4" long, 4 1/2" tapered width, domed face 3" wide, unsigned.

TCJ1001 Coopers' plane

DTM MH

Wood with a forged or cast steel blade, 8 1/4" long, 4 1/4" wide, 2 3/8" blade, signed on the blade "2 KENYON SHEFFIELD" with a mark "IK" to the side.

<http://www.davistownmuseum.org/pics/tcj1001.jpg>

TCJ1006 Coopers' plane

DTM MH

Wood, 12 5/8" long, 2 3/4" wide, unsigned.

It has no blade or wedge and appears unused.

<http://www.davistownmuseum.org/pics/tcj1006.jpg#>

31602T10 Coopers' shave

DTM MH

Wood and cast steel, 14" long, 3/16" curved cutting edge, signed "L Hardy CAST STEEL".

L. Hardy is not listed in DATM (Nelson 1999). This is probably Ephraim L. Hardy of Brookline, NH.

100400T7 Croze

DTM MHC-K

Wood, cast steel, and forged iron, 14 3/4" long, 4" high, unsigned.

TCJ1003 Croze

DTM MH

Wood and forged iron, 13" long, 2 3/8" wide, unsigned.

This tool is missing its cutter, but it's particularly interesting because it utilizes the discarded blades of a reaper and has nice handmade nails. It is a good example of mid-19th century recycling.

TCJ1005 Croze

DTM MH

Wood with a steel blade, 16" wide, unsigned.

The original blade has been replaced by a Stanley No. 3 smooth plane blade dating from the late 19th c.

81801T7 Howell (chiv)

DTM MH

Wood, forged iron, and cast steel blade, 15 1/2" long, 7 1/4" wide including handle and adjustable screws, signed "H.S.T. H.N.S" and on the blade "Hand Cast Steel".

It is from southern New Hampshire.

http://www.davistownmuseum.org/pics/81801t7_p1.jpg

http://www.davistownmuseum.org/pics/81801t7_p2.jpg

81101T7 Howell (chiv)

DTM MH

Cast steel, iron wedge nut, and wood (beech), 12 3/4" diameter, 3 3/8" wide, 1 1/2" curved blade, unsigned.

This is an excellent example of a coopers' tool used to get a barrel ready for the croze.

TCJ1004 Howell (chiv)

DTM MH

Wood (beech), 11 1/2" long, 2 3/4" wide, with room for a skew cutter 1 1/4" wide, signed "B. FARLEY" on the side of the plane and "G. B URGE" on the top.

It is lacking the wedge and blade. DATM (Nelson 1999) reports a Benjamin Farley, Hollis, NH, as a manufacturer of coopers' and edge tools, c.1849. Burge is probably an owner's mark.

TCJ3500 Howell (chiv)

DTM MH

Wood (beech) and cast steel with two iron screws, 10" long, 3 5/8" wide, signed "MORTON ARNOLD" on blade.

There is no Morton Arnold listed in DATM (Nelson 1999). This is a heavy duty coopers' tool used for making wet casks for beer and spirits, also called a beer howell in the US.

<http://www.davistownmuseum.org/pics/tcj3500.jpg>

81101T20 Leveling plane (sun plane)

DTM MH

Applewood (?) and cast steel, 14 7/8" long, 1 13/16" wide blade, signed "W. Butcher Warranted Cast Steel" on blade, plane marked "SSH" and "SST".

This is an American-made tool with an English cast steel blade.

Davistown Museum Inventory of Tools - Maritime III

Coopers' Tools

Status Location

DTM MHC-K

100400T6 **Leveling plane (sun plane)**

Wood, cast steel blades, 14" long, 3" wide, 2" wide blade, signed with an obscure signature on the blade, probably WHITE 1837.

This is a typical coopers' tool used for barrel-making, it is also called a topping plane. A sun plane is used for leveling the ends of staves after they have been beveled with a coopers' adz. The narrow ledge created by the sun plane serves to hold first the chiv and later the croze to cut the grooves on the inside of the staves to hold the cask heads.

<http://www.davistownmuseum.org/pics/100400t6.jpg>

81101T4 **Leveling plane (sun plane)**

DTM MH

Cast steel and applewood, 19 3/4" long, 4" wide, 2 1/8" wide blade, signed "Ward" on blade, plane unsigned.

This is an interesting and uncommon coopers' plane with a Portsmouth, NH, provenance. The blade is English, the plane is curved in shape.

TCJ3501 **Mallet**

DTM MH

Wood and iron, 5 1/2" diameter with a 10" diameter grapple, unsigned.

It has a replaced handle and an iron grapple.

100400T5 **Spokeshave**

BDTM MHC-K

Wood, cast steel, and brass, 19" long, 5 1/2" blade, 5 1/2" brass plate, unsigned.

This Maine-made unsigned spokeshave is the largest ever noted by this editor. With a Lubec shipyard provenance, this shave was likely originally constructed for use by a cooper. When found this tool was associated with other coopers' tools.

Domestic Utensils

30201T3 **Bathtub**

DTM LTC

Tin, approx. 46" in diameter, unsigned.

This is what you used before the era of cast iron bathtubs and running water. It is on display at the Davistown Museum Liberty Tool Annex across the street from the Museum, on the second floor. This tub was apparently made in the Midwest (Minnesota?) and brought east to Maine.

91303C1 **Beanpot**

DTM MH

Red earthenware, 5" high, 5" diameter, unsigned.

This is a typical kitchen utensil of a working family or farm anywhere in New England in the early or mid-nineteenth century. It is similar to redware produced at Woolwich, ME, and numerous other New England locations.

TCR3501 **Bench**

DTM MH

Wood (spruce), 24" long, 9" wide, unsigned.

32802T7 **Burnisher**

DTM MH

Steel and wood, 12 1/2" long, 2 3/8" long burnisher, unsigned, c. 1820 (?).

It was probably used by a tanner for creasing and burnishing. This tool is extremely uncommon. This is a tentative identification.

<http://www.davistownmuseum.org/pics/32802t7.jpg>

TAB3001 **Butter spoon**

DTM MH

Maple, 3 7/8" wide, unsigned.

121805T24 **Cheese auger (?)**

DTM MH

Drop forged steel or iron, 22 1/4" long, 1/2" wide, handle is 2 5/8" wide oval, unsigned.

Possibly this is a cheese tester? Look for it in the unidentified tool area.

http://www.davistownmuseum.org/pics/121805t24_p2.jpg

43006T1 **Cheese cutter**

DTM MH

Wood, forged iron, and steel wire, 21 5/8" long, 18 5/8" wide, including a 6" handle, unsigned.

This is a nicely forged and very rare large early 19th century implement.

5303PR1 **Cribbage board**

LPC MH

Wood and brass, 31 7/8" long, 4 1/2" wide, unsigned.

A spar salvaged from a transpacific China trade vessel wreck, c. 1820, was made into a cribbage board and used for the lifetime of the unidentified salvage vessel (another China trader), which made a number of trips around Cape Horn. It is from a Chelsea, MA, seamans' collection via the Liberty Tool Co., around 1985.

Davistown Museum Inventory of Tools - Maritime III

Domestic Utensils

102100T27 **Crimper**

Status Location
DTM MH

Wood with copper coin, unsigned.

The purpose of this crimper is unknown. Note the use of an old coin or token as the cutter. The words "Victory Del Grat__" are visible on the side of the coin. A woman's head can be seen in the center of the coin.

111001T41 **Doll's dress**

DTM MH

Hand woven flax with wool trim, 14" high, unsigned.

This is from Abiel Walker's attic in Alna, Maine. The date of production is unknown.

22601P1 **Firkin**

DTM MH

Wood, 22 1/4" high, 14 1/4" top diameter, 16 1/2" bottom diameter, unsigned.

913108T37A **Food chopper**

DTM MH

Recycled file, forged iron, and wooden handle, 6 1/2" long, 7 3/8" wide blade, unsigned.

41801T3 **Ladle**

DTM MH

Forged iron, 14" long, 2 3/8" diameter ladle, signed with the mark "3".

This is a typical blacksmith made tool of the early 19th century.

92911T13 **Mortar and pestle**

DTM TT

Wood, wrought iron, and leather, 9" tall, 6" diameter mortar; 14" long, 1 3/4" diameter tapering pestle, unsigned.

The mortar is made from a log that was hollowed out and has a blackened bottom to seal the end grain. There is a hand-forged iron ring on the bottom of the mortar. The mortar has a leather handle. The pestle is wooden with a leather braid fastened about 1/4 of the way up from the working end. This might have had a maritime use for mixing caulking.

TAB1302 **Pestle**

DTM MH

Wood, 31" long, 4" diameter pestle, unsigned.

This was probably used for grinding up grain.

CER3500 **Pitcher**

DTM MH

Earthenware, 7 3/8" high, 4 1/2" diameter, unsigned.

It has a cracked handle.

CER3501 **Plate**

DTM MH

Earthenware, floblue, 8 3/4" diameter, signed "The Temple".

7800-T20 **Potty chair**

DTM MH

Wood, 21 1/2" high, 12 1/2" wide, unsigned, c. 1820.

51100T5 **Scissors**

DTM MH

Cast steel, 12" long, signed "Jonathan Crookes".

Jonathan Crookes and Son worked in Sheffield, England from 1827-1910.

TCC3006 **Scissors**

DTM MH

Forged steel, 10" long, 4 1/2" blade, unsigned, c. 1810, could be 18th century.

These are generic forged steel scissors

121805T11 **Shears**

DTM MH

Wrought iron, 9 7/8" long, unsigned.

This is an unusual smith-forged shear made entirely of wrought iron with no thought of steeling. It is a totally useless but unique tool.

http://www.davistownmuseum.org/pics/121805t11_p2.jpg

TCH1301 **Shoes (pair)**

DTM MH

Leather, 8" long, unsigned.

42602T8 **Skates**

DTM MH

Forged steel, curly maple, leather thongs, forged iron heel holders, 5" diameter arch, signed with an obscured mark "___W WIRTES IN ___MSCREID".

These are probably imported German steel blades manufactured into skates in the United States with American grown curly maple. Not all imported steel came from Sheffield. These skates have the look of early skates (c. 1800) with their sharply curved front runners.

Davistown Museum Inventory of Tools - Maritime III

Domestic Utensils

Status Location

102503P4 Spar used for a game with pegs

DTM MH

Wood and brass, 31 3/4" long, 4 3/4" wide, 4 7/8" radius, unsigned.

This game board was made from the spar of a wrecked spice tender on the transpacific route. The trading ship (name lost) was wrecked in the north Pacific or on the return from China. The spar was salvaged and made into the game board by the addition of the brass plate and pins by the crew of another passing tender who also rescued a few of the shipwrecked crew.

33002T5 Spatula

DTM MH

Forged iron, 6 1/4" long, 1" wide, unsigned.

It is nicely forged by a blacksmith. With traces of old lead paint, this is probably a precursor of a putty knife used for glazing windows.

<http://www.davistownmuseum.org/pics/33002t5.jpg>

TCR3512 Stool

DTM MH

Wood, 18" long, 9 3/4" wide, 8 3/4" high, unsigned.

TAB3502 Table

DTM MH

Wood, 10 3/8" long, 6 1/8" wide, unsigned.

One of a number of small benches and tables used by the museum for display.

3912LTC3 Taper candle mold

DA TT

Tin, 10" long, 4" wide, 4" high, unsigned.

This is a mold for pouring wax candles. Courtesy of Liberty Tool Co.

TAB1016 Tapered wooden box

DTM MH

Wood with square nails, 11 3/4" x 11 3/4", unsigned.

TBB1004D Tool box

DTM MH

Wood with forged iron handles, 22" long, 1' wide, 9 1/2" high, signed "L_ I_ JONES West Barnsta" (ble), c. 1820 - 1840.

This toolbox contains blacksmith and gunsmith tools of the 18th century that were in it when it was found in southern Massachusetts. The box dates to a later period than most of the tools.

TCR1022 Turned burl

DTM MH

Wood, 3 1/2" high, 3 1/2" wide, unsigned.

70701T10 Tweezers

DTM MH

Cast steel, signed "Joseph Lisaro Sheffield England" and "Jos. F. McCoy Co.".

McCoy is not listed in DATM (Nelson 1999), he probably is a vendor.

31602T14 Weights (collection)

BDTM MH

Bronze, 3 1/2", 2" and 1 13/16" wide, unsigned except for troy weight descriptions.

Three crucibles with three different varieties of weights.

<http://www.davistownmuseum.org/bioEpstein.htm>

7800-T15 Whale oil lamp

BDTM MHC-G

Tin, 4 1/4" high, unsigned, c. 1820.

This is an excellent example of the work of a whitesmith.

Files

121805T7 Planemakers' float

DTM MHC

Steel and wood, 12 1/2" long, 2" wide, 9" long blade, signed with an "H" or "I" carved into the handle.

This appears to be made of blister steel with a steeled cutting edge. It is slightly beveled mid ridge, characteristic of European design. Could it be made of German steel? It is used to file out the inside of the plane to make it flat where the blade will be inserted.

22411T29 Triangular file

DTM TT

Hand cut German or cast steel, 14 3/4" long, 12" x 13/16" cutting surface, signed "GENUINE" "P S STUBS" "ENGLAND".

<http://www.davistownmuseum.org/bioStubs.htm>

Fishing Implements

Davistown Museum Inventory of Tools - Maritime III

Fishing Implements

Status Location

LPC MH

7309T3 Eel spear

Malleable iron and wood, 15 7/8" long, 6 1/2" wide, 78" long wooden handle, unsigned.

This tool is clearly forge-welded. It was found mixed with an assortment of farm tools in the Merrimack River drainage area (S. Pelham, NH).

<http://www.davistownmuseum.org/pics/7309t3web-1.jpg>

30311T1 Eel spear

DTM TT

Hand-forged iron, 18" long, 4" wide, unsigned.

This spear originally had 8 tines, one is missing.

TAB1007 Mackerel plow

DTM MH

Curved wood handle with a slate cutter, 7 5/8" long handle, 13/16" cutter, unsigned.

This is a tool that would have been commonly encountered on the decks of Maine's 19th century mackerel fleet. A mackerel plow is made of wood and slate rather than wood and iron or steel to prevent rusting on the open ocean. The form has an appearance that is similar to Native American implements such as the crooked knife suggesting the possibility that this tool is Native American in origin, design, and perhaps manufacture. It is also called a fish gut. Two additional examples of a mackerel plow may be seen at the Penobscot Maritime Museum in Searsport and the Maine Maritime Museum in Bath. The die.net online dictionary says a mackerel plow is "an instrument for creasing the sides of lean mackerel to improve their appearance." A further description is given on www.lostatsea.ca/mackplow.htm: "When the fish has been thrown from the seine to the schooner's deck, men split them down the back with large knives, the operation being performed with one sweep of the hand. The plow is then picked up and in two or three deft slashes less than an eighth of an inch deep parallel to the backbone opens the flesh in such a manner that it looks as if superabundance of fat had burst the mackerel just as it does his more corpulent fellow. " Thus the fish looks as a fatter one would. "Everybody connected with the industry knows that a fat mackerel will break open on pressure of the hand after it has been split down the back in process of cleaning."

<http://www.davistownmuseum.org/pics/tab1007.jpg>

http://www.davistownmuseum.org/pics/tab1007_p2.jpg

21201T8 Mackerel plow

DTM MH

Iron, lead, brass, steel, and wood, 6 3/4" long, 4" handle, 1 5/8" curved blade and a brass ferrule, unsigned.

This unusual tool has a steel shank fitted with a 2" curved lead tip into which is inserted a steel cutting blade.

102503P2 Net menders (2)

DTM MH

Wood, unsigned.

This pair of net menders have a coastal Maine provenance and were used to mend seine nets and other fishing gear.

Hammers

041505T10 Ball peen hammer

DTM MH

Forged iron and forged steel (?), 6 1/4" long, 1 3/8" diameter face, 7/8" diameter peen, unsigned.

This hand-forged blacksmith-made hammer is made from wrought iron and/or low carbon steel. Its face shows the wear characteristic of a used tool with low carbon content and with ductile characteristics. It is on the far right of the photograph.

<http://www.davistownmuseum.org/pics/041505t10.jpg>

071704T6 Carriagemakers' tack hammer

DTM MH

Forged iron, wood, 6 3/4" long, 7/16" diameter head, unsigned, c. 1820.

This tool is distinctly hand-forged with a new wooden handle.

52603T21 Claw hammer

DTM MH

Forged iron, 1 1/4" long, 4 1/2" head, unsigned.

TBD1003 Claw hammer

DTM MH

Forged iron, 5" long, 15/16" face, signed "TACONY 2".

The Tacony Edge Tool and Hammer Factory was located in the greater Philadelphia area and was owned by C. Hammond. The Tacony factory can be found illustrated here in a plate from 1877: <http://www.philageohistory.org/rdic-images/view-image.cfm/HGSv13.1189>

82500T1 Claw hammer

DTM MH

Forged iron and wood, 12" long, 4 1/2" long head, 4 1/4" long straps, unsigned.

This is a typical early 19th century hammer.

