

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 - 1763), 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, 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 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

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>

TCR1008 **Dibble**

DTM

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>

Davistown Museum Inventory of Tools - Maritime III

Agricultural Implements

Status Location

TH1001 Dibble

DTM

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

TCK1004 Fork with three prongs

DTM

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

42405P1 Grain bucket

DTM

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 42405-P2, but is larger. Compare these to the factory-made pork barrel (102503-P3).

42405P2 Grain bucket

DTM

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 42405-P1, but is smaller.

51606T2 Hay cutter

DTM

Forged welded steel and iron, 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

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

TCK3000 Hoe

DTM

Forged iron and wood, 9 3/4" long, 4 1/2" wide hoe, 4" long prongs, unsigned.
A typical early 19th century blacksmith made garden tool.

101701T10 Oxen shoe

DTM

Forged iron, 5 3/8" long, unsigned.
This smith-made shoe is unmarked and difficult to date.

81602T13 Oxen shoes

DTM

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

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 index of British plane iron makers in "British Plane Makers from 1700". Shear steel is reworked welded steel and of a higher quality.

83102T7 Trowel

DTM

Cast steel, brass ferrule and wood handle, 7 1/4" long, 4" long blade, signed "C Monk".
An exquisite heart shaped trowel. DATM (Nelson 1999) lists a C M Monk making moulder's tools, ca. 1894. This tool appears significantly older. A C. Monk is also listed in Brooklyn, NY without any tools associated with his work.

TKD3000 Yoke

DTM

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 1930's and 1940's.

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

Davistown Museum Inventory of Tools - Maritime III

Agricultural Implements

Status Location

DTM

32802T9 Yoke puller

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

See Richardson's Practical Blacksmithing, volume II, pg. 16, Fig. 19.

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

Axes

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>

42604T3 Broad ax

DTM

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

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

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".

12801T5 Hewing ax

DTM

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 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.

http://www.davistownmuseum.org/pics/12801t5_p3.jpg

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

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>

111001T1 Hewing ax

DTM

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.

12801T6 Hewing ax

DTM

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).

http://www.davistownmuseum.org/pics/12801t6_p2.jpg

http://www.davistownmuseum.org/pics/12801t6_p3.jpg

Davistown Museum Inventory of Tools - Maritime III

Axes

Status Location

21201T2 Hewing ax

DTM

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.

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

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

21201T1 Hewing ax

DTM

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 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>

111002T2 Hewing ax

DTM

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

TAX3500 Hewing ax

DTM

Forged iron and steel, 6" long with 4 1/4" blade, obscured manufacturer's sign with a number "3".

This 19th century axe is an excellent example of the American designed axe 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 blacksmith's designed new heavier axes which were much more practical to use in cutting and clearing the forests of New England and the eastern United States. This axe is the best example in the museum collection of this new type of axe 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.

<http://www.davistownmuseum.org/pics/tax3500.jpg>

040904T5 Hewing ax

DTM

Forged steel, 10 1/4" long, 7 15/16" wide, signed "T. ROGERS".

T. Rogers is not listed in DATM (Nelson 1999). Another undocumented New England edge toolmaker, probably from interior N.H. or Maine.

http://www.davistownmuseum.org/pics/040904t5_p4.jpg

http://www.davistownmuseum.org/pics/040904t5_sig.jpg

TCC2006 Hewing ax

DTM

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

Almost certainly an American maker, but not listed in DATM.

72206T2 Mortising ax

DTM

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).

72206T3 Mortising ax

DTM

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 than it and may have been used on smaller coasting vessels.

7309T2 Offset angle hewing ax

LPC

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.

<http://www.davistownmuseum.org/pics/7309t2web-2.jpg>

<http://www.davistownmuseum.org/pics/7309t2web-1.jpg>

Davistown Museum Inventory of Tools - Maritime III

Axes
Status Location
DTM

81602T9 **Offset mast ax (small broad ax)**

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

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>

Blacksmith and Farriers' Tools

913108T53 **Blacksmith tap**

DTM

Malleable iron or low carbon steel, 4 7/8" long, unsigned.

TCF1001 **Blacksmithing tools (8)**

DTM

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

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

TCF3000 **Butteris**

DTM

Steel, cast iron and wood, 16 1/2" long, 1 15/16" wide blade, unsigned.

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

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

81200T7 **Farrier's burnisher**

DTM MHC-J

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

032103T3 **Farrier's chisel**

DTM

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

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 wrought iron to a hammered steel cutting edge.

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

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

81200T4 **Farrier's knife**

DTM MH

Wood, brass and forged steel?, 9 1/2" long, unsigned.

Commonplace smallish knife for cutting leather.

TCF1002 **Nail header**

DTM

Forged iron, 10" long, unsigned, ca. 1820?.

A typical tool utilized for nailmaking.

TCF2201 **Nail header**

DTM

Forged iron, 11" long with 1 7/8" wide head, unsigned.

TCF1002A **Nail header**

DTM

Forged iron, 8 3/4" long with 3 heads, 3/4" sq., 5/8" sq., and 3/16" sq., signed "P.S. CRONIN", ca. 1850.

Maker not listed in DATM.

102100T6 **Nippers**

DTM

Forged iron?, 5 5/8" long, 1/2" wide jaw, unsigned.

101701T11 **Pincers**

DTM

Forged iron, 6 1/8" long, 5/8" jaw, unsigned.

Distinctly hand wrought with clear signs of filing. A generic 19th century tool in a small size.

Davistown Museum Inventory of Tools - Maritime III

Blacksmith and Farriers' Tools

51610T1 Stump anvil

Forged steel top, malleable iron, wood base, 40" tall, signed "1838".

<http://www.davistownmuseum.org/pics/51610t1web1.jpg>

<http://www.davistownmuseum.org/pics/51610t1web3.jpg>

Status Location
DTM MH

10700-T2 Tongs

Forged iron, 15" long, unsigned.

DTM

Blocks

51100T1 Block

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).

DTM

40501T5 Block

Wood, steel and rope, 11" long excluding hook, unsigned.

The classic coaster's block with wood shives. Typical of Maine coasting vessels of the 19th century.

DTM

TCG1002 Block

Forged iron and wood, 11 1/2" long, 4" wide, unsigned, ca. 1760-1810.

Hand-forged strapping, hook and tie down, lignum vitae shiv with rosehead clinchers.