Davistown Museum Inventory of Tools - Maritime III

| | | Hammers |
|--|--------|----------|
| | Status | Location |
| TCN1002 Claw hammer | DTM | MH |
| Forged iron and/or steel, 5 1/4" long with a 1" square face, signed "G LINDLEY", c. 1820. No G. Lindley is listed in DATM (Nelson 1999). http://www.davistownmuseum.org/pics/tcz1006.jpg | | |
| TCM1004 Claw hammer | DTM | MH |
| Forged iron and/or steel, 2 1/2" long, 1/2" circular face, unsigned. What would such a small hammer be used for? | | |
| 71401T5 Cobblestone hammer | DTM | MH |
| Forged steel and wood, 13 1/16" long, unsigned. This is an elegant example of the common cobblestone hammer of the 18th and early 19th centuries. It was probably manufactured after 1800. http://www.davistownmuseum.org/pics/71401t5.jpg | | |
| 32802T6A Flattening hammer | DTM | MH |
| Forged iron and wood, 1 1/2 x 2 1/2 faces, signed "JOHN HALLAHAN BOSTON, MASS.". This is a two-faced rectangular flatter. It is a nice example of a general purpose whitesmiths' flattening hammer of lighter weight and smaller size than a blacksmiths' flatter, which often has only one face. Another name for this type of hammer may exist. http://www.davistownmuseum.org/pics/32802t6a.jpg | | |
| TCY1002 Hammer | DTM | MH |
| Forged or cast steel, 6" long including the head, unsigned. It has an unusual pointed head and unknown use. | | |
| TCM1003 Hammer | DTM | MH |
| Forged iron and steel, 5 3/8" long, unsigned. It is clearly forged with many bevels and the use is unknown. | | |
| TCM1005A Hammer | DTM | MH |
| Forged iron and steel, 4" long, 11/16" square face with 1 1/4" straps, signed "H M CHRISTENSEN BROCKTON MASS", c. 1840 (?). DATM (Nelson 1999) lists Christen & Son as making hammers in Brockton, MA with no dates. It is also marked "WALSH." | | |
| 112400T2 Hammer | DTM | MH |
| Cast steel and wood, 10 5/8" long handle, 3 3/4" long head, 5/8" square face, signed "R.A. FISH". No R. A. Fish is listed in DATM (Nelson 1999). | | |
| 913108T20 Hammer head | DTM | MH |
| Hand-forged malleable iron, 9 1/2" long, unsigned. | | |
| 22411T8 Hammer head | DTM | TT |
| Hand-forged iron and steel, 5" long, 1 1/8" x 1 1/8" head, 3 1/2" long handle brackets, unsigned. This is a claw hammer with forge-welded brackets used to secure the handle. | | |
| 041505T18 Hammer heads (6) | DTM | MH |
| Drop-forged or cast steel, Not measured, signed on one cross peen "WARNER & NOBLE" "CAST STEEL" and two claws "HAND MADE". This hammer study group consists of three claw, two cross peen, and one anomalous hammer head, circa 1800 - 1920. The two claw hammers marked handmade are drop-forged with later hand filing on them. According to DATM (Nelson 1999) Warner & Noble made tools c. 1894, location unknown. The other cross peen is an early looking (c. 1820 - 1840) upholsterers' hammer. The unique hammer with an extended claw is forged iron, c. 1800 - 1840. What was its use? http://www.davistownmuseum.org/pics/041505t18.jpg | | |
| 31602T12 Mallet | DTM | MH |
| Oak handle with ironwood burl striking head, 11 1/2" long, 4" diameter and 3 1/8" high head, unsigned. Three smith-made (?) screws attach the handle to the head. | | |
| 041505T11 Miniature hammer | DTM | MH |
| Cast or forged steel with a wooden handle, 6" long including handle, 2 1/2" head, 1/2" diameter face, unsigned. This tiny hammer is an uncommon form and may have been used by a jeweler or metalsmith. It is in the center of the photograph. http://www.davistownmuseum.org/pics/041505t10.jpg | | |

Davistown Museum Inventory of Tools - Maritime III

Hammers
Status Location
DTM MH

041505T7 Sledge hammer

Forged iron and steel, wooden handle, 8 1/2" long including the handle, 4 1/4" long head, 1 1/2" and 2 2/4" faces, unsigned.
This rather primitive looking sledge hammer was possibly made as a one-of-a-kind sledge by a blacksmith. There is some hint of "steeling" on the faces, was it reworked and retapered after casting? It is in the top left of the photograph. This hammer is part of the hammer study group.

<http://www.davistownmuseum.org/pics/041505t7.jpg>

72801T7 Sledge hammer

DTM MH

Forged iron, 5 1/8" long, 1 5/8" square face, unsigned.

This primitively-forged sledge hammer appears to have been made with many impurities and defects. How old is this hammer and who made it?

102800T3 Sledge hammer

DTM MH

Forged steel, 5 1/8" long, 1 15/16" square face, signed "G KITTREDGE", 1840 or earlier.

With a New Hampshire provenance, this hammer is probably related to the Jonathan Kittredge hammer-making enterprises of Canaan, NH. This 5 lb (?) sledge is also marked with an owner's signature, "Seth C. Patten".

913108T19 Sledge hammer head

DTM MH

Hand-forged malleable iron or low carbon steel, 3 3/4" long, unsigned.

This small sledge hammer was made from direct process bloomery iron or natural steel

TCM1005 Snowball hammer

DTM MH

Forged iron, 9 1/2" long, iron handle 4 1/2" long, 1/2" round face, unsigned.

Also called a snowshoe hammer or snow knocker, this is a prototypical tool used for removing ice and snow from the shoes of horses. See Eric Sloane's (1964) "A Museum of Early American Tools" for an illustration of another snowball hammer.

<http://www.davistownmuseum.org/pics/tcm1005.jpg>

032203T3 Snowball hammer

DTM MH

Reforged steel rasp, 8 3/4" long, 2 3/16" cutter at one end, unsigned.

This is a typical example of a late 18th century or early 19th century recycling of a precious forged steel rasp. After becoming dull, this rasp was reshaped into a tool for knocking the snow and ice from a shod horse. What was the cutting edge used for? Notice that the malleable wrought iron top edge of the tool has been bent over from use, whereas the steel cutting edge shows no evidence of wear. This illustrates the varying amount of carbon in different sections of this tool.

http://www.davistownmuseum.org/pics/032203t3_p1.jpg

http://www.davistownmuseum.org/pics/032203t3_p2.jpg

51201T6 Stone hammer

DTM MH

Forged iron and steel, 7 1/2" long, unsigned, c. 1840 (?).

This is a smith-made double ended splitting maul.

42405T7 Upholsterers' hammer

DTM MH

Forged iron and steel with wooden handle, 5 1/4" long, 5/8" diameter head, 10" long handle, unsigned.

This is a nice example of a smith-made hand-forged strapped hammer, possibly used for carriage interiors.

Ice Tools

101400T14 Ice tongs

DTM MH

Forged iron, 16" long, unsigned.

These are a particularly graphic example of blacksmith-made ice tongs. Note the distinct marks of hand-forging just below the handles.

Knives

TCR1006 Cleaver or block knife

DTM MH

Cast steel, 12" long, 5 5/8" blade, signed with a small obscure signature on the blade that is no longer legible.

It is probably a block knife with one piece construction. It has a hole in the handle for convenient hanging.

913108T15 Crooked knife

DTM MH

Recycled file blade, copper wire, and wood, 8 1/2" long, 3/4" long blade, unsigned.

This is typical of the forge-welded crooked knife used by the settlers of North America for basketmaking and other uses.

Davistown Museum Inventory of Tools - Maritime III

| | | Status | Location |
|---|---------------------------------|--------|----------|
| 62406T2 | Curriers' fleshing knife | DTM | MH |
| <p>Forged iron and steel, brass ferrule, wood handle, 19 3/4" long with a 11 1/8" burnishing knife, signed "D TOMLINSON PATENT". Tomlinson worked in Brookfield, CT, 1820 - 1845 and had a July 2, 1820 patent for a curriers' fleshing knife (DATM 1999, 792). http://www.davistownmuseum.org/pics/62406T2-3.jpg</p> | | | |
| TG1009 | Knife | DTM | MH |
| <p>Forged steel and wood, 9 1/2" long, 3 3/8" handle, unsigned.</p> | | | |
| 913108T40 | Knife | DTM | MH |
| <p>Steel, brass, and wood, 5" long, signed with a circle touchmark containing 5 dots. This knife has hand-forged notches and an unusual serrated pattern on the top of the blade. The blade is deeply scored on each side.</p> | | | |
| TCN1001A | Knife | DTM | MH |
| <p>Forged iron or steel, 8 1/2" long with a 4" blade, unsigned. It is made from a recycled saw blade?</p> | | | |
| 72801T13 | Knife | DTM | MH |
| <p>Cast steel, wood handle, signed "J Ward & Co. Riverside Mass". J Ward & Co. is an unlisted in DATM (Nelson 1999), Boston knife maker. This is a common kitchen knife.</p> | | | |
| TCR1007 | Knife | DTM | MH |
| <p>Forged iron and steel, wood handle, 17" long, 9 3/4" blade, unsigned. The blade is distinctly hand-forged, with a handmade handle. What is the purpose of this tool -- was it used for skinning?</p> | | | |
| 121805T20 | Knife | DTM | MH |
| <p>Steel with a tropical wood handle, 16 1/4" long including a 5" handle, signed "JC _____ F", too obscure to read. This knife appears hand-forged, hand-finished, and is probably pattern welded. http://www.davistownmuseum.org/pics/121805t20.jpg</p> | | | |
| 93011T19 | Knife | DTM | TT |
| <p>Cast steel and wooden handle, 9" long, 3/4" wide, signed "J. WARD & CO." "RIVERSIDE, MASS".</p> | | | |
| 81200T14 | Knife | DTM | MHC |
| <p>Steel, rosewood, and lead, 9 1/2" long, signed "J Ward Riverside Mass", c. 1840. It has an early lead inlaid handle.</p> | | | |
| TCN1002A | Oyster knife | DTM | MH |
| <p>Forged iron or steel with copper rivets, 5 1/2" long, 2 1/2" blade, unsigned, c. 1820.</p> | | | |
| TCN1001 | Oyster knife (?) | DTM | MH |
| <p>Forged iron or steel, 7 3/4" long; the blade has a maximum width of 3/4", signed with the touchmark "D". What other use could this knife have?</p> | | | |
| 102100T20 | Palette knife | DTM | MH |
| <p>Rosewood and cast steel, 6 1/4" long, 3 5/8" handle, signed "FWD & Co".</p> | | | |
| 100400T11A | Putty knife | DTM | MHC-G |
| <p>Cast steel, brass, and rosewood handle, 7" long, 1 3/8" wide blade, signed "J. RUSSELL & CO GREEN RIVER WORKS", c. 1836 - 1840. Working first in Deerfield in 1832 utilizing this name, John Russell moved to Greenfield in 1836. The knives and cutlery bearing this imprint are among the best ever made in the United States. Many later important tool companies with the name Russell descend from this, the original Green River Works (Nelson 1999, 679-80).</p> | | | |
| 52603T25 | Straight razor in box | DTM | MH |
| <p>German steel, 6 1/2" long, signed "BROEKER BROS. ANCHOR SOLINGEN Germany" and on the box "PYRAMID BRAND Geneva Cutlery Corp. Geneva, N.Y. USA".</p> | | | |

Logging Tools

Davistown Museum Inventory of Tools - Maritime III

Logging Tools
Status Location
DTM MH

TCO1002 **Bark spud**

Forged iron, 25" long, 2 1/2" diameter, unsigned, c. 1820-1840.

It has a beveled iron shaft. This is among the most essential tools in the first tool kits of the Davistown settlers. Its purpose is the removal of bark from logs prior to the milling of lumber. It is also used to remove hemlock bark for use in a tannery.

7309T7 **Cant dog**

Forged malleable iron, wood handle, 52 1/2" long, 14 1/4" long cant dog, unsigned.

This is what a cant dog looked like before Mr. Peavey came along. It is a typical early 19th century log rolling tool.

<http://www.davistownmuseum.org/pics/7309t7web-1.jpg>

101900T3 **Peavey**

Forged and cast iron, 13 1/4" long, unsigned.

This is a generic peavey, but with a clearly hand-forged handle casing.

<http://www.davistownmuseum.org/pics/101900t3.jpg>

102904T5 **Pickaroon**

Forged iron and natural steel, 28 1/2" long including 26 1/4" handle, 7" from poll to point, unsigned.

This tool was formed out of bar stock and pounded into its generic form by a blacksmith at his forge. The tip is natural steel; it has some indications of hand filing. Pickaroons are among the essential tools of the timber harvester; after felling trees and trimming off the branches, the pickaroon would be used by the woodsman to pull away the branches prior to the tree being dragged out of the woods and into the nearest river for transport to a water mill. It then would be used for maneuvering the smaller logs.

<http://www.davistownmuseum.org/pics/102904t5.jpg>

101400T17 **Race knife (timber scribe)**

Cast or forged steel and wood, 5 3/4" long with a 2" slit, unsigned.

It is used to mark the ends of planks and logs.

<http://www.davistownmuseum.org/pics/101400T17.jpg>

100400T18 **Race knife (timber scribe)**

Cast steel and wood, 6 1/2" long, unsigned.

This is a typical lumbermans' tool for marking and identifying the trees cut by loggers before they would be floated down to the sawmills. It has a leather pouch for storage.

<http://www.davistownmuseum.org/pics/100400t18.jpg>

<http://www.davistownmuseum.org/pics/100400t18-3.jpg>

31808PC6 **Spud**

Malleable iron and steel, wood, 27 1/2" long, 9 1/2" long blade, unsigned.

31901T1 **Tho-shot**

Wood (spruce), 30" long, 3 1/2" diameter shot, unsigned.

<http://www.davistownmuseum.org/pics/31901t1.jpg>

<http://www.davistownmuseum.org/bioThoShot.htm>

50101T3 **Tho-shot**

Wood, 3' high, 5 1/2" diameter end knurl, unsigned.

It may also be spelled thorough-short or thorough-shot. A tho-shot is the wooden pin used to secure log booms for the spring log drives. The tho-shot in the Davistown Museum had been for sale for about 25 years, first at the Jonesport Wood Co. in West Jonesport and then at the Hulls Cove Tool Barn for \$16.00. There were no buyers during this period for this unidentified wood primitive. On March 2, 2001, Robert Lawrence was visiting the Davistown Museum for the specific purpose of loaning his tho-shot to the Museum collection when he spotted our (as yet unidentified) specimen next to the flax breaker in the main hall. For more information on the history of the tho-shot, click on the bio link. This tho-shot is broken off at the notch. It was donated to the Davistown Museum by Robert Lawrence.

<http://www.davistownmuseum.org/bioThoShot.htm>

Measuring Tools

032203T5 **Adjustable bevel**

Rosewood, brass, and steel, 7 3/4" long handle, 12" blade, signed "C G PINKHAM" possibly an owner's mark.

This nicely made adjustable bevel was probably manufactured in England and then imported to the U.S. in the early 19th century. The design of the set back brass adjustment nut appears English. The handle is made of high quality rosewood. A check of English tool pattern catalogs might locate the specific design.

http://www.davistownmuseum.org/pics/032203t5_p2.jpg

Davistown Museum Inventory of Tools - Maritime III

Measuring Tools

Status Location

81101T19 Adjustable calipers

DTM MH

Cast steel, 5" long, signed "P. S. Stubs".

This finely cast caliper is another fine example of the Stubs empire of tool manufacturing.

<http://www.davistownmuseum.org/bioStubs.htm>

111002T4 Adjustable dividers

DTM MH

Forged iron, 1' 7 3/4" long, unsigned.

These are a nice example of blacksmith-made dividers of the early 19th century. These were probably used either by a shipwright or wagon-maker.

101701T12 Calipers

DTM MH

Cast steel, 6 5/8" long, signed "P. S. Stubbs".

This is a clear example of an English pattern that was later copied by American companies such as T. Stevens, Chicopee Falls, MA, 1844 - 1903. Also using the same pattern was the Boker Co., which DATM (Nelson 1999, 98) indicates was a German manufacturer exporting tools in the 19th century. This tool is also marked with numerous stars -- probably an owner's mark. Stevens as well as Boker copied the English style of adjustable calipers, which were originally European in origin. Did English toolmakers who emigrated from Sheffield bring this prototype with them?

<http://www.davistownmuseum.org/bioStubs.htm>

111001T15 Calipers

DTM MH

Cast steel, 4 5/16" long, signed "Cast Steel".

Probably an early 19th century tool, these calipers show signs of hand work and careful filing. Are they an English import or an unsigned American tool?

31012T1 Circular wire gauge

DTM MH

German or sheaf steel, 3 1/8" diameter, signed "PS Stubbs".

<http://www.davistownmuseum.org/bioStubs.htm>

31311T9 Dividers

DTM TT

Cast steel, 20" long, 3/4" wide, unsigned.

83102T8 Dividers

DTM MH

Forged iron, 12" long, signed "W H Hale".

No W H Hale is listed in DATM (Nelson 1999).

914108T5 Dividers

DTM MH

Steel, 8" long, signed "G. BUCK".

11301T4 Dividers

BDTM MH

Forged iron and steel, 18" long, signed "I Wilson" with another mark of "H Wilson" in a larger font.

Possibly this is Increase Wilson (b. 1785, d. 1861), New London, CT. Wilson made a wide variety of hand tools beginning in 1815. This is the finest pair of dividers in the Museum collection with nicely wrought and peened joints, nuts, arms, and legs. It has beveled central leg shafts. It is an early 19th century masterpiece of forged iron and steel. The transition to steel tips on the legs is distinctly visible.

111001T26 Double calipers

DTM MH

Cast steel, 4" long, signed "E. A. Belcher".

DATM (Nelson 1999) lists many Belchers as making rules and bevels in New York and Providence, RI as early as 1825, but no listing for E. A. Belcher.

31808PC1 Double calipers

DTM MH

Wrought iron, 14" long, signed on the end of the handle with a decorative heart shape that mimics the shape of the caliper.

61204T10 Folding rule

DTM MH

Boxwood and brass, 24" long, signed "RICHARDSON & CO" and "MIDDLETON".

Asa Richardson worked in Middleton, Connecticut from 1820 - 1838.

http://www.davistownmuseum.org/pics/61204T10_p1.jpg

Davistown Museum Inventory of Tools - Maritime III

Measuring Tools

Status Location

63001T2 Framing square

DTM MH

Forged iron, 12" x 24", signed "W Smallwood".

DATM (Nelson 1999) lists Smallwood as a maker of squares with no date or location. This tool has a central Maine origin and was probably made in Maine, but where?

<http://www.davistownmuseum.org/publications/volume10.html>

102100T15 Framing square

DTM MH

Forged iron, 24" long, 12" wide, unsigned.

This is a typical example of a mid-19th century blacksmith hand-stamped framing square made just prior to their mass production.

63001T1 Framing square

DTM MH

Forged iron, 12" x 24", signed with a hand stamped "J Walker".

This tool has a Maine origin and may be the product of J. Walker of Scarborough, Maine, 1831f. Or it could be from the workshop of J. Walker of W. Hampton, NH, no date available, listed in DATM (Nelson 1999).

<http://www.davistownmuseum.org/publications/volume10.html>

41203T9 Framing square

DTM MH

Forged iron, 13 1/2" by 12", signed "M Hildick".

DATM (Nelson 1999) notes M. Hildick worked in Walsall, which is in the UK. This is another hand-forged, hand-stamped, framing square.

040103T9 Framing square

DTM MH

Forged iron, 24" by 15", signed "HAWES Patent 1825" "\$3.50" with owner's mark "Charles Scot".

DATM (Nelson 1999) indicates Silas Hawes made squares in Shaftsbury, VT, 1814 - 1828, but that several other local makers also marked their squares "HAWES PAT". These were predecessors to the famous Eagle Square Co. organized in 1859. This is a fine example of a used hand-forged, hand-stamped square of the early days of the republic.

http://www.davistownmuseum.org/pics/040103t9_p1.jpg

<http://www.davistownmuseum.org/bioEagleSq.htm>

41203T10 Framing square

DTM MH

Forged iron, 23" by 12", unsigned.

This typical hand-forged, hand-stamped square is interesting in that the short edge has broken off and been entirely replaced by a newly produced, welded, and peened section. It is a great example of Yankee thrift.

30801T1 Framing square

BDTM MH

Cast steel, 18" x 24", signed "CAST STEEL J. ESSEX WARRANTED NO I".

DATM (Nelson 1999) lists J. Essex as working in Bennington, VT, 1830 - 1859 and then merging with the Eagle Sq. Co. This is an historic American tool.

121906T1 Framing square

DTM MH

Forged iron or steel, 12" x 24", signed "S. HAWS PATENTED WARRANTED STEEL".

This square is clearly hand-stamped, with increments of inches on one side and a complex numeration of board rule (?) on the other. Of particular interest is the notation "STEEL"; though clearly not cast steel, this mark may suggest the use of either blister steel or puddled steel. Alternatively, it may suggest an awareness that malleable iron, having a carbon content greater than wrought iron, is a form of low carbon steel and is so marked. The hand-stamping on the square suggests it was made prior to 1850, pre-dating the use of the dividing machine for marking squares as well as the availability of domestically made cast steel. Whatever "steel" was used in this square was most likely made in Vermont, which at this time had not only cementation furnaces for making blister steel but also reverberatory furnaces for decarburizing or fining cast iron, in which the knowledgeable forge-masters could halt the decarburization process to produce puddled steel -- a surprisingly common form of steel before the Civil War.

<http://www.davistownmuseum.org/bioEagleSq.htm>

TCQ1001 Framing square

DTM MH

Forged iron, signed "J. F. Brown", c. 1820.

The square is hand-stamped. This maker is not listed in DATM (Nelson 1999). It is an American made form. Who was J. F. Brown and where did he work?

TBE1003 Level

DTM MH

Brass, 2 1/2" long, 7/16" wide, unsigned, c. 1820.

This is an example of a user-made tool.

43006T7 Marking gauge

DTM TT

Forged iron or steel, 11 3/4" long, 9/16" square with a single 3 1/8" adjustable depth marker, signed "W. R. Stone".

The signature is not listed in DATM (Nelson 1999); it is almost certainly owner-made.

Davistown Museum Inventory of Tools - Maritime III

Measuring Tools

Status Location

DTM MH

TCS1002 **Marking gauge**

Fruitwood, 1' long, 3" wide, unsigned, c. 1820.

This is a depth measuring tool with a threaded screw; common to all carpenters' tool kits.

31808PC7 **Mortising gouge**

Natural steel, 12" long, 2 1/4" wide, unsigned.

<http://www.davistownmuseum.org/pics/31808pc7.jpg>

DTM MH

TCQ2201 **Navigational rule**

Wood, 24" long, 1 3/4" wide, 1/4" deep, unsigned.

DTM MHC-D

040103T8 **Parallel rule**

Rosewood and brass, 15" long, 2 1/4" wide, 5 1/4" wide when fully opened, unsigned.

This nicely made parallel rule was recovered with the mariners' rule (040103T3). Also used by architects and draftsmen, this rule was probably used for navigation.

http://www.davistownmuseum.org/pics/040103t8_p1.jpg

http://www.davistownmuseum.org/pics/040103t8_p3.jpg

DTM MH

91303T14 **Parallel rule**

Brass and rosewood, 6" long, unsigned.

Navigators and architects often used parallel rules. This one is the smallest size normally made.

DTM MH

71401T18 **Plumb bob**

Cast brass, 4 3/4" long, unsigned.

This is probably an early product of the Stanley Tool Co. and an excellent example of the most sought after of 19th century plumb bobs.

<http://www.davistownmuseum.org/pics/71401t18.jpg>

LPC MH

32708T51 **Trammel point**

Bronze and oak, 14" long, points 5" from screw to tip, unsigned.

<http://www.davistownmuseum.org/pics/32708t51-1.jpg>

DTM MH

TCP1002 **Try square**

Forged iron and wood, 7 5/8" long, 3 7/8" wide, unsigned.

This is a typical shop-made tool used on site by its maker.

DTM MH

71401T12 **Try square**

Cast steel, brass, and wood, 6 1/4" long, 3 5/8" handle, signed "Ridgewell Middletown CONN".

This try square is American-made but reflects the influence of Sheffield, England prototypes.

DTM MH

71401T11 **Try square**

Cast steel, brass, and wood, 4 3/8" long, 3 5/16" handle, signed "Walters Co Sollyworks Sheffield".

This is a typical c. 1800 imported English tool and is very similar to ID# 71401T12.

DTM MH

102100T11 **Violin makers' gauge**

Wood and brass, 8 1/4" long, unsigned.

DTM MH

81200T **Whitesmith caliper**

Forged iron, 26 1/2" long, 2 1/2" wide, unsigned, 1825 (?).

DTM MHC-F

Miscellaneous Items

31811T7 **Arrowhead**

Natural steel, 4" long, 1/2" wide, 1/8" thick, unsigned.

It is hand-forged.

DTM TT

70701T11 **Carriage-wheel hub**

Cast iron, 8" high, 4 1/2" diameter spokeholder, unsigned, c. 1820 - 50.

It is from a Searsport, Maine, wheelwrights' shop.

DTM MH

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Items

Status Location

DTM MH

70701T2 Carriage-wheel hubs (3)

Wood with steel ferrules, 6 3/4" high, 4" dia.; 6 3/4" high, 4 5/8" dia.; 7" high, 5 1/8" dia., unsigned, c. 1820 - 50.

These oak hubs are probably patterns or prototypes for a wheelwright, Searsport, Maine, origin. Also see the wheelwrights' balance at the Davistown Museum annex on the second floor of Liberty Tool Co. across the street.

Miscellaneous Tools

102100T10 Awl

DTM MH

Forged iron or steel, 6 1/8" long, unsigned.

TBF1007A Awls (3)

DTM MH

Forged iron or steel and wood, unsigned.

40501T5 Block

DTM MH

Wood, forged iron, and rope, 11" long excluding hook, unsigned.

This is a classic coasters' block with wood shives, typical of Maine coasting vessels of the 19th century.

51100T1 Block

DTM MH

Wood, rope, and iron, 12" high, 8 3/8" wide, 8" diameter, signed "D ADAMS MAKER BOSTON".

The block has boxwood shives. There is no D. Adams listed in DATM (Nelson 1999).

TCR1004 Box hook

DTM MH

Forged iron and wood, 8" in length, unsigned, c. 1820.

This hook is nicely forged, with distinct beveling. These were often used for unloading boxes and crates from ships.

TG1006 Brick chisel

DTM MH

Reformed steel, 5 3/4" long, 1 1/2" wide, unsigned.

It does not have a handle.

TCR1014 Brick chisel (?)

DTM MH

Forged iron, 7" long, 2 1/8" blade, unsigned.

102100T25 Chalk line

DTM MH

Wood, 6 1/4" long, unsigned.

This is a nicely turned example of a common 19th century tool.

913108T5 Clamp

DTM MH

Hand-forged wrought or malleable iron, 3 1/2" by 2 7/8" clamp with a 3" long screw, unsigned.

040103T10 Clamp

DTM MH

Forged iron, 12 1/2" closed, unsigned.

What was this clamp used for?

51606T7 Clamp

DTM MH

Forged iron, 11" long, unsigned.

The exact function of this hand-wrought and hand-filed tool is unknown.

10407T8 Iron ship fitting

DTM MH

Forged iron, unsigned.

The typical forged iron of the shipsmith, but what was it used for? It was found along the New England coast.

http://www.davistownmuseum.org/pics/10407t8_p2.jpg

32802T5 Lathing staff

DTM MH

Forged iron, 11" long, 5 9/16" cant, unsigned.

Joseph Moxon's "Mechanick Exercises" (1703) shows a lathing staff of iron on the plate of bricklayers' gear. It looks very similar to this tool. Joseph Gwilt mentions this tool in his "Encyclopedia of Architecture" (1826). We believe the lathing refers to tilers working with roofing tile. [Information courtesy of Elliot Sayward.] This tool was donated by Chris Harvey.

<http://www.davistownmuseum.org/pics/32802t5.jpg>

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Tools

913108T22 **Leather cutter**

Hand-forged and hand-filed malleable iron and steel, 5 9/16" long, 3 3/4" wide head, unsigned.
This tool was used for cutting a heart shape in leather or for some other unknown purpose.

Status Location
DTM MH

51201T14 **Lot of 21 tools**

Steel or wood, unsigned.

Eight steel tools (files, punches) and 13 wood items (handles, shims, and three wood balls used for measuring diameters). These are all from the Simon Willard toolbox.

http://www.davistownmuseum.org/pics/51201t14_p1web.jpg

<http://www.davistownmuseum.org/bioWillard.htm>

DTM MH

33002T21 **Oil stone**

Arkansas stone (?) and wood, 9 7/8" long, frame 10 1/16" long, unsigned.

DTM TT

81200T3 **Oil stone**

Arkansas stone (?) with a wood case, 7 7/8" long, 1 1/4" wide, unsigned.

DTM MH

52603T28 **Pry bar**

Forged iron, 9 1/2" long, unsigned.

DTM MH

51201T9 **Screw clamp**

Wood, 3 7/8" wide with 5" long wooden screws, signed with the mark "5".

This clamp is from the Simon Willard toolbox.

<http://www.davistownmuseum.org/pics/51201T9.jpg>

<http://www.davistownmuseum.org/bioWillard.htm>

DTM MH

81101T16 **Screw plate**

Cast steel, 10 1/8" long, 3 5/8" handle, signed "P. S. Stubs H".

This is an exquisite example of a Stubs tool. This screw plate is used to make clock and gun screws.

<http://www.davistownmuseum.org/bioStubs.htm>

DTM MH

TCR3500 **Screwdriver**

Wood and cast steel, 7 1/4" long, unsigned.

DTM MH

102904T4 **Screwdriver**

Steel, wood, brass, 32" long including an 8 3/4" handle, unsigned.

This extra large screwdriver has a turned wooden handle with a brass ferrule.

<http://www.davistownmuseum.org/pics/102904t4.jpg>

DTM MH

51100T3 **Screwdriver**

Cast steel, brass, and rosewood, 23 3/8" long, signed "J. W. Ferren".

No J. W. Ferren is listed in DATM (Nelson 1999); could this be an owner's mark?

DTM MH

913108T34 **Screwdriver**

Hand-forged malleable iron, 5" long, unsigned.

DTM MH

TCR2204 **Sharpening stone**

Unknown stone, 9" long, unsigned.

DTM MH

81101T8 **Slaters' rip**

Forged iron, brass ferrules, and wood handle, 15 7/8" long, 10 1/8" blade, unsigned.

DTM MH

41801T14 **Socket extension**

Forged iron, 7 1/2" long, unsigned.

This fits an early form of a bit brace. What was its use?

DTM MH

81200T8 **Soldering iron**

Forged iron and copper, 16 1/4" long, unsigned, c. 1820 - 1840.

This is typical of soldering irons used to solder copper plating on a ships' hull.

DTM MH

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Tools

3312T12 **Spear head**

Hand-forged malleable iron, 11 1/4" long, unsigned.
Courtesy of Liberty Tool Co.

Status Location
DTM TT

51201T13 **Stroup**

Leather and wood, 10 5/8" long, 1 5/16" wide, unsigned.
A stroup is used for keeping a fine edge on gouges by removing burrs.

<http://www.davistownmuseum.org/pics/51201T13.jpg>
<http://www.davistownmuseum.org/bioWillard.htm>

DTM MH

TG1007 **Tack pry**

Forged iron, 11 3/8" long, unsigned.
It is made from a file.

DTM MH

81200T2 **Turnscrew**

Wood, brass, and forged steel, 24 1/2" long, signed with owner's initials "C.B.N." on the wood handle, c. 1820 - 1840.

<http://www.davistownmuseum.org/pics/81200t2.jpg>

DTM MH

111001T39 **Turnscrew**

Wood, brass, and forged steel, 6 3/4" long, 3" handle, unsigned.

DTM MH

TCR1010 **Turnscrew**

Forged iron and wood, 8" long, unsigned, probably made 1820-1840.
This blacksmith-made turnscrew has a strongly beveled shaft.

DTM MH

71401T4 **Unidentified tool**

Forged steel, 22" long, unsigned.

DTM MH

82500T2 **Wrecking bar**

Forged iron, 26" long, 2 1/4" wide pry, unsigned, c. 1820 - 1840.
This is a blacksmith-forged wrecking bar with an exceptionally wide claw.

DTM MH

Other Tools

TKD3501 **Carved flower**

Wood, 10 1/2" high, 4 1/2" wide, unsigned.

This flower is European in origin, 17th or 18th century. It may have been a pattern fragment in a casting, or may have served a decorative function in an unknown context. It is another gem from the collection of Kenneth Lynch, who brought this item from Europe with the numerous tools he imported.

<http://www.davistownmuseum.org/bioLynch.htm>

DTM MH

TAB1301 **Clamp**

Wood, 30" high, 5" long and 5 1/4" wide base, unsigned.

We are not sure what the use of this tool would have been. Comments and opinions are solicited.

DTM MH

TAB3500 **Icons (2)**

Limestone (?), 7" high, 5" wide and 7" high, 3 1/2" wide, unsigned.

The age and function of these are unknown.

LPC MH

TCP1006 **Number stamps**

Forged iron, 2 1/4" long with 1/8" numbers, unsigned.

Eight hand-forged number stamps and also the letter "P", 5/16" high.

DTM MH

TGB2207 **Owl figurine**

Cast bronze (?), 4 1/2" long, 1 3/8" wide, unsigned.

DTM MH

TKD2001 **Pattern**

Brass and wood, 9 1/2" long, 2 1/4" wide, unsigned.

<http://www.davistownmuseum.org/bioLynch.htm>

DTM MH

Davistown Museum Inventory of Tools - Maritime III

Other Tools
Status Location
DTM MH

TKD3500 Pattern

Wood, 9 1/2" high, 9 1/4" wide, unsigned.

It is European, from the 16th or 17th century; another of the interesting accidental durable remnants in the Kenneth Lynch collection.

<http://www.davistownmuseum.org/bioLynch.htm>

TKD2003 Pattern of Greek warriors in combat

Wood, 11" high, 21" wide, unsigned.

This wooden pattern is of two Greek soldiers fighting. It was found at the Lynch foundry in Wilton, CT, but was originally discovered in Europe and brought to America by Lynch while amassing his huge tool collection. It's age is unknown.

<http://www.davistownmuseum.org/bioLynch.htm>

TAB3501 Patterns (2)

Wood and plaster, 5 7/8" long, 2 1/4" wide and 7 3/8" long, 3 1/2" wide, unsigned.

These are patterns used for fret work repairs by creating plaster models of fret work on classical revival furniture.

TCK1006 Tool carrier

Wood, 22 1/4" long, 12 5/8" wide, unsigned.

TG1008 Unidentified tool

Wood and reforged steel, 16" long, 14" wood handle, unsigned.

Quarrying Tools

TCU1002 Brick chisel

Forged iron, 7 1/4" long, 3/16" wide, signed "SHEARER" in two different places, also marked "SCF".

This chisel is characterized by 8 beveled surfaces. The quarrying tools in this display are difficult to date but range from 1820 to 1880.

81200T11 Cold chisel

Forged iron, 5" long, 1 1/4" wide peen, signed "M Fognaty".

This maker is not listed in DATM (Nelson 1999). This is a typical small quarry chisel.

TCU1006 Facing tool

Cast iron and forged steel, 6" long, 3/4" wide blades, unsigned.

The 4 inserted blades are held by a nut and bolt. The distinctly knurled handle suggests this quarry tool probably dates after the Civil War.

81602T10 Feathers (2) and wedge

Forged malleable iron, 11 1/2" long, 1 5/16" wide wedge; 12" long, 1 1/4" wide feathers, unsigned.

These are the largest set of feathers and wedge ever noted by the curator. These are used for really heavy cutting and splitting, probably in the coastal granite quarries.

81602T11 Granite facing tool

Cast steel, 9 5/16" long, 5/8" wide five toothed cutting edge, unsigned.

This elegantly chamfered hand-filed tool probably dates from the early years of the 19th century.

TCU1004 Square faced stone hammer

Cast iron, 5 5/8" long, 1 3/4" square faces, signed with an obscure maker's sign.

TCU3000 Stone chisel

Forged iron and steel, 9 1/4" long, 1 11/16" diameter forged steel cutter in a cross pattern, unsigned.

TCU1007 Stone drill

Forged iron, 8 1/2" long, 1/8" wide drill point, unsigned.

This primitive hand-forged drill is hard to date and could be 18th or 19th century.

TCR1018B Stone drill

Forged iron, 7" long, unsigned, c. 1820 (?).

Davistown Museum Inventory of Tools - Maritime III

Quarrying Tools

Status Location

TCU1001 Stone hammer

DTM MH

Forged iron and steel, 5 1/8" long, 15/16" square peen, signed "H.C. Briggs" on the handle, c. 1820-1840.

This hammer is made of forged iron with the typical layering of steel at the peen as well as at the face. There is no H.C. Briggs in DATM (Nelson 1999).

93011T15 Stonemakers' chisel

DTM TT

Malleable iron, 5 1/2" long, 2" wide, signed "J. BACKES" four times, possibly an owner's mark.

101900T2 Stove chisel

DTM MH

Forged steel (?), 4 1/4" long, 1 1/2" wide, unsigned.

This is a nicely beveled quarrymans' finishing chisel.

TCU1003 Toothed stone chisel

DTM MH

Forged iron or steel, 6" long, 1 1/4" wide, signed "J. GERM" with a second illegible signature.

It has six teeth. Five of the six distinctly beveled sides are signed; at least three signatures are J. Germ. This maker is not listed in DATM (Nelson 1999). Would Germ be an owner-maker?

TCU1005 Toothed stone chisel

DTM MH

Forged steel, 5" long, 1 1/8" wide, signed "T. GRANGER", c. 1840.

It has seven teeth. This maker is not listed in DATM (Nelson 1999).

TCU1008 Wedge

DTM MH

Forged iron and steel, 10 1/2" long, unsigned.

<http://www.davistownmuseum.org/pics/tcp1005a.jpg>

Shipwrights', Sailmakers', and Mariners' Tools

41302T13 Awl

DTM MH

Steel, brass, and rosewood, 4 1/8" long, unsigned.

This exquisite sailors' awl has a beautiful rosewood handle and would be typical of a seamans' tool chest, 1800 - 1840.

TCV1301 Awl

DTM MH

Forged steel, brass, and wood with a leather scabbard, 9 1/2" long with a 1 1/16" brass ferrule and a 6 1/2" scabbard, unsigned.

102100T19 Compass

DTM MH

Forged steel, 5" long, unsigned.

This is a generic ships' navigators' compass used throughout the 18th and 19th centuries on charts.

100400T9 Deadeye (3)

DTM MHC-K

Lignum vitae (?), one is 4" diameter; the other two are 3" diameter, unsigned.

TCV1001 Fid

DTM MH

Wood, unsigned.

A fid is used to loosen the strands of rope when splicing two pieces of rope together. They look like wooden Marlin spikes and are used by sailmakers.

TCV3000 Harpoon (?)

DTM MH

Bronze, 4 3/4" long, unsigned.

012705T2 Hawsing iron

DTM MH

Forged iron and steel, 21 1/2" long handle, 5 7/8" long and 3 3/4" wide curved blade, unsigned.

040103T7 Mariners' rule

LPC MH

Boxwood, 2' long, 1 3/4" wide, unsigned.

The rule is marked in great detail on both sides: Log, Rhumb, M Log, Chord, S Rhumb, T Rhumb, Number, Sine, W. Sine, Tangent, Meridian, Continent, eg2 Parts. Each designation is accompanied by numerical inscriptions the length of the rule. It is a most intriguing rule for navigation the old fashioned way. Rule 040103T8 was found with this rule.

http://www.davistownmuseum.org/pics/040103t7_p1.jpg

http://www.davistownmuseum.org/pics/040103t7_p2.jpg

TCV1002 Marlin spike

DTM MH

Forged or cast steel, unsigned.