<http://www.davistownmuseum.org/pics/tcg1001.jpg>

DTM

TCG1001 Blocks (matched pair)

Wood (mahogany), forged iron and cast steel, 7 1/4" high, 2 3/4" wide, with 2 1/2" steel shives, unsigned.

These blocks are typical of tools that might have had their wooden components manufactured in coastal mill towns such as Liberty or Montville for use on coastal traders. The eyelets holding the blocks are distinctly hand forged and the blocks themselves are distinctly hand made, but the shives appear to be factory cast.

<http://www.davistownmuseum.org/pics/tcg1001.jpg>

DTM

100400-9 Deadeye (3)

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

DTM MHC-K

Boring Tools

102904T7 Auger

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 it's 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

DTM

31602T5 Auger

Cast steel, 12 1/4" long, 2" wide at top of auger, signed "F. Walker Sheffield".

The most depth of the auger at the shoulder is 7/8".

DTM

TCE1003F6 Auger bit

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

Towne Snell is listed in DATM without a date or location. A predecessor to the famous Snell Mfg. Co.

DTM

TCE1003A1 Auger bit

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

Listed in DATM (Nelson 1999) without any data.

DTM

TCE1003C3 Auger bit

Forged iron, 1/2" diameter cutter, marked "No 8", ca. 1820 - 1840.

A typical notched auger bit.

DTM

TCE1003D4 Auger bit

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

Maker not listed in DATM.

DTM

Davistown Museum Inventory of Tools - Maritime III

Boring Tools
Status Location
DTM

TCE1003E5 Auger bit

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

TCE1003G7 Auger bit

Forged iron, 3/8" diameter cutter, signed "T. DAVIS & CO No 6".
Maker not listed in DATM.

TCE1003B2 Auger bit

Forged iron, 7/16" diameter cutter, signed "New Haven Copper Co. No 7", Listed in DATM as ca. 1848.
The "No 7" indicates the size. DATM (Nelson 1999, 571) lists this company as located in Seymour, CT, 1848, maker of augers and bits.

TCE1004 Carpenter's nut auger

Forged iron, 15 3/4" long, obscured signature "5" with a superscript "2".
No handle.

TCE3000 Pod auger

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

TCE1002 Pod auger

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

TCE1001 Pod auger

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

102100T23 Pod augers (4)

Cast steel, 8 3/8" long, 7 1/2" long, 7 3/8" long, 6" long, all signed "IBBOTSON & Co CAST STEEL".
Imported English tools by one of Englands more prolific edge tool makers. Made for the American trade.

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>

TCR3510 Gluing press?

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

TCR3511 Jig

Cast iron and steel, 8" long, 3" wide, unsigned.
unknown use.

TTCI3500 Pot with three legs

Cast iron, 10 3/8" long, 6 1/2" high, unsigned.

TTCI3001 Sinker mold

Cast iron, 5 1/4" long, 2 1/2" wide, unsigned.

TTCI3002 Steelyard weight

Cast iron with a forged iron link, 1 3/4" high, 1 1/2" diameter, unsigned.
An essential component of any stilyard, the primitive scales used for weighing flour, sugar and other foodstuffs.

Ceramics

CER3500 Pitcher

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

Davistown Museum Inventory of Tools - Maritime III

Ceramics
Status Location
DTM

CER3501 Plate

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

Cobblers' Tools

51201T4 Burnisher

Wood, 7" long, 13/16" wide, unsigned.

A typical shoemaker's creasing tool -- also used by upholsterers and other producers of finished leather products.

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 cobbler's burnishers and smoothing hammers. If it is not for this use, then what is its function?

<http://www.davistownmuseum.org/pics/102904t9.jpg>

102800T5 Burnisher (slitted)

Drop forged steel and wood, 3 3/8" long, 1 1/4" wide, unsigned.

TCR3002 Burnishing tool

Cast steel, brass and wood, 9" long, unsigned, ca. 1820 - 1840.

TCR1013 Burnishing tool

Cast or forged 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?

101900T4 Cobbler's hammer

Cast steel and wood, 9 1/2" long, 1 3/8" diameter face, unsigned.

Typical of a cobbler's hammer used in the mid-nineteenth century Liberty and Montville cobbler's shops.

<http://www.davistownmuseum.org/pics/101900t4.jpg>

42405T9 Cobbler's hammer

Forged steel, wood handle, leather strap holding the head in place, 3 1/8" long, 1 3/8" diameter face, 1 3/4" square and oval face, 6 1/4" long handle, unsigned, ca. 1850.

This hammer shows signs of drop forging

70701T7 Cobbler's pliers

Forged and filed iron, marked "6" and "LS" with a stan insignia.

A typical early 19th century home shop tool.

TCH1003A Cobbler's slitting cutter(?)

Forged iron and steel, 6 1/4" long, 1/2" wide blade, signed "BARNETT 37".

DATM lists a Barnett in Attleboro Falls as a manufacturer of Jeweler's tools, 1820.

TCH1005 Cobbler's tools (lot of 5)

Cast steel (?) with wood handles, unsigned.

102100T17 Eyelet punch

Cast steel, 6 3/8" long, signed "W F BINGHAM".

No Bingham with these initials is listed in DATM, but these might have been made by the Bingham Toolmakers of Norwich, CT, ca. 1857-58.

TCH1003B Group of 7 Cobbler's tools

Wood, cast steel (?) and brass, unsigned.

TCH1004 Hammer

Forged iron and wood, 2 1/2" long, 2" diameter face, 6" long handle with leather strapping, unsigned.

111001T35 Leather slitter

Wood, brass and steel, 6" long, 1 3/4" blade, obscure signature.

Davistown Museum Inventory of Tools - Maritime III

Cobblers' Tools
Status Location
DTM

TCH1004A **Leather stretcher**

Drop forged iron with a wood handle, 10 1/4" long with a 1/2" wide mouth, handle 5 1/4" long, unsigned.

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.

70701T1 **Shoemaker's box lot**

wood, forged iron and leather, 15 1/4" x 13 1/4", unsigned.
Odd tools, shims and fragments; all remnants from an early 19th century shoemaker's home or farm workshop.

TCH1301 **Shoes (pair)**

Leather, 8" long, unsigned.

TCH1003 **Slitting cutter**

Cast brass with cast or forged steel blade, 6" long, signed "BARNEII" and marked "37".
Could this be the Barnett of Attleboro Falls?