Davistown Museum Inventory of Tools - Maritime III

Shipwrights', Sailmakers', and Mariners' Tools

| | | Status | Location |
|--|-------------------------------|--------|----------|
| 93011T16 | Marlin spike | DTM | TT |
| Malleable iron, 6" long, 5/8" diameter tapered, unsigned. It has a hole at the end for threading the rope. | | | |
| 30202T10 | Parallels | DTM | MH |
| Rosewood and brass, 6" long, unsigned. This is a typical example of a mariners' parallel except for the diminutive size. http://www.davistownmuseum.org/pics/30202t10.jpg | | | |
| 012705T4 | Reefing iron | DTM | MH |
| Forged iron and steel, 35 1/2" long handle, 7 1/4" long and 2 1/2" wide triangular blade, unsigned. | | | |
| 102911T2 | Sailmakers' hand fid | DTM | MH |
| Rosewood, 14" long, 2" diameter at hand end, signed "M" owners mark. This is from the early 19th century - most likely used on a large sailing schooner due to its large diameter. We are not sure of the rope composition on the turkshead. | | | |
| 7800T-1 | Sailors' awl and case | DTM | MHC-F |
| Wood, rope, and cast or forged steel, unsigned. | | | |
| 101701T19 | Sailors' awl case | DTM | MH |
| Wood and rope, 5" long, unsigned. Who made this wooden case with its finely woven cover? It is an excellent whatsit. | | | |
| TCV3500 | Sailors' whimsey | DTM | MH |
| Rope, 3" diameter, unsigned. | | | |
| 102503P1 | Sculling oar | LPC | MH |
| Wood, 75" long, 4 1/2" wide, unsigned. The wood shows evidence of canvas slips. The provenance of this oar is Merrymeeting Bay, Maine. It was used for early 19th century scalloping and shellfishing -- essentially, the early form of an oar. | | | |
| 61404T15 | Seam rubber | DTM | MH |
| Wood, 5 5/16" long, 2 1/16" wide, unsigned. A seam rubber is used to flatten the seams and creases in a sail. http://www.davistownmuseum.org/pics/61404T15.jpg | | | |
| 42604T10 | Serving tool | DTM | MH |
| Wood, 4 4/4" long including 3 1/8" handle, 3 1/3" wide, 1 1/4" diameter serving surface, unsigned. | | | |
| TCV1004 | Serving tool | DTM | MH |
| Wood, 5 3/8" long, 1 3/4" wide server, unsigned. | | | |
| TEV1006 | Serving tool | DTM | MH |
| Wood, 8 5/8" long, 1 3/4" wide, unsigned. | | | |
| TCV1003 | Serving tool | DTM | MH |
| Wood, 11 1/4" long, 2 3/8" wide, unsigned. If these tools weren't used to guide the ropes when raising or lowering the sails, what were they used for? | | | |
| 41302T9 | Ship carpenters' bevel | DTM | MH |
| Wood, iron, brass, and copper, 10 3/8" long with 3 bevels, unsigned. It is handmade with mahogany from the West Indies. This is the traditional bevel of a ships' carpenter commonly used prior to the era of factory made bevels (after 1850). | | | |

TCC2005 Shipwrights' slick

Status Location
DTM MH

Cast steel with wood handle, 14 1/2" long, 3 1/2" wide, 10" handle, signed "WARRANTED CAST STEEL" and "TINKHAM". Other than "warranted cast steel," this tool has no manufacturer's touch mark. The slick has an owner's sign (?) "Tinkham" and is part of our collection of Tinkham artifacts and papers that are on display in the Museum. This slick came from a ship carpenters' tool box discovered in Foxboro, MA, several years ago and was undoubtedly used by one of the Tinkham clan, probably in the shipyards of New Bedford, Fairhaven, or Mattapoisset, MA. C. 1810 - 1850. This slick is similar to signed specimens produced by the prolific Underhill clan of Nashua, NH.

<http://www.davistownmuseum.org/pics/tcc2005.jpg>
<http://www.davistownmuseum.org/bioTinkham.htm>

TCV1005 Shuttles

DTM MH

Wood, 1' long, unsigned.
A shuttle is used in net or sail making.

040904T2 Tanged slick or French chisel

DTM MH

Forged weld steel (German?) and iron, wooden handle, 12 1/2" long with a nicely turned wood handle with iron ferrule 6 1/4" long, 2 1/2" wide, signed "FERDIN" "RUBENS" with a bell shaped touchmark. This forge-welded edge tool is from a Mt. Desert Island boatyard. It is European in style and was probably brought to Maine from France sometime in the early 19th century. It is used for cleaning up the sides of large mortises in and for leveling surfaces such as on the deck of a ship. Slicks are particularly useful to shipwrights in areas that cannot be reached by an adz. They are often pushed by the shoulder, hence the swollen top of the wooden handle.

http://www.davistownmuseum.org/pics/040904t2_p3.jpg

TBG1002 Turned net weight

DTM MH

Lead (?) interior, 1 5/8" diameter, unsigned.

Unidentified Tools

70701T3 Unidentified tool

DTM MH

Wood, cast steel, and brass, 10" long, 1/2" x 3/4" serrated cutting attachment, signed "SFL".

040103T11 Unidentified tool

DTM MH

Forged iron, 13 1/2" long, 2 1/2" lower jaw, 3" upper jaw, unsigned.
The jaws on this unusual tool do not meet. What would its use have been?

22601T6 Unidentified tool

DTM MH

Wood and stone, 5" long with a 3" sandstone burnisher, unsigned.
Could this tool be a burnisher?

92901T3 Unidentified tool

DTM MH

Wood, 15" long with a 10" breast plate similar to that of a breast drill, unsigned.
This tools use is unknown.

Watchmakers and Jewelers' Tools

32502T46 Anvil

BDMT MH

Cast steel, 3" long including tang for pritchel, unsigned.
<http://www.davistownmuseum.org/bioEpstein.htm>

32502T1 Box

BDMT MH

Walnut with brass hardware, 13 3/4" x 12 3/4" x 4 1/8" high with two hinged lids, signed "BERTIE FAXON Brookville #4 c. 1800" on a brass label on the box. This box contains the Norman Epstein hoard of jewelers and watchmakers tools. Does Bertie Faxon have any relationship to Richard Faxon edge toolmaker of Braintree, MA, c. 1795? The Liberty Tool Co. recycled at least five of his edge tools (broad axes, draw knives) in the 1970s.
<http://www.davistownmuseum.org/bioEpstein.htm>

32502T40 Burnisher

BDMT MH

Cast steel, unsigned.
It has no handle.
<http://www.davistownmuseum.org/bioEpstein.htm>

Davistown Museum Inventory of Tools - Maritime III

Watchmakers and Jewelers' Tools

| | Status | Location |
|---|--------|----------|
| 32502T10 Chasing tools (3) | BDTM | T |
| Cast steel, 2 1/2" to 3 1/2" long, signed with unknown touchmarks. http://www.davistownmuseum.org/bioEpstein.htm | | |
| 3405T1D Draw plate | DTM | MH |
| Steel, 4" long, 1 3/16" wide, circular holes, signed "Joubert France Garantie" and "A" with a crown touchmark. It is also numerated 1 - 20. | | |
| 3405T1A Draw plate | DTM | MH |
| Steel, 4 1/16" long, 1 1/4" wide, square holes, signed "Perelet France Garantie" and "L24". It is also numerated 1 - 20. The two drawplates signed Perelet and the two signed Joubert are nice examples of 19th century German steel tools used by a jeweler for wire drawing. They are French toolmakers, working dates are not available. | | |
| 3405T1C Draw plate | DTM | MH |
| Steel, 4 1/2" long, 1 3/16" wide, circular holes, signed "Joubert France Garantie" and "B" with a crown touchmark. It is also numerated 1 - 20. | | |
| 3405T4 Draw plate | DTM | MH |
| Steel, 3 13/16" long tapering to 15/16" wide, signed "MARTIN", "FITA", "GARANITIE", "36", "L" and numbered 0 - 14 including four zero sizes. Fourteen is the smallest diameter mark. This is an interesting example of an early 19th century French jewelers' drawplate. | | |
| TCP1003 Draw plate | DTM | MH |
| Cast steel, 6 1/8" long, 3" wide, unsigned. It has numbers on it indicating the hole diameters. | | |
| 3405T1B Draw plate | DTM | MH |
| Steel, 4 7/8" long, 1 5/8" wide, 1/2 oval holes, signed "Perelet France Garantie" and "L3L". It is also numerated 1 - 20. | | |
| 32502T9 Etching and scribing tools (5) | BDTM | MH |
| Wood handles, 3 rosewood, 2 unknown tropical wood with brass ferrules, 4 1/2" to 6" long, unsigned. One has a steel file and one a diamond cutter with a diamond tip. The other three have steel, brass, or iron tips. http://www.davistownmuseum.org/bioEpstein.htm | | |
| 32502T12 Float | BDTM | MH |
| Cast steel, 3" long with 1" float surface, unsigned. The long end is a fine filing surface. http://www.davistownmuseum.org/bioEpstein.htm | | |
| 31011T7 Hammer head | DTM | TT |
| Cast steel, 2" long, 3/8" wide, 1/4" diameter round head, straight closed claw, signed "P S STUBS" "1". http://www.davistownmuseum.org/bioStubs.htm | | |
| 32502T24 Hand spindles (3) | BDTM | MH |
| Cast steel, brass, and wood, 5 1/16", 4 3/4", and 3 3/8" long, unsigned. http://www.davistownmuseum.org/bioEpstein.htm | | |
| 32502T25 Jewelers' anvils (2) | BDTM | MH |
| Bronze, 3 11/32" long, 3/4" wide and 3 3/8" long, 5/8" wide, unsigned. One is more highly finished than the other. http://www.davistownmuseum.org/bioEpstein.htm | | |
| 32502T4 Jewelers' files | BDTM | MH |
| Cast steel, various lengths, signed "Graves & Sons" "W Greaves" "Lord & Co." "Triumph Smart & Child Co." "J. M. Martin" (2) "P. Ashton" (2) "Martin CS" "RS Sanders" (2) "Spanale" "RAINE". "R M Cock" "Grobet" (2) "Friely". This Epstein hoard file lot illustrates the wide variety of European sources for steel files: English, German, French, and Italian. http://www.davistownmuseum.org/bioEpstein.htm | | |

Davistown Museum Inventory of Tools - Maritime III

Watchmakers and Jewelers' Tools

| | | Status | Location |
|---|--|--------|----------|
| 32502T2 | Jewelers' files (30) | BDTM | MH |
| Cast steel or iron, 3" to 6" long, signed with obscure marks or no mark. http://www.davistownmuseum.org/bioEpstein.htm | | | |
| 32502T3 | Jewelers' files (7) | BDTM | MH |
| Cast steel, 3 1/4" to 6 3/4" long, signed "Stubs". http://www.davistownmuseum.org/bioEpstein.htm | | | |
| TJG3000 | Jewelers' hammer | DTM | MH |
| Cast steel and wood, 9 1/4" long including the handle, 2 3/16" long head with a 5/8" diameter face, signed with an obscured signature. | | | |
| TST3000 | Jewelers' wire snips | DTM | MH |
| Cast steel and iron, 5 3/8" long, signed "P S STUBS". This is another of Stubs finely made imported tools. http://www.davistownmuseum.org/bioStubs.htm | | | |
| 32502T18 | Ladle | BDTM | MH |
| Cast iron, bronze, and wood, 6" long, unsigned. http://www.davistownmuseum.org/bioEpstein.htm | | | |
| 32502T47 | Ring sizer | BDTM | MH |
| Wood, 11 7/8" long, 3/4" maximum diameter at head of taper, unsigned. This is used for measuring ring diameters. http://www.davistownmuseum.org/bioEpstein.htm | | | |
| 32502T22 | Scale level | BDTM | MH |
| Brass, 3 1/4" long, 1 1/16" wide, signed "PR" (by the owner) and marked "1 - 18". http://www.davistownmuseum.org/bioEpstein.htm | | | |
| 32502T23 | Scale level | BDTM | MH |
| Brass, 5 5/8" long, 13/16" wide, signed "Sussfeld Lousch & Co New York", "Lepine", "Lever" with scale 000 to 30 and 1 - 27. http://www.davistownmuseum.org/bioEpstein.htm | | | |
| 32502T21 | Scale level | BDTM | MH |
| Brass, 5 3/4" long, tapered, unsigned. It is marked "1 - 32" for measuring. http://www.davistownmuseum.org/bioEpstein.htm | | | |
| 111001T6 | Screw plate | DTM | MH |
| Cast steel, 9" long, signed "P.S. Stubs" and marked "19". Screw plates are used by jewelers and watchmakers for threading fine brass and steel wire to make screws. http://www.davistownmuseum.org/bioStubs.htm | | | |
| 32502T42 | Screwdriver | BDTM | MH |
| Brass, 3 15/16" long, unsigned. http://www.davistownmuseum.org/bioEpstein.htm | | | |
| 041505T28 | Spinning tool | DTM | MH |
| Pewter, steel, and wood, 15" long including a 14" wood handle, 2 1/2" long pewter ferrule, unsigned. The wood handle holds the tanged steel chisel. This cutting tool is clearly made of recycled file steel. It is an uncommon tool from a long lost trade. | | | |
| 41801T11 | Tongs | DTM | MH |
| Forged iron, 16 1/4" long, jaws are 1 5/8" long, 7/32" wide, unsigned. This is the smallest, most delicate pair of jewelers' tongs in the Museum collection. | | | |
| 32502T20 | Width and depth gauges (set of 8) | BDTM | MH |
| Brass, the marks don't match the apparent sizes, unsigned. They are marked "1/4", "1/8", and "1". http://www.davistownmuseum.org/bioEpstein.htm | | | |

32502T41 Wrenches (2)

BDTM MH

Cast steel, unsigned.

<http://www.davistownmuseum.org/bioEpstein.htm>

Woodworking: Axes and Hatchets

032203T4 Broad ax

DTM MH

Forged iron and weld steel, wood handle, 12 1/2" long blade, 8 3/4" wide from poll to blade, 19" handle includes a 4 1/2" insert, unsigned any marks on the insert are no longer visible.

This heavily pitted generic 19th century broad ax was found in the woods near Portland, ME, and is the typical broad ax used by shipbuilders to rough out large beams and keels. A tool of this design would have been found in the shipyards of Maine at any time during the 19th century, but is certainly typical of those edge tools used ca. 1820. This tool was donated to The Davistown Museum by Bob Wheeler.

http://www.davistownmuseum.org/pics/032203t4_p2.jpg

http://www.davistownmuseum.org/pics/032203t4_p1.jpg

42604T3 Broad ax

DTM MH

Forged iron, weld cast steel, wood, 11 1/4" long and 6 1/2" wide blade, 2 1/2" poll, 32" wooden handle, signed "UNDERHILL" "EDGETOOLCo" "WARRANTED" "CAST STEEL".

100400T15 Broad ax

DTM MH

Cast steel and wood, 19 1/2" handle, 9" wide blade with 3 1/2" poll, unsigned.

<http://www.davistownmuseum.org/pics/100400T15.jpg>

111001T17 Felling ax

DTM MH

Iron and steel, 6 1/2" long head, 4 3/8" wide cutting edge, unsigned.

A classic example of the ax makers trade: the steel blade is clearly welded onto the iron casing. It predates the era of the one piece cast steel or drop-forged steel ax.

914108T8 Hatchet

DTM MH

Malleable iron and steel, weld steel cutting edge, and wooden handle, 6 1/4" long and 3 1/3" wide blade, 10 1/4" long handle, signed "E. COB".

42607T6 Hatchet

DTM MH

Cast steel, 4 3/4" long, 1 15/16" wide blade with a 1" square poll, unsigned.

This small hatchet appears to be one piece all cast steel.

TCC3005 Hatchet

DTM MH

Forged iron and steel, 3 1/4" wide blade, signed "Gray's", with "0" above the touch mark.

DATM (Nelson 1999) lists a Gray (no dates) as an ax maker in Kingston, MA.

TCC3000 Hatchet

DTM MH

Cast steel and wood, 3 3/8" long with a 1 7/16" blade, signed "L. OLSEN".

100400T12 Hewing ax

DTM MH

Wood and forged iron, 28" long, with a 9 1/2" long and 6" wide head, signed with an obscure signature.

<http://www.davistownmuseum.org/pics/100400t12.jpg>

111002T2 Hewing ax

DTM MH

Forged iron and steel, 30" long, blade 5 1/2" wide and 8" long, signed "I H. Harrison No 4".

DATM (Nelson 1999) notes an I W Harrison, no place or date. This tool is clearly marked I H. There is no evidence of an iron-steel interface. This may be an early American cast steel ax or a product of Sheffield, England. The number mark is distinctly American. The poll has an unusual hand punched (?) triangle decoration on all sides ranging in size from 3/4" to 3/16" high. The poll also shows distinct signs of hand filing.

http://www.davistownmuseum.org/pics/111002t2_pic1.jpg

http://www.davistownmuseum.org/pics/111002t2_sig.jpg

TCC2006 Hewing ax

DTM MH

Cast steel, 12" long, 5 5/8" blade, signed "J. Emory, cast steel", c. 1820.

Emory is almost certainly an American maker, but not listed in DATM (Nelson 1999).

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Axes and Hatchets

| | | Status | Location |
|--|-------------------------------|--------|----------|
| 12801T6 | Hewing ax | DTM | MH |
| <p>Cast steel, wood handle not original, 10 7/16" long, 6 3/4" wide cutting blade, signed "J HATCH CAST STEEL". No Hatch ax makers are listed in DATM (Nelson 1999).</p> <p>http://www.davistownmuseum.org/pics/12801t6_p2.jpg http://www.davistownmuseum.org/pics/12801t6_p3.jpg</p> | | | |
| 111001T1 | Hewing ax | DTM | MH |
| <p>Cast steel, 6 1/4" wide blade, signed "J. Hatch CAST STEEL". No J. Hatch is listed in DATM (Nelson 1999). This is a second example of the work of the unidentified J. Hatch.</p> | | | |
| TAX3500 | Hewing ax | DTM | TT |
| <p>Forged iron and steel, 6" long with 4 1/4" blade, signed with an obscured manufacturer's sign and with a number "3". This 19th century ax is an excellent example of the American designed ax, which was substituted for the lighter in weight English trade axes that the first settlers brought to America. The lighter English axes with their lack of a poll were impractical for cutting the large tracts of forested land in New England. In the late 18th century American blacksmiths' designed new heavier axes that were much more practical to use in cutting and clearing the forests of New England and the eastern United States. This ax is the best example in the museum collection of this new type of ax with its heavier poll, which played such an important role in frontier communities. The transition from the steel blade to the forged iron poll is clearly visible in this specimen.</p> <p>http://www.davistownmuseum.org/pics/tax3500.jpg</p> | | | |
| 040904T5 | Hewing ax | DTM | MH |
| <p>Forged steel, 10 1/4" long, 7 15/16" wide, signed "T. ROGERS". T. Rogers is not listed in DATM (Nelson 1999). This is another undocumented New England edge toolmaker, probably from interior N.H. or Maine.</p> <p>http://www.davistownmuseum.org/pics/040904t5_p4.jpg http://www.davistownmuseum.org/pics/040904t5_sig.jpg</p> | | | |
| 12801T5 | Hewing ax | DTM | MH |
| <p>Forged iron with steel cutting edge and nicely offset handle, 10 3/4" long, 6" wide cutting edge, 29 3/4" long handle, signed "A HIGHT SCARBORO". The Registry of Maine Toolmakers (Brack 2008) lists Amos Hight as working between 1832-56. Perhaps he was related to George Hight of Gorham, also making edge tools and knives as early as 1815. This ax was located by Dana Phillippi of Liberty, Maine.</p> <p>http://www.davistownmuseum.org/pics/12801t5_p3.jpg http://www.davistownmuseum.org/publications/volume10.html</p> | | | |
| 72801T2 | Mast ax | DTM | TT |
| <p>Forged iron and steel, wood handle, 10 3/4" long, 7" wide blade, 28" handle, signed "PAYSON". Payson is not listed in DATM (Nelson 1999); there are three different Payson's in the Registry of Maine Toolmakers. This ax has a Portsmouth, NH, area origin and illustrates the Kent pattern.</p> <p>http://www.davistownmuseum.org/pics/72801t2.jpg http://www.davistownmuseum.org/publications/volume10.html</p> | | | |
| 72206T3 | Mortising ax | DTM | MH |
| <p>Iron and forged steel with a clearly welded steel interface, 10" long, 1 5/8" vertical cutting blade, unsigned. This early 19th century ax was probably used for cutting holes for shipwrights' treenails (trunnels). Compare it to mortising ax ID# 72206T2; this ax has a shorter reach and may have been used on smaller coasting vessels.</p> | | | |
| 72206T2 | Mortising ax | DTM | TT |
| <p>Forge-welded iron and steel, 12 3/4" long, 1 1/4" wide, unsigned. The body of the tool is wrought iron with a clearly scarfed wedge of welded, forged, probably blister steel as the cutting edge. It is from the early 19th or possibly late 18th century. It has a horizontal cutting blade and is a typical shipsmith product, used by a shipwright to cut the hole for a treenail (trunnel).</p> | | | |
| 7309T2 | Offset angle hewing ax | LPC | MH |
| <p>Forged iron, steel, and wood handle, 8 1/2" long, 6 3/4" wide cutting blade, 46" handle, signed "FAXON". There is no hint of a welded steel cutting edge. This tool is too sharp to be a grub hoe.</p> <p>http://www.davistownmuseum.org/pics/7309t2web-2.jpg http://www.davistownmuseum.org/pics/7309t2web-1.jpg</p> | | | |

81602T9 Offset mast ax (small broad ax)

DTM MH

Cast steel (?), 10 1/2" long, 6 15/16" wide blade, signed "BROAD ST. JOHN NB".

Broad is one of many edge toolmakers in the important shipbuilding and toolmaking community of St. John, New Brunswick, Canada. Just up the Bay of Fundy from coastal New England, St. John toolmakers, including John Fowler, supplied high quality tools to the shipwrights living west of St. John throughout the 19th century. Possibly this mark is that of H. Broad (see the bio link).

http://www.davistownmuseum.org/pics/81602t9_pic2.jpg
<http://www.davistownmuseum.org/publications/volume10.html>

Woodworking: Axes and Hatchets Made in Maine

100605T3 Broad ax

DTM TB

Cast steel with wooden handle, 11" long, 7 3/4" wide blade, new 30" long handle, signed "C. HUNTER BINGHAM" " CAST STEEL WARRANTED".

This ax was found in Maine and was possibly made in Bingham. The initial C. in the mark is hard to read and may be something else.

<http://www.davistownmuseum.org/pics/100605t3.jpg>
<http://www.davistownmuseum.org/publications/volume10.html>

21201T2 Hewing ax

DTM MH

Forged iron and natural steel (?), 10 3/4" long, 7 5/8" blade, 3" poll, signed "WHORFF MADISON".

This tool has no clearly delineated welded steel-iron interface nor any mark suggesting it is cast steel. The ax is not obviously forge-welded, raising the intriguing question: was this tool drop-forged (then hand stamped) from puddled or German steel, one of the alternative steelmaking strategies of the mid-19th century, before the era of bulk processed steel, which was not suitable for edge tool production. A gift to the Davistown Museum from Rick Floyd of Newport, ME. More information on Whorff is available in the Registry of Maine Toolmakers (Brack 2008).

<http://www.davistownmuseum.org/pics/21201t2.jpg>
<http://www.davistownmuseum.org/bioWhorff.html>

21201T1 Hewing ax

DTM MH

Cast or forged steel, 10 3/8" long, 7 5/8" wide blade, 3 1/4" poll, signed "B GRAVES SOLON".

This Maine ax maker is not listed in either DATM (Nelson 1999) or Yeaton's (2000) "Axe Makers of Maine". This important Maine tool by a previously unidentified Maine toolmaker was a gift to the Davistown Museum from Rick Floyd of Newport, ME.

<http://www.davistownmuseum.org/pics/21201t1.jpg>
<http://www.davistownmuseum.org/publications/volume10.html>

Woodworking: Boring Tools

102904T7 Auger

DTM MH

Forged iron, wooden handle, 15 3/4" long with a 17 5/8" long handle, 1 3/4" wide cutter, signed "HAYER T HAYER" and "8".

This auger has clearly been hand wrought with beveling on its handle. No T. Hayer is listed in DATM (Nelson 1999). The 8 mark suggests a 2" cutting dimension. It is of New England origin and represents another unknown New England Toolmaker.

http://www.davistownmuseum.org/pics/102904t7_p2.jpg

TCE1003F6 Auger bit

DTM MH

Forged iron, 1 1/4" double notched bit, signed "TOWNE SNELL 5".

Towne Snell is listed in DATM (Nelson 1999) without a date or location. This was a predecessor to the famous Snell Mfg. Co.

TCE1003A1 Auger bit

DTM MH

Forged iron, signed "J T Pugh Phila PA 16".

This maker is listed in DATM (Nelson 1999) without any data.

TCE1003C3 Auger bit

DTM MH

Forged iron, 1/2" diameter cutter, signed with the mark "No 8", c. 1820 - 1840.

This is a typical notched auger bit.

TCE1003D4 Auger bit

DTM MH

Forged iron, 1" diameter cutter, signed "LG HALL 16".

This maker is not listed in DATM (Nelson 1999).

TCE1003E5 Auger bit

DTM MH

Forged iron, 9/16" diameter cutter, signed with a tiny touchmark.

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Boring Tools

TCE1003G7 Auger bit

Forged iron, 3/8" diameter cutter, signed "T. DAVIS & CO No 6".
This maker is not listed in DATM (Nelson 1999).

Status Location
DTM MH

TCC3011 Burin

Cast steel and wood, 4" long, unsigned.
This commonplace tool is refashioned out of an old file and has a beautifully turned handle.

DTM MH

TCE1004 Carpenters' nut auger

Forged iron, 15 3/4" long, signed with an obscured signature and "5" with a superscript "2".
It has no handle.

DTM MH

TCE1001 Pod auger

Forged iron, 13 1/2" long, 15" handle, signed with an obscure maker's sign.

DTM MH

TCE1002 Pod auger

Forged iron, 8 3/8" long, 5 1/4" wide handle, signed "HARRESON".
DATM (Nelson 1999) has 6 entries for Harrison, all working during the 19th century, but no Harreson.

DTM MH

TCE3000 Pod auger

Forged iron or steel, 5 1/4" long, unsigned.

DTM MH

102100T23 Pod augers (4)

Cast steel, 8 3/8" long, 7 1/2" long, 7 3/8" long, 6" long, signed "IBBOTSON & Co CAST STEEL".
These are imported English tools made by one of England's more prolific edge toolmakers. They were made for the American trade.

DTM TT

913108T30 Tap

Steel and wood, 3 1/2" long with a 2 5/8" long metal end, 3" wide handle, unsigned.
This is a wooden tap for making a hole in a piece of wood.

DTM MH

31602T5 Taper bit

Cast steel, 12 1/4" long, 2" wide at top, signed "F. Walker Sheffield".
The most depth at the shoulder is 7/8".

DTM MH

Woodworking: Edge Tools - American Made Cast Steel

TCC2011 Claw hatchet

Cast steel with wood handle, 12" long with a 2 7/8" blade, signed "JOEL HOWE PATENT".
DATM (1999) lists Joel Howe as a manufacturer of hammers and hatchets, Medford, MA, 1834. The pattern of this tool echoes mid-18th century English designs. See Diderot (1964). Did Howe learn his trade in Sheffield and then emigrate to the United States as did many other toolmakers? This is one of the finest as well as most enigmatic tools in the Museum's Archaeology of Tools.

<http://www.davistownmuseum.org/pics/tcc2011.jpg>

BDTM TT

111001T2 Corner chisel

Cast steel and wood, 5" handle, 1 1/16" x 1 1/16" cutting edges, signed "J.CRAY" and "CAST.STEEL".
DATM (Nelson 1999) does not list any J. Cray edge toolmaker. This chisel was associated with a Marshfield, MA boatbuilders' tools which included one Tolman plane.

http://www.davistownmuseum.org/pics/111001t2_p1.jpg

http://www.davistownmuseum.org/pics/111001t2_p2.jpg

DTM MH

TCC2008 Corner chisel

Cast steel, 16 3/4" long, 11/16" wide, unsigned, c. 1820.
This unusual tool is a one-of-a-kind and utilizes cast steel billets. It is typical of a blacksmith shop-made edge tool.

DTM MH

101701T1 Drawknife

Cast steel with wood handle, 17 3/8" wide, 12" blade, signed "LAVERY CAST STEEL", c. 1820.
One wood handle is missing. DATM (Nelson 1999) does not list any Lavery as a maker of edge tools. This appears to be American. Who was Lavery and where did he work?

DTM MH

51100T8 Drawknife

DTM MH

Cast steel and wood, 10 1/4" long, 6" blade, signed "R. Dickinson Warranted".

DATM (Nelson 1999) lists an F. Dickinson Warranted mark used by chisel-maker Friend Dickinson of Higganum, CT, in 1849.

TCC2001 Drawknife

DTM MH

Cast steel, brass, with wood handle, 18 1/2" length, 12" blade, signed "BROWN & WALKER WARRANTED CAST STEEL".

The maker is not listed in DATM (Nelson 1999). Where did Brown & Walker manufacture their tools?

<http://www.davistownmuseum.org/pics/TCC2001.jpg>

http://www.davistownmuseum.org/pics/TCC2001_sig2.jpg

913108T51 Drawshave

DTM MH

Malleable iron, welded cast steel, and wood, 15 1/2" long, 9 1/4" long blade, signed "CAST" and "STEEL" in a box and "I. POPE" in a box.

The signature is of a late 18th century style.

10700T5 Gouge

DTM MH

Cast steel, brass, and wood, 10" long, 1/2" wide, signed "Tremont Co".

There is no Tremont listed in DATM (Nelson 1999).

102100T26 Gouge

DTM MH

Cast steel, wood, brass, 9 5/8" long with a 4" long and 3/8" wide blade, signed "Charles Buck CAST STEEL".

<http://www.davistownmuseum.org/bioBuckBrothers.html>

TCC2002 Gouge

DTM MH

Cast steel, 14" long, gouge 2" in diameter, signed "Holland & Turner, cast steel".

We don't know whether this is an English-made tool from Sheffield or a later American-made tool, it's not listed in DATM (Nelson 1999). Additional information on Holland & Turner is wanted.

TCC3001 Gouge

DTM MH

Cast steel with wood handle, 7 5/8" long, 3/8" wide blade, signed "F. Stones".

It has a strongly beveled handle. DATM (Nelson 1999, 761) lists F. Stones as a maker of chisels and plane irons (no location or dates.)

31212T15 Inside bevel gouge

DTM TT

Cast steel, iron ferrule, hickory handle, 20" long, 1 1/2" wide edge, signed "J. GRAY CAST STEEL".

This gouge is obviously hand-forged, as is the iron ferrule on the butt. John Gray worked out of Kingston, Massachusetts circa 1840s, but local historical records of his existence are scant at best. Courtesy of Liberty Tool Co.

31212T16 Inside bevel gouge

DTM TT

Cast steel, hickory handle, 15 1/8" long, 1" wide edge, signed "J. GRAY CAST STEEL".

This gouge is obviously hand-forged. John Gray worked out of Kingston, Massachusetts circa 1840s, but local historical records of his existence are scant at best. Courtesy of Liberty Tool Co.

31212T18 Mortising chisel

DTM TT

Malleable iron and cast steel, 6" long, signed "JAMES MCWARTH CAST STEEL".

This crudely cast chisel shows signs of hand-forging. Courtesy of Liberty Tool Co.

100400T16 Peen adz

DTM MH

Weld - cast steel, 9 1/4" long, 4 1/8" wide blade, signed "HOLLAND CAST STEEL" with 4 small suns and an oval with a keyhole inside it.

DATM (Nelson 1999) lists a Holland as a maker of drawknives, no date or location. This tool has a New England provenance - who made it and where? While the date of manufacture of this peg poll adz is uncertain, it could typify the working tool box of any shipwright working in Maine, c. 1840. This tool raises the question of when, even if in small quantities, cast steel tools were made in America. Was the cast steel in this tool imported from England before being transformed by a small American workshop into this edge tool? Or did "Holland" have his own foundry and manufacture the cast steel used for this tool from wrought iron now readily available from US puddling (reverberatory) furnaces?

<http://www.davistownmuseum.org/pics/100400-16.jpg>

3405T7 Saw set

DTM MH

Cast steel and boxwood, 8" long including a 4 1/8" long wooden handle, signed "W & C WYNN H.22 CAST STEEL" and signed on verso by the owner "D C Stetson".

DATM (Nelson 1999, 884) lists W. & C. Wynn with no location or date. This nicely made saw set appears to be early 19th century.

TCR1005 Scraper

DTM MH

Cast steel and wood, 9" long, 2 3/4" wide blade, signed "H. M. INMAN".

This maker is not listed in DATM (Nelson 1999). Is this the manufacturer's signature or the owner's signature? What was this old scraper used for? This tool was found in a ship carpenters' tool chest.

TCC2011A Socket chisel

DTM MH

Cast steel, 9" long and 1/4" wide, signed "TILTON & WHEELWRIGHT MANUFG. CO. WARRANTED CAST STEEL".

This maker is not listed in DATM (Nelson 1999). Who was Tilton & Wheelwright and where did they manufacture their tools?

TCC2004 Socket chisel

DTM MH

Cast steel, wood, and iron, 2 1/2" wide, 17 3/4" long, signed "J. BRIGGS" "CAST-STEEL" and "#" on the opposite side, c. 1800.

The handle has a forged ferrule. This tool has a distinctly forged socket. It is not specifically listed in DATM (Nelson 1999) but many Briggs are noted as toolmakers.

<http://www.davistownmuseum.org/pics/tcc2004.jpg>

TCC2003 Socket chisel

DTM MH

Cast steel, forged iron, and wood, 1 1/2" width, 13 3/4" length, signed with multiple signatures "B.D. Hathaway" "J. F. Marbel".

B.D. Hathaway is listed in DATM (Nelson 1999) as a New Bedford MA, edge toolmaker, 1836 f. The second signature, within an 18th century cartouche, is "J. F. Marbel" and is not listed in DATM. This tool was probably used in shipyard work in New Bedford during the florescence of the whaling industry. The handle has a forged ferrule and the socket shows clear signs of hand forging. It is an interesting example of the adaptation of cast steel manufacturing process at an early date by a U.S. manufacturer. Since the touchmark is earlier than the later manufacturer's signature (Hathaway), could this tool have originally been manufactured in England and then brought to the United States for finish work? Or was this tool made in two stages by American makers? Who is J.F. Marbel? Please contact the Museum if you believe any of these maker's marks are those of Sheffield toolmakers.

<http://www.davistownmuseum.org/pics/TCC2003.jpg>

http://www.davistownmuseum.org/pics/TCC2003_sig.jpg

42602T5 Socket chisel

DTM MH

Cast steel, 6 3/4" long, 5/16" wide, signed "S. W. DROWN CAST STEEL".

DATM (Nelson 1999) lists a Drown & Walker as chisel makers, no date or location. Who was S. W. Drown and when and where did he work? One of the many mysteries in the collection of The Davistown Museum. Information is welcomed.

TCC2010 Socket chisel

DTM MH

Cast steel, 9" long, 1/2" wide, signed "SALISBURY & ALDEN STAFFORD CT CAST STEEL" with an eagle mark.

The company is listed in DATM (Nelson 1999) without a date.

102904T13 Socket gouge

DTM MH

Forged iron and welded cast steel, wooden handle, iron ferrule, 15 2/8" long including 4 3/4" long handle, 5/8" wide, signed "J. GRAY CAST STEEL".

J. Gray is from Kingston, MA, c. 1849. He made edge tools used by the Rochester, MA, shipbuilders to create the New Bedford whaling ships. Did he use imported English cast steel or a local source of slightly inferior American cast steel? The primitive hand-forged appearance of this gouge suggests that it may have been made prior to the working dates listed by DATM -- was there more than one J. Gray working in Kingston, MA, which was a center of edge tool production utilizing local bog iron beginning at least as early as the mid-18th century?

http://www.davistownmuseum.org/pics/102904t13_p1.jpg

52603T2 Tang chisel

DTM MH

Cast steel with brass handle, 10 1/4" long, 4" head, unsigned.

10407T3 Wheelwrights' shave

DTM MH

Malleable iron or German steel, wooden handles, 12" long, 1 12/16" wide and 7/8" deeply curved cutting edge, unsigned.

Previously described as a coopers' shave and shown on the Martha Stewart show, this shave shows no evidence of a steeled cutting edge, but is made of one piece of high quality malleable iron or German steel with significant evidence of hand filing and peened iron handle ends, typical of handmade tools of the period (1800 - 1840).