TCH1001 **Tack pry**

Cast steel with rosewood handle, 7 1/4" long, 3 7/8" handle, signed "C.S. OSBORNE & CO. STEEL", ca. 1850.
DATM lists the C.S. Osborne Co. as located in Newark, NJ, as early as 1826. The C.S. Osborne Co. is still in business; many of its tools have been sold over the last 25 years by the Liberty Tool Co. across the street from the Museum. www.csosborne.com

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.

TCH1002 **Tack puller**

Forged or cast iron, 6 1/2", unsigned, ca. 1840.

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

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. As time and funding permit, a more accurate description of our growing collection of cooper's tools, including their uses, will be made.

81101T6 **Barrel shave**

Cast steel and wood, 13 1/8" long, 7" curved blade, unsigned, ca. 1800 - 1820.
The iron ferrules on this curved shave appear English.

100400T13 **Chamfering knife (jigger)**

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

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

TCJ1002 **Coopers' adz**

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

This is almost certainly L. and T. J. White, Buffalo, a prolific New York maker of both edge tools and cooper's tools, 1837f.

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

7309T1 **Coopers' adz**

Forged steel, iron, and 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 is possibly made from German steel.

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

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

Davistown Museum Inventory of Tools - Maritime III

Coopers' Tools
Status Location
DTM

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>

12801T7 **Coopers' adz**

DTM

Cast steel, 8" long, 1 1/4" square striking face, 2 9/16" wide blade, signed "VAUGHAN" "PARDOE & COX" "UNION" "WARRANTED".

This tool shows some evidence of hand work, including hand filing and hand forged bevelling at the handle socket, which protrudes from the adz's body. An essential and commonly encountered tool in a cooper's workshop, used to construct the barrels, kegs, and casks of Maine and New England's fishing and commercial industries and the West Indies and Wine Island trades. This is the first tool in our Vaughan & Pardoe collection with Cox as part of the signature. Donated to the Museum by Rick Floyd.

http://www.davistownmuseum.org/pics/12801t7_p7.jpg

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

100400-17 **Coopers' auger**

DTM MH

Cast iron, cast steel and wood, 14 1/2" long, 17 1/2" handle, stamped "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 ax**

BDTM

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). A typical cooper's broad ax used for trimming staves, etc.

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

TCJ2002A **Coopers' bung**

DTM

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

Blunted end.

TCJ2001A **Coopers' bung**

DTM

Wood, 6" long, unsigned.

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

72801T6 **Coopers' bung mallet**

DTM

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

An unusually small cooper's bung mallet.

51100T12 **Coopers' hammer**

DTM

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

100400-19 **Coopers' hammer**

DTM MHC-K

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.

111900TX1 **Coopers' jointer plane**

DTM

Cast steel and wood, 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

Wood, 11 3/4" long, 4 1/2" tapered width, domed face 3" wide, unsigned, ca. 1820 - 1850.

TCJ1001 **Coopers' plane**

DTM

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

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

Davistown Museum Inventory of Tools - Maritime III

Coopers' Tools
Status Location
DTM

TCJ1006 **Coopers' plane**

Wood, 12 5/8" long, 2 3/4" wide, unsigned.
No blade or wedge, appears unused.

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

31602T10 **Coopers' shave**

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.

TCJ1005 **Croze**

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.

100400-7 **Croze**

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

TCJ1003 **Croze**

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. A good example of mid-19th century recycling.

81101T7 **Howell**

Cast steel, iron wedge nut and wood (beech), 12 3/4" diameter, 3 3/8" wide, 1 1/2" curved blade, unsigned.
An excellent example of a cooper's tool used to get a barrel ready for the croze.

TCJ1004 **Howell**

Wood, 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.
Lacking wedge and blade, beech. DATM reports a Benjamin Farley, Hollis, NH, as a manufacturer of cooper's and edge tools, ca.1849. BURGE is probably an owner's sign.

TCJ3500 **Howell (chiv)**

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. 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>

81801T7 **Howell (chiv)**

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".
From southern New Hampshire.

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

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

81101T20 **Leveling plane (sun plane)**

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".
Another American made tool with an English cast steel blade.

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

Cast steel and applewood, 19 3/4" long, 4" wide, 2 1/8" wide blade, signed "Ward" on blade, plane unsigned.
An interesting and uncommon cooper's plane with a Portsmouth, NH, provenance. The blade is English, the plane is curved in shape.

TCJ3501 **Mallet**

Wood and iron, 5 1/2" diameter with a 10" diameter grapple, unsigned.
It has a replaced handle and an iron grapple.

100400-5 **Spoke shave**

Wood, cast steel and brass, 19" long, 5 1/2" blade, 5 1/2" brass plate, unsigned.
This Maine-made unsigned spoke shave 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 cooper's tools.

Davistown Museum Inventory of Tools - Maritime III

Coopers' Tools
Status Location
DTM MHC-K

100400T6 Sun plane

Wood, cast steel blades, 14" long, 3" wide, 2" wide blade, unsigned with an obscure signature on the blade, probably WHITE 1837. A typical coopers' tool used for barrel-making also called a topping plane. A sun plane is used for leveling the ends of staves after they have been beveled with a cooper's adze. 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>

Domestic Utensils

30201T3 Bathtub

DTM LTC

Tin, approx. 46" in diameter, .

This is what you used before the era of cast iron bathtubs and running water. 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

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

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

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

TAB3001 Butter spoon

DTM

Maple, 3 7/8" wide, unsigned.

43006T1 Cheese cutter

DTM

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

A nicely forged and very rare large early 19th century implement.

71401T16 Curling iron

DTM

Cast steel, 10 3/8" long, unsigned.

A typical 19th century curling iron.

<http://www.davistownmuseum.org/pics/71401t16.jpg>

22601P1 Firkin

DTM

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

41801T3 Ladle

DTM

Forged iron, 14" long, 2 3/8" diameter ladle, unsigned marked "3".

A typical blacksmith made tool of the early 19th century.

TAB1302 Pestle

DTM

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

This was probably used for grinding up grain.

7800-T20 Potty chair

DTM MH

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

51100T5 Scissors

DTM

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

No Jonathan Crookes is listed in DATM (Nelson 1999).

121805T11 Shears

DTM

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

An unusual smith forged shear made entirely of wrought iron with no thought of steeling. A totally useless but unique tool.

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

33002T5 Spatula

DTM

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

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>

Davistown Museum Inventory of Tools - Maritime III

Domestic Utensils

Status Location

TAB1016 Tapered wooden box

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

DTM

TCR1022 Turned burl

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

DTM

7800-T15 Whale oil lamp

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

An excellent example of the work of a whitesmith.