<http://www.davistownmuseum.org/pics/10407t3.jpg>

http://www.davistownmuseum.org/pics/10407t3_pic1.jpg

Woodworking: Edge Tools - Forged

| | | Status | Location |
|---|----------------------|--------|----------|
| 041505T1 | Adz | DTM | MH |
| <p>Forged steel, iron, and wood, 9 1/2" long, 4 1/4" wide blade, 9 1/4" long handle, signed "No 2" with a distinct hallmark. This adz is the typical style of European hand adzes used for centuries. It was brought to the Fall River, Massachusetts area by a Portuguese immigrant in the late 19th or early 20th century. Its hallmark and nicely carved hooped wooden handle date it to the early 19th century.</p> <p>http://www.davistownmuseum.org/pics/041505t1.jpg</p> | | | |
| 31811T18 | Chisel | DTM | TT |
| <p>Forged iron and steel, 9 1/12" long, 1/2" wide, signed obscured in a forge fold, might be "SHAW".</p> | | | |
| 6703T1 | Corner chisel | DTM | MH |
| <p>Forged steel, 11 3/8" long, 7/8" edges, signed "G. SHELDON". This socket chisel looks like it was cast and then finished by hand. DATM (Nelson 1999, 711) states that both the name G. Sheldon and Sheldon Mfg. Co. have also been reported for gouges and chisels. There is no known location or dates.</p> | | | |
| 50402T5 | Drawknife | DTM | MH |
| <p>Hand-forged steel, wood handle, brass ferrules, 14" wide, 8 1/2" blade, unsigned. Distinctly hand-forged, this drawknife's uniqueness lies in two molding profiles carefully worked into the forged steel blade making this tool very useful for making moldings 5/8" and 7/8" wide. A one-of-a-kind adaptation for a drawknife, this adaptation has not previously been noted.</p> <p>http://www.davistownmuseum.org/pics/50402t5_p1.jpg http://www.davistownmuseum.org/pics/50402t5_p2.jpg</p> | | | |
| 51606T6 | Drawknife | DTM | MH |
| <p>Forged welded iron and steel with wooden handles, 18" long with a 11 3/8" cutting blade, signed "J. MATLACK". J. Matlack is another unknown and unlisted New England edge toolmaker. The handmade handles with peened tangs attest to the affect of this tool.</p> <p>http://www.davistownmuseum.org/pics/51606t6.jpg http://www.davistownmuseum.org/pics/51606t6_sig.jpg</p> | | | |
| 21201T5 | Drawknife | DTM | MH |
| <p>Forged iron and steel with a wood handle, 16 3/4" long, 11 1/4" blade, 4 3/4" handle, signed "Hardy" followed by a hatchet touchmark. Possibly this is Ephraim L. Hardy of Brookline and Hollis, NH, working after 1821, died 1870. "All tools marked with this last name are not necessarily his." (DATM 1999, 354).</p> <p>http://www.davistownmuseum.org/pics/21201t5.jpg</p> | | | |
| 041505T21 | Drawknife | DTM | MH |
| <p>Forged iron and steel, wood handles, brass ferrules, 11" long, 6 1/2" wide cutting edge, 4 1/2" long handles, signed "J. Windly". This is an American-made tool. Windly is not listed in DATM (Nelson 1999).</p> <p>http://www.davistownmuseum.org/pics/041505t21.jpg</p> | | | |
| 22411T3 | Drawknife | DTM | TT |
| <p>Forge welded steel with brass ferrules, 15 1/2" long, 6 1/2" wide, 10" long blade, unsigned. This drawknife is handmade from a file.</p> | | | |
| 913108T23 | Drawknife | DTM | MH |
| <p>Recycled steel file, wood handle, 12" long, 7 3/4" long blade, unsigned.</p> | | | |
| TG1004 | Drawshave | DTM | MH |
| <p>Cast steel (?), 13 5/8" long, 9 1/2" blades, unsigned. It has no handles.</p> | | | |
| 913108T32 | Drawshave | DTM | MH |
| <p>Iron with a welded steel cutting edge, wood, 19 1/4" long, 13" blade, signed "HIGGINS", c. 1835-40?.</p> | | | |
| 10407T4 | Drawshave | DTM | MH |
| <p>Steel, wood, brass ferrules, 10 1/2" wide with a 7" cutting edge, unsigned. The handles are handmade and it is obviously forged from an old file. It is a typical edge tool utilizing the strategy of recycling a high quality (probably English or German) steel file.</p> <p>http://www.davistownmuseum.org/pics/10407t4.jpg</p> | | | |

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Edge Tools - Forged

| | | Status | Location |
|--|-----------------------|--------|----------|
| 42904T3 | Framing chisel | DTM | MH |
| Forged iron and weld steel, 10 9/16" long, 2" wide cutting edge, unsigned. It has no handle. | | | |
| 032203T2 | Framing chisel | DTM | TT |
| Forged iron and natural steel, 14 1/2" long including 3" long handle, 2" wide, signed "MAL_ETT CAST STEEL". The underside of this framing chisel shows distinct evidence of hand-forging, especially at the junction of the socket and body. No obvious weld steel edge is visible; therefore, this tool may be a direct process smith-forged tool. This is probably a product of the work shops of either James Mallett of Warren or John Mallett of Rockland. http://www.davistownmuseum.org/pics/032203t2_p2.jpg http://www.davistownmuseum.org/pics/032203t2_p3.jpg | | | |
| TCS1001 | Froe | DTM | TT |
| Forged iron and steel, 17 1/2" long, 15" blade, unsigned. A froe is an essential woodworking tool utilized for shingle-making and one of the basic tools in a settlers' tool kit. | | | |
| TCC3002 | Gouge | DTM | MH |
| Cast or forged steel with wood handle, 8 1/2" long including handle, 1/2" wide, signed "F. Stones". Stones is listed in DATM (Nelson 1999, 761) but his location is unknown. We have two gouges by this maker; who is F. Stones and where did he work? | | | |
| 090109T3 | Gouge | DTM | MH |
| Forged iron, steel, and wood, 16" long including a 4 1/4" long wood and iron handle, 1 1/4" wide, signed "HORTON" and "NEW YORK". William Horton made adzes, axes, and chisels in New York from 1837-1853 and used this signature. He was earlier part of Horton & Morris and later of Horton & Arnold (Nelson 1999, 398). http://www.davistownmuseum.org/pics/090109T3web1.jpg http://www.davistownmuseum.org/pics/090109T3web2.jpg | | | |
| 090109T1 | Gouge | DTM | MH |
| Blister steel, iron, and wood, 15 1/4" long including a 2 1/2" long wooden handle, 1 7/8" wide cutting edge, unsigned. http://www.davistownmuseum.org/pics/090109T1web1.jpg http://www.davistownmuseum.org/pics/090109T1web3.jpg | | | |
| 41907T2 | Gouge | DTM | MH |
| Forged iron and German steel, 9 7/8" long, 1 1/4" wide with a later 3 3/4" long wooden handle, signed "Weldon". DATM (Nelson 1999, 839) lists Weldon as a maker of plane irons and saws with no location or date. Forge welding is clearly evident on the socket of this tool, which also shows evidence of additional forging of its cutting edge. No obvious steel bit insert is evident. The tool body appears to be one piece of steel welded onto the iron socket. | | | |
| 40501T2 | Gouge | DTM | UNK |
| Forged iron and weld steel, 12 1/2" long, 1 7/8" wide, signed "G. B. RICKER" "CHERRYFIELD". A gift to the Museum by Rick Floyd. http://www.davistownmuseum.org/pics/40501t2_p5.jpg http://www.davistownmuseum.org/publications/volume10.html | | | |
| TCL1001 | Rasp | DTM | MH |
| Forged steel, 6" long with a 4 1/2" long handle, signed "J. DAY & CO.". DATM (Nelson 1999) lists James Day of Gloucester, MA, as a maker of planes, c. 1780. The manufacturer's signature on this is distinctly 19th century in style. This tool is notable because it came from the tool chest of David Livingston, which was purchased by the Jonesport Wood Co. around 1980. Livingston worked as a woodcarver in the Boston area and his tool chest contained a large number of edge tools and a great Davis level. More biographical information is wanted about the life and work of David Livingston. | | | |
| TCC3004 | Scorp | DTM | MH |
| Forged iron and steel, 7 1/4" diameter, unsigned, c. 1840. This is a multiple purpose woodworking tool used for bowl- and shave-making. | | | |

121805T16 Socket chisel

DTM MH

Forged iron and German or blister steel, 13 5/8" long including 4" handle, 1 1/2" wide, unsigned.

This chisel is forge-welded with a lap and no clear iron-steel interface. It has an iron ferrule on the wood handle and an early 19th or late 18th century appearance.

http://www.davistownmuseum.org/pics/121805t16_p2.jpg

071704T2 Socket chisel

DTM MH

Forged steel and wood, 7" long including a 3 3/4" wood handle, signed "Weldon".

Weldon is listed in DATM (Nelson 1999) without working locations or dates.

071704T7 Socket chisel

DTM MH

Welded steel and iron, 16" long, 1 5/16" wide cutting edge, signed "W. Beatty".

W. Beatty is the patriarch of a whole clan of Pennsylvania edge toolmakers who worked in the Springfield area throughout the 19th century. W. Beatty's working dates are: 1806-1829 - Waterville, PA, after 1829 he worked in Springfield, PA. W. Beatty's tools often include the touchmark of a figure of a cow, which can be barely seen on this tool. Unusual in it's long length, this edge tool was almost certainly used for mortising.

090109T2 Socket chisel

DTM MH

Forged iron and steel, wood, 15 1/4" long with a 3 3/4" long wood and iron handle, 1 1/2" wide cutting edge, signed "UNDERHILL", "& GEORGE", "BOSTON" with a flower cartouche.

George Washington Underhill worked in Boston with a brother (thought to be Samuel G.) before returning to Nashua, NH, in 1839. He later was a founder of the Underhill Edge Tool Co. This exact mark is not reported in DATM (Nelson 1999).

<http://www.davistownmuseum.org/pics/090109T2web-3.jpg>

<http://www.davistownmuseum.org/bio#bioUnderhill.html>

4105T3 Socket chisel

DTM MH

Forged iron and steel, wood handle, 16" long including a 5 3/4" long handle with iron ferrule, 1 15/16" wide, signed "R&HPORTER", c. 1810.

No R & H Porter is listed in DATM (Nelson 1999). This has the appearance of an early 19th century forge-welded tool with a handmade, not factory turned, handle. Only the slightest hint of the steel - iron interface is visible.

<http://www.davistownmuseum.org/pics/4105t3.jpg>

http://www.davistownmuseum.org/pics/4105t3_sig.jpg

041505T22 Wheelwrights' shave

DTM MH

Forged iron, weld steel, and wood handles, 11" long, 2" sharply curved cutting blade, 2 7/8" long handles, peened forged iron handle holders, unsigned.

This may also have been a shovel handle makers' shave. It is hand-forged and filed.

<http://www.davistownmuseum.org/pics/041505t22.jpg>

Woodworking: Edge Tools - Imported English Cast Steel

33002T20 Chisel

DTM TT

Cast steel, wood, with brass ferrule, 9" long including 5 1/6" handle, signed "Moulson Brothers Cast Steel".

TCC1005 Chisel

DTM MH

Cast steel, 7 5/8" long including handle, 1/4" wide blade, signed "W.N. Greaves & Son Cast Steel" and marked "Sheafworks" on the reverse side.

"Sheafworks" clearly identifies this as an imported tool from Sheffield, England.

TCC1008 Chisel

DTM MH

Cast or forged steel, 4 1/8" long, 3/4" wide, signed "Stubs".

It is made from one of Stub's recycled files.

<http://www.davistownmuseum.org/bioStubs.htm>

TCC1003 Chisel

DTM MH

Cast steel with oak handle, 9 1/2" long including handle, blade 1 3/4" wide, signed "James Cam cast steel".

The handle is strongly beveled. James Cam was one of the most prolific Sheffield edge tool manufacturers.

<http://www.davistownmuseum.org/bioJamesCam.htm>

TCC1004 **Chisel**

DTM MH

Cast steel with wood handle, 8 1/4" long, skewed blade that is 3/4" wide, signed "W.N. Greaves & Son Cast Steel" and marked "Sheafworks" on the reverse side.

It has a beveled handle.

81200T15 **Chisel**

DTM MHC

Cast steel and wood, 8" long with a 4" blade, signed "____ Jackson Sheffield" with KIM's cartouche. Owner's stamp on handle "H.M. INMAN".

090508T11 **Chisel**

DTM MH

Cast steel and wood, 13 3/4" long, 7" long and 1/4" wide blade, signed "WM ASH & CO" and "CAST STEEL".

William Ash is first listed in the 1825 Sheffield directory as a joiners' toolmaker, and then, from 1828 to 1841 as William Ash & Co.

72801T14 **Countersink**

DTM MH

Cast steel, 4 7/8" long, signed "R M Diton Hermitage Works Sheffield".

This notched countersink is for a gentlemen's brace. It is an excellent example of an imported English tool of the early 19th century. This is not a common signature.

102100T7 **Countersink**

DTM MH

Cast steel, 4" long, signed "IBBOTSON & CO CAST STEEL".

An imported tool from one of Sheffield's most prolific forges.

112704T4 **Drawknife**

DTM MH

Cast steel, Forged iron, and wood handle, 17 3/4" wide, 10 1/2" long blade, 5" long turned handles, signed "SPEAR & JACKSON CAST STEEL" "10 inch" and a cartouche "S*J".

This edge tool typifies the high quality of imported English edge tools of the early and mid-19th century. If an American craftsman was not using a hand-wrought American drawknife, this would be his rather expensive alternative.

<http://www.davistownmuseum.org/pics/112704t4.jpg>

http://www.davistownmuseum.org/pics/112704t4_sig.jpg

63001T6 **Drawknife**

DTM MH

Cast steel, wood, and iron ferrules, 15 1/4" long, 9" blade, signed "W BUTCHER WARRANTED CASTSTEEL" with the initials "W.B" and "9".

A classic example of a late 18th century or early 19th century quality English Sheffield-made cast steel tool imported to the US just before the rise of American cast steel and malleable cast iron manufacturing processes.

http://www.davistownmuseum.org/pics/63001t6_p1.jpg

http://www.davistownmuseum.org/pics/63001t6_p3.jpg

111002T3 **Drawknife**

DTM MH

Cast steel, brass ferrules, wood handle with iron rivets, 17 1/2" long, 10 1/4" long blade, signed "JAMES CAM CAST STEEL".

This is a very fine example of a quality English edge tool.

33002T18 **Gouge**

DTM MH

Cast steel, 10" long, 1 9/16" wide, signed "W. Greaves & Son Cast Steel".

This gouge is typical of the 19th century woodworking tools imported from Sheffield, England.

<http://www.davistownmuseum.org/pics/33002t18.jpg>

TCC1009 **Gouge**

DTM MH

Cast steel, 6 5/8" long, 5/16" wide, signed "J. CAM".

Made by James Cam.

<http://www.davistownmuseum.org/bioJamesCam.htm>

121911T1 **Gouge**

DTM TT

Crystallized cast steel and wood, 9 3/4" long handle, 3" long, 1" wide cutting edge, signed "T. TILLOTSON SHEFFIELD" "patent crystallized cast steel" and 3 touchmarks.

42904T10 **Gouge**

DTM MH

Cast steel and wood, 11 1/8" long including 4 1/8" wooden handle, 1 1/2" wide, signed "SPEAR &" "JACKSON" "IMPROVED" on front and "WARRANTED CAST STEEL" on front.

Made by a Sheffield, England manufacturer.

51201T11 Gouge

DTM MH

Cast steel and wood, 10 1/4" long, 5 7/8" wooden handle, signed "J. CAM".
This gouge is from the Simon Willard toolbox.

<http://www.davistownmuseum.org/pics/51201T11.jpg>
<http://www.davistownmuseum.org/bioWillard.htm>

TCC1002 Gouge

DTM MH

Cast steel with wood handle, 9 3/4" long including handle, blade 13/16" wide, signed "Mottran Cast Steel".

51201T10 Gouge

DTM MH

Cast steel and wood, 9 1/2" long with 5 1/2" wood handle, 13/64" wide gouge, signed "Butcher".
This gouge is from the Simon Willard toolbox.

<http://www.davistownmuseum.org/pics/51201T10.jpg>
<http://www.davistownmuseum.org/bioWillard.htm>

111001T16 Gouge

DTM MH

Wood, brass, and cast steel, 6 3/4" long, 3 3/16" wood handle, signed "Groves & Son Cast Steel".
Made by one of the more prolific of English cast steel tool manufacturers.

TCC1007 Gouge

DTM MH

Cast steel, 7 1/2" long, 3/16" wide blade, signed "P. STUBBS CAST STEEL".

<http://www.davistownmuseum.org/bioStubs.htm>

041505T3 Socket chisel

DTM MH

Malleable iron, cast steel, wooden handle, iron ferrule, 13 1/4" long, 1 7/16" wide blade, signed "CAST STEEL" and an obscured maker's mark.

This is an excellent example of an early forged and weld steel edge tool. The cast steel in this primitively forged tool is almost certainly imported from England.

http://www.davistownmuseum.org/pics/041505t3_p1.jpg

102904T12 Socket chisel

DTM MH

Cast steel, brass ferrule, 15 1/4" long including 5" long handle, 7/8" wide, signed "J. L. WHELPLEY" "BOSTON, MASS." "WARD CAST STEEL" and various touchmarks and cartouches.

The owner's signature (Whelpley) is in a more modern (c. 1870) style. Several other Whelpley signed tools accompanied this one in a Wells, Maine, tool chest, including a Steer's patented plane and several interesting calipers. This socket chisel is clearly stamped with a prominent English edge toolmakers' hallmark, accompanied by numerous touchmarks, including one indicating Ward was licensed by the crown to produce tools, possibly for export. At the same time that this English woodworking tool was being exported to the United States, numerous American foundries were gearing up their production of high quality edge tools, also utilizing imported English cast steel. Who was Mr. Whelpley and what did he make with his tools?

http://www.davistownmuseum.org/pics/102904t12_p3.jpg

TCC1006 Tanged gouge

DTM MH

Cast steel with wood handle, 9 1/2" long, 1" wide blade, signed "Groves & Son Cast Steel".

It has a replaced handle. DATM (Nelson 1999, 1021) lists Richard Groves & Son as a foreign maker of chisels and saws dating from 1770 - 1892.

TCC3010 Wood chisel

DTM MH

Cast steel with replaced handle and ferrule, 7 3/8" long, 7/16" wide blade, signed "A. ARTHUR CAST STEEL".

This mundane looking chisel is unusual in that it's the only tool we've ever encountered with this signature. Was A. Arthur an obscure Sheffield maker or an unlisted American maker?

Woodworking: Edge Tools Made in Maine

12801T9 Chisel

DTM MH

Forged iron and steel, 11 1/4" long, 1 15/16" wide, signed "G. B. RICKER" "CHERRYFIELD".

This timber framing chisel dates from the heyday of the Cherryfield and Down East shipbuilding era (1820 - 1850) when hundreds of ships were built in Cherryfield, Addison, Columbia Falls, Jonesport, and other Down East communities for the cod fishery.

http://www.davistownmuseum.org/pics/12801t9_p5.jpg
<http://www.davistownmuseum.org/publications/volume10.html>

| | | Status | Location |
|--|---------------------------|--------|----------|
| 12801T10 | Chisel | DTM | MH |
| <p>Forged iron and steel, 10 5/8" long, 1/2" wide blade, signed very crisply "G. B. RICKER" and "B.G.F" probably an owner's mark. Information is wanted on the working dates of the Ricker blacksmith shop of Cherryfield, one of whose shops still stands today.</p> <p>http://www.davistownmuseum.org/pics/12801t10_p5.jpg http://www.davistownmuseum.org/publications/volume10.html</p> | | | |
| 111001T13 | Drawshave | DTM | UNK |
| <p>Cast steel and wood, 14 1/2" long, 8 1/4" blade, signed "Wilson Lewiston" with an 8 point asterisk touchmark. DATM (Nelson 1999) does not list a Wilson of Lewiston. It is early 19th century in appearance.</p> <p>http://www.davistownmuseum.org/publications/volume10.html</p> | | | |
| 81602T17 | Socket chisel | DTM | MH |
| <p>Cast steel, 14 1/4" long including a 4 3/8" ferruled handle, signed "BILLINGS." "CAST STEEL" "CHINA" "CAST STEEL" "WARRANTED".</p> <p>This chisel appears to be earlier than other tools made by the Billings clan, except possibly John Billings of Clinton, ME (1825-1881). Did he also work in China, or is this an unrelated Billings? This is a previously unrecorded mark on a clearly handmade tool. It was donated to the Museum by Rick Floyd.</p> <p>http://www.davistownmuseum.org/pics/81602t17_p1.jpg http://www.davistownmuseum.org/publications/volume10.html</p> | | | |
| 100108T3 | Socket chisel | DTM | MH |
| <p>Cast steel, wood, and forged iron, 14 1/4" long, 1 1/4" wide, signed "MALLETT" "CAST STEEL" "WARRANTED" and "WARREN ME". This hand-forged chisel has a primitive iron ferrule and is clearly steered. The spelling of Mallet raises the question, is this John Mallet of Rockland, earlier working in Warren, his father, or did he sometimes spell his name Mallett? It was formerly in the collection of Ed Shaw.</p> <p>http://www.davistownmuseum.org/publications/volume10.html</p> | | | |
| Woodworking: Other Tools | | | |
| 12801T8 | Bit brace | DTM | MH |
| <p>Forged iron, signed "Taylor's Patent", also marked "I Wilson".</p> <p>DATM (Nelson 1999) lists J. M. Taylor as being issued a patent for a brace on June 30, 1836 in Hebron, CT. It also lists Increase Wilson as working in New London, CT, 1818 to 1855 (d. 1861) and as the manufacturer of Taylor's braces. Could this be an unmarked cast steel tool or forged malleable iron?</p> | | | |
| 31501T1 | Brace and bits (3) | DTM | MH |
| <p>Cast steel and wood, one 4" and two 3 1/2" bits, 9 1/2" long brace with 3 3/4" swing, signed "CAST STEEL" on bits. These wer mounted by a previous collector on wood; any manufacturer's signature is not visible. It is a typical bit and brace set of the early 19th century, prior to the mass production of patented braces.</p> | | | |
| TAB3000 | Carving mallet | DTM | MH |
| <p>Maple, 10" high, 5 1/2" diameter, unsigned.</p> | | | |
| 70701T8 | Center bit | DTM | MH |
| <p>Cast steel, 4 1/2" long, 9/16" diameter cutter, signed "Melhuish Fetter Lane".</p> <p>This is a very unusual manufacturer's signature; probably from Sheffield, England. Additional information wanted.</p> | | | |
| TG1003 | Center punch | DTM | MH |
| <p>Forged steel, 3 1/2" wide, unsigned.</p> | | | |
| 102100T13 | Dog | DTM | MH |
| <p>Forged iron, 4" long single wedge leg, 3 1/8" long double wedge leg, unsigned.</p> <p>A dog is used to hold wood together during gluing.</p> | | | |
| 32708T56 | Gentlemans' brace | DTM | MH |
| <p>Brass and wood, 14 7/8" wide, 5" high, signed "A & W" "JINKIMSON" "SHEFFIELD" on a brass plate and "S. HART" on the other side.</p> <p>http://www.davistownmuseum.org/pics/32708t56-4.jpg http://www.davistownmuseum.org/pics/32708t56-3.jpg</p> | | | |

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Other Tools

| | Status | Location |
|---|--------|----------|
| 10700-T3 Gimlet | DTM | MH |
| Forged iron and wood, 10 3/4" long with 7" long handle, unsigned. | | |
| 041505T23 Log dog | DTM | MH |
| Forged iron, 12 3/8" long, unsigned. This is one of the essential iron components of a timber framed barn, house, or wharf. It is smith-forged and difficult to date. It is also called a barn dog. http://www.davistownmuseum.org/pics/041505t23.jpg | | |
| TCR1019 Mallet | DTM | MH |
| Wood, 6" long, unsigned. This is a generic tool typical of a carpenters' tool box of the mid-19th century. http://www.davistownmuseum.org/pics/tcr1021.jpg | | |
| 82500T5 Mortise cleaner | DTM | MH |
| Forged iron, 23 1/3" long, signed with an illegible signature. This delicate tool is probably early 19th century. It is displayed with our collection of mortising tools. | | |
| TCR1018A Nail set | DTM | MH |
| Forged iron, 4 1/8" long, 3/16" diameter set, unsigned, c. 1820. Distinctly hand-forged, this is a typical notched, blacksmith-made nail set. The notches on the edge of the nail set are a tip off that this tool dates before the era of industrial mass production of drop-forged nail sets. | | |
| 041505T29 Saw set | DTM | MH |
| Forged iron and steel, signed "S. C. BEMIS", c. 1838. It is made by Stephen C. Bemis, probably of Springfield, MA. Bemis later founded Bemis & Call H & T Co. of Springfield, 1844-1910. http://www.davistownmuseum.org/pics/041505t29.jpg http://www.davistownmuseum.org/bioBemis.html | | |
| 42405T8 Saw set | DTM | MH |
| Forged iron and steel with a brass nut, 8 3/8" long, signed "J. Gladding Deep River CT". DATM (Nelson 1999) lists J. Gladding, Jr. as a Saybrook, CT, planemaker circa 1835, his father, "J" of Deep River, CT, as a maker of dividers and trammel points, no dates. This is the first time we have observed this rare maker's mark. | | |
| TCR3000 Saw set | DTM | MH |
| Forged iron, 5 1/8" long, 1 5/16" wide, signed "BORUEAU PARIS". | | |
| 52603T36 Saw set | DTM | MH |
| Forged iron, 8 3/16" long, unsigned. | | |
| TCR1019A Saw set (?) | DTM | MH |
| Forged iron or steel, 9 5/8" long, unsigned. This saw set is unusual due to its elegant wing shaped handles. | | |
| 81101T11 Shake mallet | DTM | MH |
| Wood, 15 1/2" long, unsigned. This is a typical farm mallet probably used with a froe to make shakes and shingles. | | |
| TCR1009 Turnscrew | DTM | MH |
| Reformed iron or steel and wood, 12 1/2" long, 8 3/8" long blade, unsigned, c. 1800. This tool has been refashioned out of an old file. | | |
| TG1015 Wedge | DTM | MH |
| Forged iron, 2 3/8" wide, unsigned. | | |
| TG1011 Wedge | DTM | MH |
| Forged iron, 4 5/8" long, 2 5/16" wide, unsigned. | | |

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Other Tools

Status Location

TG1005 **Wedge**

DTM MH

Forged iron, 1 3/4" wide, unsigned.

30201T2 **Wheelwrights' stand**

DTM LTC

Wood, approx. 28" high, 26" wide, unsigned.

This tool was used to balance and repair broken carriage wheels. It is on display at the Davistown Museum Liberty Tool Annex.

Woodworking: Planes

91303T4 **Beading plane**

DTM TT

Wood with a steel blade, 9 1/2" long, 1" bead, unsigned.

This is a generic run of the mill hand plane typical of a 19th century tool box. The slight chamfering suggests an early to mid-19th century date.

81602T4 **Beading plane**

DTM MH

Beech with cast steel blade, 9 1/2" long, 1 1/4" wide, 1/2" bead, signed "I Eastman".

Pollack (2001) reports two other I. Eastman boxed side beading planes. Who was I. Eastman and when did he make planes?

121311T4 **Beading plane**

DTM TT

signed "GABRIEL" "SHELLEY" "D MAXTED".

The Gabriel clan were English toolmakers (1770 - 1822). This tool is likely to be a later Gabriel (Goodman 1993, 240). There are 3 owners marks: Shelley, D. Maxted, and a third one that is indecipherable, possibly a re-sellers stamp.

101801T8 **Beading plane**

BDTM MH

Mahogany with steel blade, 10 3/8" long, signed by owner "AFW" for Abiel F. Walker.

<http://www.davistownmuseum.org/publications/volume10.html>

TCD1006 **Beading plane**

DTM MH

Wood, 8 1/2" long, signed "OLR".

This plane is unsigned but has the owner's initials OLR burned into the top.

101801T6 **Beading plane**

BDTM MH

Mahogany with steel blade, 8 5/8" long, signed by owner "AFW" for Abiel F. Walker.

<http://www.davistownmuseum.org/publications/volume10.html>

TCD1003 **Bench (fore) plane**

DTM MH

Wood (birch), 21 1/2" long, signed very faintly "Levi Tinkham", c. 1840.

Tinkham lived from 1766 - 1857 and worked in Middleboro, MA. The plane has a replaced wedge. This plane is typical of the many thousands of generic bench planes that have survived through the 20th century. It was a gift to The Davistown Museum from Bob Wheeler of Pepperell, MA.

<http://www.davistownmuseum.org/pics/tcd1003.jpg>

<http://www.davistownmuseum.org/bioTinkham.htm>

72801T16 **Block plane**

DTM MH

Cast steel and wood, 9 5/8" long with a wide blade, signed "E. French", blade unmarked.

No E. French planemaker is listed in DATM (Nelson 1999); this mark is probably that of the owner. It is a typical owner-made low angle boat carpenters' plane of the 19th century.

22512T4 **Block plane**

DTM TT

Cast bronze with cast steel blade, 9" long, 1 1/2" wide blade, signed "EC LUCAS" owner's mark.

This tool was donated by Liberty Tool Co.

62202T5 **Block plane**

DTM MH

Boxwood with cast steel blade, 9 5/16" long, 1 1/4" wide, 1" wide blade, signed "Moulson Brothers" on the partially cutdown blade and "D. Lewis" on the plane.

DATM (Nelson 1999) notes only a D. B. Lewis of Groton (MA?). This tool was probably used by a patternmaker though it was found in the collection of an East Boston caulker who last worked in the late 19th century.

<http://www.davistownmuseum.org/pics/62202t5.jpg>

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Planes

| | | Status | Location |
|---|--|--------|----------|
| TJE1301 | Block plane | DTM | MH |
| <p>Wood (mahogany?), 7" long, 3" wide with 2 1/8" wide blade, signed "IS" on the plane face and "HUMPHREYSVILLE (TOOL?) CO WARRANTED CAST STEEL" on blade.</p> <p>18th century style owner's signature. The blade signature is a 19th century style, in script.</p> | | | |
| TCD1005 | Carriage-makers' bead plane | DTM | MH |
| <p>Wood (beech?), 5 3/4" long, 5/8" bead, unsigned.</p> <p>There is no maker's sign but the wedge appears professionally made.</p> | | | |
| 72206T1 | Carriage-makers' plane | DTM | MH |
| <p>Beach, ivory, with a steel blade, 7 3/8" long, 3/4" wide, unsigned.</p> <p>The blade appears to have been cut and trimmed from a larger beading plane blade. The plane was associated with an Amesbury, MA, carriage-maker shop active in the 1840s and 50s and was found in a collection of tools dispensed from this source.</p> | | | |
| 51703T1 | Carriage-makers' plane | DTM | MH |
| <p>Wood with steel blade, 4 1/4" long, 1" wide, unsigned.</p> <p>A nice example of an early 19th century carriage-makers' plane used for close-in work. The sharp beveling on the plane suggests a c. 1820 date.</p> <p>http://www.davistownmuseum.org/pics/51703T1.jpg</p> | | | |
| 81101T3 | Carriage-makers' skew panel plane | DTM | MH |
| <p>Cast steel, wood, and forged iron fittings, 21" long plus extension skew blade 3" wide, signed "H. Ward Warranted Cast Steel" on blade, plane unsigned, 1810 - 1830 (?).</p> <p>This is an uncommon early 19th century American tool with an English blade.</p> | | | |
| 81801T10 | Coffin plane | DTM | MH |
| <p>Rosewood and maple with cast steel blade, 8 1/4" long, 1 7/8" wide blade, signed on the blade "Moulson" and on plane owner's signature "E. French".</p> <p>This fine rosewood plane has a maple wedge and steel blade.</p> | | | |
| 81801T9 | Complex spar plane | DTM | MH |
| <p>Wood with cast steel blade, 9 1/2" long, 1 1/2" convex blade, signed "TR Johnson. Hanover Mass 2" and on blade "Moulson Brothers Warrented Cast Steel Improved Welded". Owner signature "J.A. Junkins", c. 1820.</p> <p>This unusual curved spar plane also has a longitudinal convex curve. T.R. Johnson was a 19th century American spar planemaker. This may be one of Johnson's earlier planes showing the continuing use of English steel blades.</p> <p>http://www.davistownmuseum.org/pics/81801t9.jpg</p> <p>http://www.davistownmuseum.org/pics/81801t9-2.jpg</p> | | | |
| 81602T8 | Convex rabbet plane | DTM | MH |
| <p>Beech with a cast steel blade, 11 7/16" long, 1 3/8" wide, signed by owner "W. A. Jordan".</p> <p>This plane looks and feels like one typical of J. R. Tolman's workshop in Hanover, MA (1820 - 1860). The plane, though having the distinctive wedge of the prolific Tolman shipbuilders' workshop planes, is marked only by the owner. It is a remnant of the legacy of New England's maritime heritage.</p> | | | |
| TBH1002 | Dado plane | BDTM | MH |
| <p>Wood with forged steel blade, 9 3/8" long, signed "Marsh & Winn" and "J. Ho___".</p> <p>It lacks a front blade. Marsh & Winn are not listed in Pollak (2001) or Goodman (1993). DATM (Nelson 1999) lists them as a foreign planemaker with the date 1807. It is also marked J. Ho___, possibly J. Holmes who is listed in Pollak (2001,195) without further identification. The distinct beveling is characteristic of an 18th century plane.</p> | | | |
| TCD3000 | Fore plane | DTM | MH |
| <p>Wood with a cast steel blade, 20 1/2" long including the overhanging handle, unsigned.</p> <p>This highly decorated plane is distinctly European in appearance and contrasts sharply with the simpler designs of the American made planes of the period.</p> | | | |
| 111001T9 | Gutter plane | DTM | MH |
| <p>Wood with cast steel blade, 15 1/2" long, 2" wide, 1 3/4" wide blade, signed "Roberts & Ash" on blade with a clover leaf touchmark to the right of Ash, plane marked "DM".</p> <p>Goodman's (1993) "British Plane Makers" does not list Roberts & Ash as blade makers. He does list a William G. Ash. DATM (Nelson 1999, 664) lists Roberts & Ash as leather tool makers, no date or location.</p> <p>http://www.davistownmuseum.org/pics/111001t9.jpg</p> | | | |

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Planes

Status Location

63001T9 Hand plane

DTM MH

Wood with steel blade, 8 1/2" long, unsigned.

Another example of the ubiquitous unsigned owner-made planes of New England workshops of the 18th, 19th, and 20th century.

63001T8 Hand plane

DTM MH

Wood, steel, and brass, 7 3/4" long, unsigned.

This is an excellent example of the ubiquitous unsigned owner-made planes of New England workshops of the 18th, 19th, and 20th centuries. It is a reminder that most planes were made by their owners.

7800-T8 Jack plane

DTM MHC-J

Beech wood with cast steel blade, 14 5/8" long, 2 1/2" wide, signed on the blade "W. Greaves & Son Cast Steel".

This is a typical homemade plane with an imported English blade, a type that would have been used by the residents of Davistown Plantation c. 1810 - 1830.

92911T1 Jointer plane

DTM MH

Wood with shear steel blade, 29" long, 3 1/4" wide, 2 3/4" high, blade 7" long, 2 1/2" wide, signed "L. TINKHAM" "MIDDLEBORO" and on blade "F. STONES" "SHEAR.STEEL".

Pollak (2001) in "American Wooden Planes" indicates this is thought to be Levi Tinkham. DATM (Nelson 1999) lists F. Stones as a maker of plane irons with no dates or location.

<http://www.davistownmuseum.org/bioTinkham.htm>

TCD1002 Low angle block plane

BDTM MH

Rosewood, 10" long, signed "L.O. Tappan" (probably the owner's signature), c. 1830-50 (?).

It has a Newburyport, MA, shipyard provenance and was probably used for interior cabin finish work.

33002T1L Molding plane

DTM TT

Wood with steel blade, 10 1/2" long, 11/16" wide concave cutter, unsigned, c. 1810.

This is a typical generic homemade molding plane.

72801T17 Molding plane

DTM MH

Wood with steel blade and runner, 10" long, unsigned.

An owner-made plane typical of the 19th century but with an unusual center runner for cutting a V groove. It is a one of a kind plane that is unlisted in plane guide descriptions.

72002T1 Molding plane

LPC MHC-D

Wood (beech) with steel blade, 9 1/2" long, 1 7/16" wide, signed "JO FULLER PROVIDENCE" with the imprint "D-2", 1805 - 1808.

This is a fine example of a complex beading plane by one of colonial America's most important planemakers. DATM (Nelson 1999) lists Fuller as working 1773 - 1808. Pollack (2001) notes "In later years when he adopted the standard 9 1/2 length, his chamfers became rounded and the fluting disappeared. The wood he used evolved from yellow birch to beech with a few maple examples, and his wedge profiles became relieved after his early period then rounded." This is a crisp clear example of one of his last planes.

040904T3 Plane blade wedge

DTM MH

Wood, 11" long, 4 3/4" wide, unsigned.

This cooper's jointer plane wedge was found independently of the plane it once belonged to and it is the largest blade wedge we have ever seen. It is a curious accidental durable remnant of the ancient maritime culture of the past.

http://www.davistownmuseum.org/pics/040904t3_p2.jpg

91303T1 Rabbet plane

LPC MH

Cast steel with rosewood infill and wedges, 9 1/8" long, 5/8" wide, signed "Wards Cast Steel" on blades, plane unsigned, c. 1800 - 1820.

The wedges have an owner's signature "G. R. Oliver". This is a most unusual double rabbet plane. It is obviously English and was found in New England. Its use is unknown.

http://www.davistownmuseum.org/pics/91303t1_p1.jpg

http://www.davistownmuseum.org/pics/91303t1_p3.jpg

62202T1 Rabbet plane

DTM MH

Bronze with ebony infill and steel blade, 8" long, 1 1/2" wide, 7/8" wide blade, signed "W. J. Foote", probably an owner.

This exquisite tool was formerly in the collection of Joel Pontz, formerly a staff member, woodworking consultant, and trader for Plimouth Plantation. This shoulder plane is typical of an early to mid-19th century joiners' tool kit.

<http://www.davistownmuseum.org/pics/62202t1.jpg>

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Planes

Status Location

BDTM MH

32802T8 Rabbet plane

Lignam vitae with an oak wedge and a steel blade, 9 15/16" long, 2 15/16" high, 1 9/16" maximum width at middle, tapers to 1 1/4" bottom, 1 1/8" top, unsigned, c. 1820 (?).

This is a special purpose boat builders' plane.

<http://www.davistownmuseum.org/pics/32802t8.jpg>

32708T53 Rabbet plane

DTM MH

Metal and oak, 11" long with a 6 3/8" by 1" blade, signed with a cross made of tilde-like marks on the side of the plane.

<http://www.davistownmuseum.org/pics/32708t53-1.jpg>

<http://www.davistownmuseum.org/pics/32708t53-2.jpg>

30202T4 Rabbet plane

DTM TT

Wood with steel blade, 17 3/8" long, 7/8" wide blade, signed "J.R. Tolman Hanover Mass".

DATM (Nelson 1999) indicates Tolman was born in 1787 and was making planes in S. Scituate, MA, by the 1820s. Tolman made planes specifically for the shipbuilding industries and was one of New England's most prolific planemakers specializing in spar planes during this era.