BDTM MHC-G

Edge Tools - American Made Cast Steel

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

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 etc. 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

TCC2008 Corner chisel

Cast steel, 16 3/4" long, 11/16" wide, unsigned, ca. 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

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 boatbuilder's tools which included one Tolman plane.

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

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

DTM

TCC2001 Drawknife

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

Maker not listed in DATM. Where did Brown & Walker manufacture their tools?

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

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

DTM

51100T8 Drawknife

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.

DTM

101701T1 Drawknife

Cast steel with wood handle, 17 3/8" wide, 12" blade, signed "LAVERY CAST STEEL", ca. 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

111001T13 Drawshave

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. Early 19th century in appearance.

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

DTM UNK

10700-T5 Gouge

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

There is no Tremont listed in DATM.

DTM

Davistown Museum Inventory of Tools - Maritime III

Edge Tools - American Made Cast Steel

	Status	Location
31501T5 Gouge	DTM	
Forged iron and weld steel, 9 1/16" long, 1 1/8" wide blade, signed "VAUGHN" "TO__ & Co" " WARRANTED WARRANTED". No Vaughn To... Co. is listed in DATM (Nelson 1999). More information is wanted about this maker's sign. Could this be Vaughan & Pardoe? http://www.davistownmuseum.org/publications/volume10.html		
102100T26 Gouge	DTM	
Wood, brass and cast steel, 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	
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. Additional information on Holland & Turner wanted.		
111001T3 Gouge	DTM	
Cast steel and wood, 14" long with 4 1/2" handle, 1 1/4" wide cutting edge, signed "Vaughan Pardoe & Co Warranted Union". Working dates for this company are 1844-1868. http://www.davistownmuseum.org/pics/111001t3_p2.jpg http://www.davistownmuseum.org/publications/volume10.html		
TCC3001 Gouge	DTM	
Cast steel with wood handle, 7 5/8" long, 3/8" wide blade, signed "F. Stones". Strongly beveled handle. DATM (Nelson 1999, 761) lists F. Stones as a maker of chisels and plane irons (no location or dates.)		
TCC3000 Hatchet	DTM	
Cast steel and wood, 3 3/8" long with a 1 7/16" blade, signed "L. OLSEN".		
42607T6 Hatchet	DTM	
Cast steel, 4 3/4" long, 1 15/16" wide blade with a 1" square poll, unsigned. This small hatchet appears to be a one piece all cast steel.		
31908T16 Mortsing gouge	DTM	
Steel and wood, 17 5/8" long, 8" long blade, signed "VAUGHAN" " & PARDOE" "UNION" and "WARRANTED". http://www.davistownmuseum.org/pics/31908t16p1.jpg http://www.davistownmuseum.org/publications/volume10.html		
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 draw knives, 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 adze is uncertain, it could typify the working tool box of any shipwright working in Maine, ca. 1820. 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	
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.		
TCC2005 Shipwright's slick	DTM	
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, which are on display in the Museum. This slick came from a ship carpenter's 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. ca. 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		

		Status	Location
42602T5	Socket chisel		DTM
<p>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 welcomed.</p>			
81602T17	Socket chisel		DTM
<p>Cast steel, 14 1/4" long including a 4 3/8" ferruled handle, signed "BILLINGS." "CAST STEEL" "CHINA" "CAST STEEL" "WARRANTED". 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? A previously unrecorded mark on a clearly hand made tool. 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>			
TCC2011A	Socket chisel		DTM
<p>Cast steel, 9" long and 1/4" wide, signed "TILTON & WHEELWRIGHT MANUFG. CO. WARRANTED CAST STEEL". Maker not listed in DATM. Who was Tilton and Wheelwright and where did they manufacture their tools?</p>			
TCC2004	Socket chisel		DTM
<p>Cast steel, wood and iron, 2 1/2" wide, 17 3/4" long, signed "J. BRIGGS" "CAST-STEEL" and "#" on the opposite side, ca. 1800. Handle with forged ferrule. This tool has a distinctly forged socket. Not specifically listed in DATM but many Briggs are noted as tool makers.</p> <p>http://www.davistownmuseum.org/pics/tcc2004.jpg</p>			
TCC2003	Socket chisel		DTM
<p>Cast steel, forged iron and wood, 1 1/2" width, 13 3/4" length, multiple signatures "B.D. Hathaway"; "J. F. Marbel". B.D. Hathaway is listed in DATM as a New Bedford Mass, edge tool maker 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. An interesting example of adaptation of cast steel manufacturing process at an early date by a U.S. manufacturer. Since the touch mark 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.</p> <p>http://www.davistownmuseum.org/pics/TCC2003.jpg http://www.davistownmuseum.org/pics/TCC2003_sig.jpg</p>			
41801T7	Socket chisel		DTM
<p>Cast steel with wood handle, 12" long, 5" wood handle, signed "VAUGHAN & PARDOE UNION WARRANTED". Use the bio link to see the listing for Vaughan & Pardoe in the Registry of Maine Toolmakers. Working dates for this company are 1844-1868. A gift to The Davistown Museum from Rick Floyd of Newport, Maine.</p> <p>http://www.davistownmuseum.org/publications/volume10.html</p>			
TCC2010	Socket chisel		DTM
<p>Cast steel, 9" long, 1/2" wide, signed "SALISBURY & ALDEN STAFFORD CT CAST STEEL" with an eagle mark. Listed in DATM (Nelson 1999) without location or date.</p>			
102904T13	Socket gouge		DTM
<p>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, ca. 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?</p> <p>http://www.davistownmuseum.org/pics/102904t13_p1.jpg</p>			
10407T3	Wheelwright's shave		DTM
<p>Cast or German steel, wooden handles, 12" long, 1 12/16" wide and 7/8" deeply curved cutting edge, unsigned. Previously described as a cooper's 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 cast or German steel with significant evidence of hand filing and peened iron handle ends, typical of hand made tools of the period (1800 - 1840).</p> <p>http://www.davistownmuseum.org/pics/10407t3.jpg http://www.davistownmuseum.org/pics/10407t3_pic1.jpg</p>			

Edge Tools - Forged

041505T1	Adz	DTM
<p>Weld 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. It's hallmark and nicely carved hooped wooden handle date it to the early 19th century.</p> <p>http://www.davistownmuseum.org/pics/041505t1.jpg</p>		
12801T9	Chisel	DTM
<p>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.</p> <p>http://www.davistownmuseum.org/pics/12801t9_p5.jpg http://www.davistownmuseum.org/publications/volume10.html</p>		
12801T10	Chisel	DTM
<p>Forged iron and steel, 10 5/8" long, 1/2" wide blade, very crisply marked "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>		
041505T21	Drawknife	DTM
<p>Weld steel and forged iron with wood handles and 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>		
50402T5	Drawknife	DTM
<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
<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
<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 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, pg. 354).</p> <p>http://www.davistownmuseum.org/pics/21201t5.jpg</p>		
10407T4	Drawshave	DTM
<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. 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>		
913108T32	Drawshave	DTM
<p>Iron with a welded steel cutting edge, wood, 19 1/4" long, 13" blade, signed "HIGGINS", c. 1835-40?.</p>		
21201T8	Fishgut (?)	DTM
<p>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.</p>		

Davistown Museum Inventory of Tools - Maritime III

Edge Tools - Forged

Status Location

032203T2 Framing chisel

DTM

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

42904T3 Framing chisel

DTM

Forged iron and weld steel, 10 9/16" long, 2" wide cutting edge, unsigned.
No handle.

TCS1001 Froe

DTM

Forged iron and steel, 17 1/2" long, 15" blade, unsigned.

An essential woodworking tool utilized for shingle making and one of the basic tools in a settler's tool kit.

913108T44 Gouge

DTM

Iron and steel with a wooden handle, 15" long, 10" long blade, signed "ASKHAM & MOSFORTH".

A typical hand-forged edge tool probably made in the third or fourth decade of the 19th century.

41907T2 Gouge

DTM

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 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.

090109T3 Gouge

DTM

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>

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>

TCC3002 Gouge

DTM

Cast or forged steel with wood handle, 8 1/2" long including handle, 1/2" wide, signed "F. Stones".

Listed in DATM (Nelson 1999, 761) but location unknown. We have two gouges by this maker; who is F. Stones and where did he work?

090109T1 Gouge

DTM

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>

TCC3005 Hatchet

DTM

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

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

81801T12 Router

DTM

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

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

TCC3004 Scorp

DTM

Forged iron and/or steel, 7 1/4" diameter, unsigned, ca. 1840.

A multiple purpose woodworking tool used for bowl and shave making.

Davistown Museum Inventory of Tools - Maritime III

Edge Tools - Forged

Status Location

071704T2 Socket chisel

DTM

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.

4105T3 Socket chisel

DTM

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

090109T2 Socket chisel

DTM

Forged steel, iron, and 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>

121805T7 Socket chisel

DTM

Steel and iron, 10" long, 1 3/4" wide, unsigned.

This appears to be made of blister steel with a steeled cutting edge. It is slightly beveled mid ridge, characteristic of European design. German steel?

<http://www.davistownmuseum.org/pics/121805t7.jpg>

071704T7 Socket chisel

DTM

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.

121805T16 Socket chisel

DTM

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

31808PC6 Spud

DTM

Steel or iron and wood, 27 1/2" long, 9 1/2" long blade, unsigned.

040904T2 Tanged slick or French chisel

DTM

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 handmade, hand chiseled 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 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

041505T22 Wheelwright's shave

DTM

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 maker's shave. It is hand forged and filed.

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

Edge Tools - Imported English Cast Steel

090508T11 Chisel

DTM

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.

Davistown Museum Inventory of Tools - Maritime III

Edge Tools - Imported English Cast Steel

		Status	Location
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".			
TCC1004	Chisel	DTM	
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. Beveled handle.			
TCC1003	Chisel	DTM	
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			
33002T20	Chisel	DTM	
Cast steel, wood, with brass ferrule, 9" long including 5 1/6" handle, signed "Moulson Brothers Cast Steel".			
TCC1005	Chisel	DTM	
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.			
63001T6	Drawknife	DTM	
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	
Cast steel, brass ferrules, wood handle with iron rivets, 17 1/2" long, 10 1/4" long blade, signed "JAMES CAM CAST STEEL". A very fine example of a quality English edge tool.			
112704T4	Drawknife	DTM	
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			
913108T51	Drawshave	DTM	
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 just at the point of manufacturers starting to use cast steel.			
TCC1007	Gouge	DTM	
Cast steel, 7 1/2" long, 3/16" wide blade, signed "P. STUBBS CAST STEEL". http://www.davistownmuseum.org/bioStubs.htm			
TCC1009	Gouge	DTM	
Cast steel, 6 5/8" long, 5/16" wide, signed "J. CAM". James Cam. http://www.davistownmuseum.org/bioJamesCam.htm			
51201T11	Gouge	DTM	
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			

Davistown Museum Inventory of Tools - Maritime III

Edge Tools - Imported English Cast Steel

	Status	Location
42904T10 Gouge		DTM
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. A Sheffield, England manufacturer.		
TCC1002 Gouge		DTM
Cast steel with wood handle, 9 3/4" long including handle, blade 13/16" wide, signed "Mottran Cast Steel".		
51201T10 Gouge		DTM
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
Wood, brass and cast steel, 6 3/4" long, 3 3/16" wood handle, signed "Groves & Son Cast Steel". One of the more prolific of English cast steel tool manufacturers.		
33002T18 Gouge		DTM
Cast steel, 10" long, 1 9/16" wide, signed "W. Greaves & Son Cast Steel". Typical of the 19th century woodworking tools imported from Sheffield, England. http://www.davistownmuseum.org/pics/33002t18.jpg		
102904T12 Socket chisel		DTM
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 (ca. 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 toolmaker's 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		
041505T3 Socket chisel		DTM
Weld cast steel and malleable iron, wooden handle, iron ferrule, 13 1/4" long, 1 7/16" wide blade, signed "CAST STEEL" and an obscured makers mark. 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		
TCC1006 Tanged gouge		DTM
Cast steel with wood handle, 9 1/2" long, 1" wide blade, signed "Groves & Son Cast Steel". Replaced handle. DATM (Nelson 1999, 1021) lists Richard Groves & Son as a foreign maker of chisels and saws dating from 1770 - 1892.		
121805T18 Tin snips		DTM
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		
TCC3010 Wood chisel		DTM
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?		

Files

Davistown Museum Inventory of Tools - Maritime III

Files

Status Location

51201T12 File

DTM

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>

TCL1001 Rasp

DTM

Forged steel, 6" long with a 4 1/2" long handle, signed "J. DAY & CO.".