<http://www.davistownmuseum.org/pics/30202t4.jpg>

22411T14 Razee-style rabbet plane

DTM TT

Wooden body, cast steel blade, 10" long, 2 1/2" x 2 1/2", signed "MOULSON BROTHERS" "WARRENTED" and "CAST STEEL" on the blade; "Wm ASH & Co" and "CAST STEEL" on the cap iron; "J. L. LEE" on body, probably an owner.

81602T7 Rounding plane

DTM MH

Beech with cast steel blade, 12" long, 15/16" wide, signed by the owner.

A nice example of an early 19th century owner-made and signed plane. Unusual in its long length, this plane must have had a special purpose in a single workshop situation.

31602T7 Rounding plane

DTM MH

Wood with a concave steel blade, 9 1/2" long, 1 1/4" wide, signed "BROWN & BARNARD".

Goodman states that it is felt that this was a partnership of Henry Brown and Thomas Barnard working in Birmingham, England, between 1800 and 1803. Before and after these dates, these two individuals are listed separately.

81801T12 Router

DTM MH

Wood with iron fittings and steel blade, 10 1/8" wide, 3/16" wide blade, unsigned, c. 1800 - 1820.

This tool was used for routing a groove - but in what context?

100400T3 Smooth plane

BDTM MHC-K

Cast steel, cast iron, and wood, 9 1/8" long, 2 1/2" wide with a 2" blade, signed on the blade "MOULSON BROTHERS WARRANTED CAST STEEL".

This is an interesting early cast iron plane, its maker's location is unknown. It has a typical English imported blade and is an early example of the transitional planes in this case. This is probably the earliest cast iron (or steel) plane in our collection and foreshadows the innovative design of the later patented and transitional metallic planes with which it is displayed. This is an example of a special purpose alloy-steel tool.

TCD1001 Spar plane

DTM MH

Wood (beech), 10 5/8" long with a 1 1/2" "Graves & Son" blade, signed "G. Walker", c. 1840?.

DATM (Nelson 1999, 820) lists Gustavus Walker, a hardware dealer in Concord, NH, from 1855-83, who usually marked planes "GUS WALKER". It is unknown if this mark was also used by him. This plane probably had an American maker. It utilizes an imported English blade.

TCD1004 Spar plane

DTM MH

Wood (maple or beech), 17" long, 1 11/16" wide, signed "S T. Livingston".

It has a smith-made blade. Livingston is not listed in Pollak (2001) or Goodman (1993). This tool is typical of a mid-19th century New England shipyard.

TCD1008 Spar plane

BDTM MH

Wood (beech), 9 1/2" long, 2 1/4" wide, blade 1 9/16" wide, signed "L.O. Tappan" (probably the owner), blade signed "Moulson", c. 1840.

This plane is from a Newburyport, MA shipyard. It is typical of spar planes produced by the Tolman workshop of Hanover, MA. This is an American-made plane with the usual English blade of the period.

<http://www.davistownmuseum.org/pics/tcd1008.jpg>

Woodworking: Planes Made in Maine

92001T1 Double sash plane

DTM MH

Oak and steel, 10 3/4" long, signed "AFW".

Abiel F. Walker was a very small producer of hand planes, making them only for himself and area craftsmen. These are typical of those produced by a skilled boat carpenter and house wright who would make his own tools. The Davistown Museum obtained a collection of Abiel Walker's planes directly from the attic of the house in which he spent most of his life. For additional information about Abiel Walker's plane collection and its significance see his listing in the Registry of Maine Toolmakers (Brack 2008) and the essay on Walker in the Registry introduction.

<http://www.davistownmuseum.org/publications/volume10.html>

61601T3 Molding plane

BDTM UNK

Beech with steel blade, 9 3/8" long, 1" wide blade, signed "B. MORRILL" "BANGOR".

Pollack (2001) indicates Morrill is known to have been making planes in Bangor, ME, as early as 1832. This plane is a classic relic of the boomtown era of coastal Maine, with a rare maker's mark and an unusual profile. It is among the most important Maine-made tools in the collection.

http://www.davistownmuseum.org/pics/61601t3_p2.jpg

<http://www.davistownmuseum.org/publications/volume10.html>

101801T1 Molding plane

DTM MH

Beech, 9 3/4" long, signed "AFW".

<http://www.davistownmuseum.org/publications/volume10.html>

92001T2 Panel raising plane

DTM MH

Beech and cast steel, 13 1/2" long, 2" wide blade, signed "AFW".

This plane was made by Abiel F. Walker.

<http://www.davistownmuseum.org/publications/volume10.html>

TBW1003 Plane

DTM MH

Wood (beech), 9 1/2" long, 3" wide, signed "T. WATERMAN".

This is an example of one of Maine's first toolmakers, Thomas Waterman of Waldoboro.

<http://www.davistownmuseum.org/pics/tbw1003.jpg>

<http://www.davistownmuseum.org/pics/tbw1003p2.jpg>

TBW1004 Plane

DTM MH

Wood (beech), 9 3/8" long, 2 1/2" wide, 1 1/2" wide blade, 3/8" slitter on one side, signed "T. WATERMAN".

We don't know the proper name of this plane. It has a slightly convex blade and was a shipwrights' tool. Pollak (2001) lists T.

Waterman as being born c. 1775 and still alive in 1850. Waterman was one of the many planemakers of the boomtown years of the Waldoboro, Warren, and Thomaston shipbuilding era.

<http://www.davistownmuseum.org/pics/tbw1004.jpg>

<http://www.davistownmuseum.org/pics/tbw1004p2.jpg>

42602T1 Plow plane

DTM MH

Birch with beach wedge and fence, steel blade, forged iron fence guide and screws, 8 3/4" long, 1 5/8" wide body, 9" wide fence arms, signed "T & W Sorby" on blade, c. 1835 - 1840.

The plane was made by Abiel Walker, Alna, ME, following English prototypes. Robert and Thomas Sorby are well known English plane blade makers, who was T & W Sorby?

http://www.davistownmuseum.org/pics/42602t1_p3.jpg

<http://www.davistownmuseum.org/publications/volume10.html>

50402T4 Rounding plane

DTM MH

Wood, 10" long, 1 1/8" wide convex profile, signed "I HOLMES" plus "C REED" and "C.R" owner's marks.

Pollack (2001) lists a J. Holmes mark with no location. All the J. Holmes planes listed by Pollak are shorter than this plane, which more closely matches their listing of a 10 inch beech molder with flat chamfers, the only known plane of I. P. Holmes of Berwick, Maine. Is there a relationship between the two makers? Is I. Holmes a third Holmes? Is he from the Berwick area? Could J. Holmes be from the Berwick area? Comments and information welcomed. This plane was purchased by Bob Wheeler a decade ago from the Liberty Tool Co., resold, and is now owned by the Museum.

http://www.davistownmuseum.org/pics/50402t4_p1.jpg

<http://www.davistownmuseum.org/publications/volume10.html>

42607T2 Sash plane

DTM MH

Boxwood, 9 3/8" long, 2 1/8" wide with 3/4" right blade and 1/2" left blade, signed "J. C. Jewett Waterville Me".

This sash plane is double bladed. J. C. Jewett worked circa 1820 - 1850. It has a nice crisp signature by an important central Maine planemaker of the mid-19th century.

<http://www.davistownmuseum.org/publications/volume10.html>

92001T3 Skew panel plane

DTM MH

beech, brass and cast steel, 15 7/8" long, 1 3/4" wide blade, signed "AFW", blade signed "MOULSON BROTHERS WARRANTED CAST STEEL".

Abiel F. Walker is the maker, the blade comes from England

<http://www.davistownmuseum.org/publications/volume10.html>

101801T2 Tongue and groove planes (matched pair)

DTM MH

Oak and brass, 11 7/16" long, signed "AFW".

These both have a brass lower plate instead of the characteristic iron plate of the factory-made tongue and groove planes.

<http://www.davistownmuseum.org/publications/volume10.html>

50402T3 Yankee plow plane

LPC MH

Wood with brass, forged steel blade, and iron rivets, 8 3/8" long, 7 3/4" wide fence, signed "W. H. Cary".

The plane has atypical brass depth stops. This plane was probably made in Maine after Cary moved from New Salem, MA. As noted in DATM (Nelson 1999), the Cary family made farm tools and plows in Houlton later in the 19th century (-1869 - 71-); his son, J. H. Cary stayed in New Salem as a rule and caliper maker. The 4th Edition of Pollack (2001) agrees with Trevor Robinson (see bio link) that Cary never made any planes after moving to Houlton. This information is disputed by Bob Wheeler who formerly owned it; it is now loaned to the Museum by the current owner.

http://www.davistownmuseum.org/pics/50402t3_p2.jpg

<http://www.davistownmuseum.org/bioCary.htm>

Woodworking: Saws

61601T2 Backsaw

DTM MH

Cast steel and wood, 18 5/8" long with a 13 3/4" blade, signed "Sheffield Wheatman & Smith Russell Works Cast Steel Solid Brass".

This is a classic example of an imported English cast steel tool with a rare maker's mark.

J/TCW2202 Backsaw

DTM MH

Cast steel, 20 3/4" long with 15 7/8" blade, signed "US".

71401T13 Backsaw

DTM MH

Steel, brass and wood, 6 1/2" long, 3 1/8" handle, signed "Stillman Patent".

DATM (Nelson 1999) lists Stillman of Herkimer Co. with working dates of 1837 - 48. Where is Herkimer County? This is a tool from the early days of the florescence of American toolmakers.

111001T8 Backsaw

DTM MH

Cast steel and brass, 19" long, 14 5/16" blade, signed "S. Biggin & Sons Sheffield Cast Steel Warranted Gauged".

The handle has solid brass nuts and a signed brass nut emblem. Both the saw and the brass have the characteristic English crown mark. This is a typical Sheffield imported tool of the early 19th century.

TCW1003 Backsaw

DTM MH

Cast steel with solid brasses, 14 3/4" long, 11 3/8" blade, signed "T TILLOTSON SHEFFIELD (FIN)EST REFINED CAST STEEL SPRINGTEMPER WARRANTED", 1800 - 1820.

The unusual markings also include a crown touchmark and brasses.

TCW1301 Backsaw

DTM MH

Cast steel, brass, and wood, 13 7/8" long blade, 6 1/2" long handle, signed "WELCH & GRIFFITHS" "CAST STEEL" "BOSTON" and "WARRANTED".

The saw has the typical solid brasses of the period. Welch & Griffiths is listed in DATM (Nelson 1999, 839). The following information is from a great great grandchild (lsteneck65@earthlink.net): "Welch and Griffiths Saw Manufacturing Co. began about 1830 and went out of business about 1844. My g.g.grandfather, Joseph Woodrough, worked for Welch & Griffiths after he arrived in this country from England. Following the demise of the company, Joseph Woodrough and William Clemson (who also worked for W & G) started their own saw manufactory called Woodrough & Clemson."

<http://www.davistownmuseum.org/pics/tcw1301.jpg>

<http://www.davistownmuseum.org/pics/TCW1301-bw300-1.jpg>

Davistown Museum Inventory of Tools - Maritime III

Woodworking: Saws

Status Location

914108T16 **Backsaw**

DTM MH

Metal, brass ferrule, and wooden handle, 11 1/4" long, 8" long blade, signed "ABRIE".
Part of the maker's mark may be completely worn off. This saw appears to be homemade.

100605T1 **Backsaw**

DTM TB

German steel, solid brass nuts, and wooden handle, 18 1/2" long including 14" blade, signed "BARBER & GENN GERMAN STEEL".

The handle is characteristic of saws made before 1820. Barber & Genn are listed in DATM (Nelson 1999) with a possible working date of 1870 and no known location. However, they are a Sheffield partnership starting around 1781. See this online discussion for more information: http://www.backsaw.net/index.php?option=com_jfusion&Itemid=58&jfile=showthread.php&t=154.

7309T4 **Chisel-edged pruning saw**

DTM MH

Cast iron, malleable iron, and steel, 17 1/2" long, 3 1/2" wide grafting end, 11" long saw blade, and 72" long handle, unsigned.
This is an early 19th century model of an orchard masters' grafting and pruning tool.

http://www.davistownmuseum.org/pics/7309t4BW_web.jpg

31808PC2 **Crosscut saw**

DTM MH

Steel, brass, and wood, 30" long, 25 1/2" long cutting blade, signed "C. H. TUPPER" on handle and "SUPERIOR TEM__ WARRANTEE" on brass.

The saw's handle is handmade. This could be C. H. Tupper & Martin who worked in Vermont in 1885.

TCW1001 **Fret saw**

DTM MH

Forged iron and steel, 4 1/4" long, unsigned.
This saw is homemade.

111001T11 **Hacksaw**

DTM MH

Wood, steel and brass, 13" long, 4" wood handle, no blade, signed "T Smith & Co" with a touchmark of a \$ within two circles.
DATM (Nelson 1999, 727) lists T Smith & Co. as making dividers, with no location or date. This saw appears to be early 19th century though it has an 18th century hacksaw form.

4105T1 **Hand saw**

DTM MH

Cast steel, wood, and brass, 26 3/4" long, 22" long blade, signed "Groves & Sons USI Sheffield" on blade, "Established 1770" on brass, c. 1820.

This is a typical example of a fine imported English finish saw.

12900T5 **Hand saw**

DTM MH

Cast steel, brass, and wood, 13 7/8" long blade, unsigned.

This is a typical early 19th century tool with solid brasses, probably imported from England.

7309T5 **Hand saw**

DTM MH

Cast steel, brass, and wood, 31" long, 8" handle, signed "R. GROVES & SONS" with the Queen's insignia.

This is a typical example of a finely made imported English crucible steel tool.

<http://www.davistownmuseum.org/pics/7309t5web-1.jpg>

32412T1 **Keyhole saw**

DTM TT-33

Forged steel, beech, 14 1/2" long, unsigned.

Donated by the Liberty Tool Co.

TCW1002 **Pad saw**

DTM MH

Reforged steel, 9 5/8" long, 5 1/2" blade, unsigned.

This pad saw is difficult to date and could be late 18th or early 19th century. This saw is typical of one that might be found in the tool chest of an early resident of Davistown Plantation.

71401T2 **Rip saw**

DTM MH

Steel, wood, and brass, signed with the telltale eagle medallion of an early factory-made Henry Disston saw.

<http://www.davistownmuseum.org/bioDisston.htm>

81602T12 Rip saw

DTM MH

Cast steel with applewood (?) handle and solid brasses, 31 5/8" long, 28" blade, signed "Chas Grass & Sons St. Phillips Works Sheffield Improved Patent Wonder Spring".

The signature is repeated on the brass. The blade has a detailed fleur de lie underlined by TAY. The owner has signed it "F HEANEY". Perhaps it was brought to New England by an Irish immigrant. This is a classic example of an English-made and imported tool of the best quality.

Wrenches

101900T6 Adjustable wrench

DTM MH

Cast or forged steel, 9 1/2" long, unsigned.

This is a one-of-a-kind early 19th century wrench pre-dating most or all patented wrenches (1835f).

<http://www.davistownmuseum.org/pics/101900t5.jpg>

TBF6003 Bed wrench

DTM MH

Cast iron, 5" long with 4" handle, unsigned.

This is a generic tool commonplace in households in the eighteenth and early nineteenth centuries. A bed wrench was used with an old feather bed. This type of bed would have a wooden frame. The frame did not hold a box spring or wooden cross boards as a more modern bed does. Instead, the bottom of the bed was rope. The long rope would loop through holes drilled in the frame and go back and forth across the opening in the center. This creates a criss-crossed appearance. Bedding such as a straw tick would then go on top of that. The ropes eventually will stretch. The bed wrench is used to tighten the rope.

<http://www.davistownmuseum.org/pics/tbf6003.jpg>

TCZ1005 Bed wrench

DTM MH

Forged iron, 5 3/4" long, 5/8" socket, handle 6 1/8" wide, unsigned.

This tool is difficult to date but could be late 18th century or early 19th century. If this is not a bed wrench, what is it?

32502T34 Closed socket wrench

BDTM MH

Forged steel, 2 7/8" long, 1/7" thick, 1/4" square socket, unsigned.

<http://www.davistownmuseum.org/bioEpstein.htm>

62406T6 Monkey wrench

DTM MH

Drop-forged steel and iron with a wood handle, 10" long closed including a 3" long wood handle, signed "S. MERRICK'S PATENT" plus owner signature "Wm E. SIBLEY".

DATM (Nelson 1999) lists Solymon Merrick as having both an 18 April 1834 and an August 1835 patent for a monkey wrench, but indicates a connection with P Merrick is unknown at that time. More recently, Herb Page notes the Bemis Co. of Springfield manufactured a Merrick wrench that inspired the Coes Brothers to design their improved No. 1 & 2 Coes patent wrenches after having difficulty adjusting the older model Merrick wrench, which required two hands to adjust. Page illustrates the Merrick patent on pg. 20 of his text on the Coes Co. noting "substantially the same as the old Springfield or Merrick wrench", which were issued as a cheaper No. 3 Railroad Wrench", very similar in design to this predecessor patent.

http://www.davistownmuseum.org/pics/62406t6_p2.jpg

http://www.davistownmuseum.org/pics/62406t6_p3.jpg

TCZ3000 Monkey wrench

DTM MH

Drop-forged iron, wood handle, 11 7/8" long, signed "L. COES PATENT__" (date obscured) and on the second side "____ BOSTON & WORCESTER", probably c. 1835 - 1840.

This wrench appears to be one of the earliest versions of the famous Coes monkey wrench; Loring Coes patented his first wrench on April 16, 1841. The wrench has characteristics of the late 18th century or early 19th century hand-forged wrenches in the Davistown Museum collection, particularly in the way the handle is manufactured. According to Herb Page <mroldwrench@mchsi.com> "During the period of 1848 to 1852 the firm of L & A.G. Coes contracted with the firm of Ruggles, Nourse & Mason on a 5 year term to market the entire production of wrenches produced by this fledgeling firm. R.N.& M. had branches in both Worcester & Boston and the wrenches produced during this time period were stamped with 1) "L. Coes Patent", 2) "Ruggles, Nourse & Mason" if space permitted, depending on size of wrench and 3) "Boston & Worcester" indicating the sales outlets of the marketing firm. These wrenches were manufactured in Worcester at the firm of L & A. G. Coes and the particular marking referred to is indicative of early production during the above mentioned dates. These are quite rare and have a distinctive circular insert in the working face of the lower jaw which is in line with the adjusting screw. Coes wrenches of this era are quite rare and desirable among antique wrench collectors."

<http://www.davistownmuseum.org/bioCoes.htm>

32802T4 Pipe wrench

DTM MH

Steel, brass, and wood, 10" long, unsigned.

This unusual pipe wrench has no maker's mark; the remains of two letters are visible on the jaw arm in 18th century script, "T S"? As yet, unidentified, Museum wrench references have not been consulted.

<http://www.davistownmuseum.org/pics/32802t4.jpg>

Davistown Museum Inventory of Tools - Maritime III

Wrenches
Status Location
DTM MH

TG1001 **Wrench**

Forged iron, 13 1/2" long, 9/16" and 1 3/14" open ends, unsigned.

TG1002 **Wrench**

Forged iron, 8" long, 3/4" and 5/8" wide open ends, unsigned.

DTM MH