DATM lists James Day of Gloucester, MA, as a maker of planes, ca. 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. approximately 10 years ago. 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.

TCL1002 Selection of files

DTM

Forged or cast steel, unsigned.

This selection of files illustrates the transition from the imported cast steel files ca. 1800 to the mass produced files of ca. 1900.

72801T8 Square file

DTM

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?

Fishing Implements

7309T3 Eel spear

LPC

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>

TAB1007 Mackerel plow

DTM

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

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 the appearance which 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

Hammers

041505T10 Ball peen hammer

DTM

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. It's 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 Carriagemaker's tack hammer

DTM

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

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

TCN1002 Claw hammer

DTM

Forged iron and/or steel, 5 1/4" long with a 1" square face, signed "G LINDLEY", ca. 1820.

No G. Lindley is listed in DATM.

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

Davistown Museum Inventory of Tools - Maritime III

Hammers

		Status	Location
TCM1004	Claw hammer		DTM
<p>Forged iron and/or steel, 2 1/2" long, 1/2" circular face, unsigned. What would such a small hammer be used for?</p>			
82500T1	Claw hammer		DTM
<p>Forged iron and wood, 12" long, 4 1/2" long head, 4 1/4" long straps, unsigned. A typical early 19th century hammer.</p>			
TCM1001	Cobblestone hammer		DTM
<p>Forged iron and steel, 12" long, 1 1/8" round face, signed "COCKRHYMES & CO" on one side and "J.T. & CO" on the reverse side. Distinct beveling on the head. The prototypical tool used to construct the cobblestone streets of Portland, Boston, and other Atlantic coastal cities.</p> <p>http://www.davistownmuseum.org/pics/TCM1001.jpg http://www.davistownmuseum.org/pics/TCM1001-2.jpg</p>			
71401T5	Cobblestone hammer		DTM
<p>Cast steel and wood, 13 1/16" long, unsigned. An elegant example of the common cobblestone hammer of the 18th and early 19th century. Probably manufactured after 1800.</p> <p>http://www.davistownmuseum.org/pics/71401t5.jpg</p>			
32802T6A	Flattening hammer		DTM
<p>Wood and iron, 1 1/2 x 2 1/2 faces, unsigned. This is a two faced rectangular flatter. A nice example of a general purpose whitesmith's flattening hammer of lighter weight and smaller size than a blacksmith's flatter, which often has only one face. Another name for this type of hammer may exist.</p> <p>http://www.davistownmuseum.org/pics/32802t6a.jpg</p>			
TCM1005A	Hammer		DTM
<p>Forged iron and steel, 4" long, 11/16" square face with 1 1/4" straps, signed "H M CHRISTENSEN BROCKTON MASS", ca. 1840?. Maker is not listed in DATM. Also marked "WALSH."</p>			
TCY1002	Hammer		DTM
<p>Forged or cast steel, 6" long including the head, unsigned. Unusual pointed head, unknown use.</p>			
TCM1003	Hammer		DTM
<p>Forged iron and steel, 5 3/8" long, unsigned. Clearly forged with many bevels, unsigned, unknown use.</p>			
112400T2	Hammer		DTM
<p>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).</p>			
041505T18	Hammer heads (6)		DTM
<p>Drop forged or cast steel, Not measured, signed one cross peen is marked "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 hand made are drop forged with later hand filing on them. According to DATM (Nelson 1999) Warner & Noble made tools ca. 1894, location unknown. The other cross peen is an early looking (ca. 1820 - 1840) upholsterer's hammer. The unique hammer with an extended claw is forged iron, ca. 1800 - 1840. What was it's use?</p> <p>http://www.davistownmuseum.org/pics/041505t18.jpg</p>			
913108T20	Hammerhead		DTM
<p>Hand-forged malleable iron, 9 1/2" long, unsigned.</p>			
032203T3	Horseshoe knocker (?)		DTM
<p>Reforged steel rasp, 8 3/4" long, 2 3/16" cutter at one end, unsigned. 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 shoed 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 abuse. This illustrates the varying amount of carbon in different sections of this tool.</p> <p>http://www.davistownmuseum.org/pics/032203t3_p1.jpg http://www.davistownmuseum.org/pics/032203t3_p2.jpg</p>			

Davistown Museum Inventory of Tools - Maritime III

Hammers

	Status	Location
31602T12 Mallet	DTM	
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.		
31602T4 Millstone facing hammer	DTM	
Iron, steel and wood, 9 1/2" long, 4 1/2" long head, 1 3/8" wide steel faces, unsigned.		
041505T11 Miniature hammer	DTM	
Cast or forged steel and 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 metal smith. It is in the center of the photograph. http://www.davistownmuseum.org/pics/041505t10.jpg		
041505T7 Sledge hammer	DTM	
Cast iron and wood, 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	
Forged iron, 5 1/8" long, 1 5/8" square face, unsigned, date unknown. This primitively forged sledge hammer has a contemporary (late 19th century) look but also appears to have been made from bog iron or incompletely processed pig iron with many impurities and defects. How old is this hammer and who made it?		
102800T3 Sledge hammer	DTM	
Cast 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	
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	
Forged iron, 9 1/2" long, iron handle 4 1/2" long, 1/2" round face, unsigned. Locally 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 "A Museum of Early American Tools," 1964, for an illustration of another snowball hammer. http://www.davistownmuseum.org/pics/tcm1005.jpg		
51201T6 Stone hammer	DTM	
Forged iron, 7 1/2" long, unsigned, ca. 1840?. A smith made double ended splitting maul.		
42405T7 Upholsterer's hammer	DTM	
Forged iron and steel with wooden handle, 5 1/4" long, 5/8" diameter head, 10" long handle, unsigned. A nice example of a smith-made hand forged strapped hammer, possibly for carriage interiors.		

Knives

(Except race knives, see logger's tools)

TCR1006 Cleaver or block knife	DTM	
Cast steel, 12" long, 5 5/8" blade, a small obscure signature on the blade is no longer legible. Probably a block knife with one piece construction. It has a hole in the handle for convenient hanging.		
62406T2 Curriers' fleshing knife	DTM	
wood, steel, iron, and brass ferrule, 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, pg. 792). http://www.davistownmuseum.org/pics/62406T2-3.jpg		

Davistown Museum Inventory of Tools - Maritime III

	Knives
	Status Location
121805T20 Knife	DTM
Steel with a tropical wood handle, 16 1/4" long including a 5" handle, signed "JC _____ F" to obscure to read. This knife appears hand forged, hand finished, and is probably pattern welded. http://www.davistownmuseum.org/pics/121805t20.jpg	
81200T14 Knife	DTM MHC
Steel, Rosewood and lead, 9 1/2" long, signed "J Ward Riverside Mass", ca. 1840. Early lead inlaid handle. No J Ward is listed in DATM.	
TCN1001A Knife	DTM
Forged iron or steel, 8 1/2" long with a 4" blade, unsigned. Made from a recycled saw blade?	
72801T13 Knife	DTM
Cast steel and wood, signed "J Ward & Co. Riverside Mass". J Ward & Co. is a heretofore unlisted in DATM (Nelson 1999), Boston knife maker. This is a common kitchen knife.	
913108T40 Knife	DTM
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.	
TCR1007 Knife	DTM
Forged iron and wood, 17" long, 9 3/4" blade, unsigned. The blade is distinctly hand forged, with a hand made handle. What is the purpose of this tool -- was it used for skinning?	
TCN1002A Oyster knife	DTM
Forged iron or steel with copper rivets, 5 1/2" long, 2 1/2" blade, unsigned, ca. 1820.	
TCN1001 Oyster? knife	DTM
Forged iron or steel, 7 3/4" long; the blade has a maximum width of 3/4", touchmark "D". What other use could this knife have?	
102100T20 Palette knife	DTM
Rosewood and cast steel, 6 1/4" long, 3 5/8" handle, signed "FWD & Co".	
100400-11 Putty knife	DTM MHC-G
Cast steel, brass and rosewood, 7" long, 1 3/8" wide blade, signed "J. RUSSELL & CO GREEN RIVER WORKS", ca. 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. See DATM (Nelson 1999, 679-680).	
Loggers' Tools	
TCO1002 Bark spud	DTM
Forged iron, 25" long, 2 1/2" diameter, unsigned, ca. 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. Also used to remove hemlock bark for use in a tannery.	
7309T7 Cant dog	DTM
Forged malleable iron and wood, 52 1/2" long, 14 1/4" 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	DTM
Forged and cast iron, 13 1/4" long, unsigned. Generic peavey, but with a clearly hand forged handle casing. http://www.davistownmuseum.org/pics/101900t3.jpg	

Davistown Museum Inventory of Tools - Maritime III

Loggers' Tools
Status Location
DTM

101400T17 Race knife

Cast or forged steel and wood, 5 3/4" long with a 2" slit, unsigned.
A timber scribe also used to mark the ends of planks and logs.

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

100400T18 Race knife (timber scribe)

DTM MHC-F

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

A typical lumberman's 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 it.

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

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

TCR1019A Saw set?

DTM

Forged iron or steel, 9 5/8" long, unsigned.

This saw set is unusual due to its elegant wing shaped handles.

50101T3 Tho-shot

DTM

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

This 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. Donated to The Davistown Museum by Robert Lawrence.

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

31901T1 Tho-shot

DTM MH

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

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

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

TCO1001 Wedge

DTM

Forged iron, 6 3/8" long, 3" wide, unsigned.

Typical of a small blacksmith made wedge. One of the most essential items in the tool kits of a Davistown or any frontier settler.

Machinists' Tools

14302T16 Screw plate

DTM

Cast steel, 10 1/4" long, unsigned.

A typical machinist tool of the late 18th and early 19th centuries.

111001T38 Surface gauge

DTM

Cast steel, 4 1/8" long, 4" high, unsigned.

A finely constructed tool; ornate in form with a carefully filed surface. It is typical of a shop made tool at the beginning of the Industrial Revolution.

Measuring Tools

032203T5 Adjustable bevel

DTM

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

81101T19 Adjustable calipers

DTM

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

This finely cast caliper is difficult to date - but may be a late 18th century example of his work. Another fine example of the Stubs empire of tool manufacturing.

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

Davistown Museum Inventory of Tools - Maritime III

Measuring Tools

Status Location

111002T4 **Adjustable dividers**

DTM

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

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

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

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) indicates was a German manufacturer exporting tools in the 19th century (pg. 98). This tool is also marked with numerous stars -- probably an owner's mark. Why did Stevens as well as Boker copy the early English style of adjustable calipers? Did English toolmakers who emigrated from Sheffield bring this prototype with them?

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

111001T15 **Calipers**

DTM

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

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

TCP1005 **Compass**

DTM

Forged iron, 5 1/2" long, signed "THEWLIS & CO" and "BOOTH BROTHERS DUBLIN".

DATM (Nelson 1999, 782) lists Thewlis & Co. as a maker of a small machinists' square, Boston, 1885. This compass has an 18th century English pattern with a later style manufacturer's signature.

914108T5 **Dividers**

DTM

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

11301T4 **Dividers**

BDTM

Cast steel and forged iron, 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, legs. It has beveled central leg shafts. An early 19th century masterpiece of forged iron and steel. The transition to steel tips on the legs is distinctly visible.

83102T8 **Dividers**

DTM

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

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

81602T16 **Dividers**

DTM

Cast steel (?), 11 7/8" long, signed "P. PETERS. NATICK MASS.".

The letters of the name are difficult to read. DATM (Nelson 1999) lists Patrick F. Peter (or Peters) in Natick as having a Jan. 22, 1878 patent for a cobblers' last hammer.

http://www.davistownmuseum.org/pics/81602T16_p2.jpg

http://www.davistownmuseum.org/pics/81602T16_p3.jpg

31808PC1 **Double caliper**

DTM

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

111001T26 **Double calipers**

DTM

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.

61204T10 **Folding rule**

DTM

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

DTM

63001T2 Framing square

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>

41203T9 Framing square

DTM

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

DATM (Nelson 1999) notes M. Hildick worked in Walsall. This signature is not uncommon. Another hand forged, hand stamped, framing square.

121906T1 Framing square

DTM

Malleable iron, 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>

040103T9 Framing square

DTM

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. 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>

63001T1 Framing square

DTM

Forged iron, 12" x 24", 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>

TCQ1001 Framing square

DTM

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

Hand stamped. Maker not listed in DATM (Nelson 1999). An American made form. Who was J. F. Brown and where did he work?

102100T15 Framing square

DTM

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

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

41203T10 Framing square

DTM

Wrought 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. A great example of Yankee thrift.

30801T1 Framing square

BDTM

Cast steel, 18" x 24", signed "CAST STEEL J. ESSEX WARRANTED NO 1".

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

TBE1003 Level

DTM

Brass, 2 1/2" long, 7/16" wide, unsigned, ca. 1800?.

Another example of a user made tool.

Davistown Museum Inventory of Tools - Maritime III

Measuring Tools
Status Location
DTM

TJS1302 Measuring device

Cast steel, 2 1/4" long, 1 1/2" wide, signed "COFFIN & LEIGHTON SYRACUSE NY".

DATM (Nelson 1999, 177) lists Coffin & Leighton as located in Syracuse, NY from 1885 - 1901. Herbert Leighton patented a combination vernier, bevel, and square 17 Jan. 1893 and a machinists' rule 25 Aug 1885 by both he and John Coffin. In 1902 they sold their business to the Goodell Pratt Co.

31808PC7 Mortising gouge

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

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

TCQ2201 Navigational rule

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

91303T14 Parallel rule

Brass and rosewood, 6" long, unsigned.

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

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 mariner's 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

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. Nearly exactly the style of the try square (CAT # 71401T11) in Maritime II, suggesting that a Sheffield toolmaker emigrated to America bringing with him both toolmaking skills and design prototypes.

TCP1002 Try square

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

Another typical shop-made tool used on site by its maker.

71401T11 Try square

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

A typical ca. 1800 imported English tool.

102100T11 Violin maker's gauge

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

81200T Whitesmith caliper

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

Miscellaneous Forged Hardware

10407T8 Iron ship fitting

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

041505T23 Log dog

Forged iron, 12 3/8" long, unsigned.

One of the essential iron components of a timber framed barn, house or wharf. It is smith-forged and difficult to date. Also called a barn dog.

<http://www.davistownmuseum.org/pics/041505t23.jpg>

Miscellaneous Items

70701T11 Carriagewheel hub

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

From a Searsport, Maine wheelwright's shop.

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Items

Status Location

70701T2 Carriagewheel hubs (3)

DTM

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, ca. 1820 - 50.

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

5303PR1 Cribbage board

LPC

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

A spar salvaged from a transpacific China trade vessel wreck, ca. 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, seaman's collection via the Liberty Tool Co., around 1985.

111001T41 Doll's dress

DTM

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

From Abiel Walker's attic in Alna, Maine. Date of production unknown.

83102T2 Horseshoe

DTM

Hand forged iron, 5" high, 4 1/2" wide, unsigned.

A nicely forged example of a farrier made horseshoe.

42602T8 Skates

DTM

Cast steel, curly maple, leather thongs, forged iron heel holders, 5" diameter arch, obscure 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 (ca. 1800) with their sharply curved front runners.

TBB1004D Tool box

DTM

Wood with forged iron handles, 22" long, 1' wide, 9 1/2" high, signed "L? I? JONES West Barnsta" (ble), ca. 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.

70701T10 Tweezers

DTM

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

McCoy is not listed in DATM, he probably is an owner or vendor.

31602T14 Weights (collection)

BDTM

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

Three crucibles with three different varieties of weights.

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

Miscellaneous Primitives

TKD3501 Carved flower

DTM

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

European in origin, 17th or 18th century. This flower may have been a pattern, fragment in a casting or may have served a decorative function in an unknown context. 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>

TAB1301 Clamp

DTM

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.

A3501 Frieze

DTM

Polychromed wood, 17 1/2" long, 2 1/8" wide, unsigned.

Age unknown.

TAB3500 Icons (2)

LPC

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

The age and function are unknown.

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Primitives

	Status	Location
102503P2 Net menders (2)	DTM	
Wood, unsigned. This pair of net menders have a coastal Maine provenance and were used to mend seine nets and other fishing gear.		
TCP1006 Number stamps	DTM	
Forged iron, 2 1/4" long with 1/8" numbers, unsigned. Eight hand forged number stamps. Also the letter "P", 5/16" high.		
TGB2207 Owl figurine	DTM	
Cast bronze?, 4 1/2" long, 1 3/8" wide, unsigned.		
TKD2001 Pattern	DTM	
Brass and wood, 9 1/2" long, 2 1/4" wide, unsigned. http://www.davistownmuseum.org/bioLynch.htm		
TKD3500 Pattern	DTM	
Wood, 9 1/2" high, 9 1/4" wide, unsigned. European, 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	DTM	
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. Age unknown. http://www.davistownmuseum.org/bioLynch.htm		
TAB3501 Patterns (2)	DTM	
Wood and plaster, 5 7/8" long, 2 1/4" wide and 7 3/8" long, 3 1/2" wide, unsigned. Patterns for fret work repairs. These patterns were used to create the plaster models for repairing fret work on classical revival furniture.		
7800-T21 Saddler's vise	DTM	MH
Wood, 30" high, 4 1/2" mouth, unsigned, ca. 1840.		
102503P1 Sculling oar	LPC	
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.		
102503P4 Spar used for a game with pegs	DTM	
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.		
041505T28 Spinning tool	DTM	
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 recycled file steel. An uncommon tool for a long lost trade.		
TCR3512 Stool	DTM	
Wood, 18" long, 9 3/4" wide, 8 3/4" high, unsigned.		
TAB3502 Table	DTM	
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.		
TCK1006 Tool carrier	DTM	
Wood, 22 1/4" long, 12 5/8" wide, unsigned.		

Miscellaneous Tools

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Tools

	Status	Location
102100T10 Awl Forged iron?, 6 1/8" long, unsigned.		DTM
TBF1007A Awls (3) Forged iron or steel and wood, unsigned.		DTM
112704T7 Blocks (2) Wood, rope and cast iron, First 6 1/2" long, 5" wide; second 6" long, 4 7/8" wide both with 3 1/4" diameter shives, unsigned, ca. 1840. These blocks with their homemade rope bindings are typical of mid-19th century coasting vessels. Made in small shops or factories, the cast iron sheaves have now replaced the typical wood sheave of a slightly earlier period.		DTM
TCR1004 Box hook Forged iron and wood, 8" in length, unsigned, ca. 1800. Nicely forged, with distinct beveling. These were often used for unloading boxes and crates from ships.		DTM
TCR1014 Brick? chisel Forged iron, 7" long, 2 1/8" blade, unsigned.		DTM
TCR1001 C clamp Forged iron, 2 1/4" wide throat, by 3 1/2" deep, unsigned, 1810-1850?. This tool has a beautiful forged ram's horn bolt. The threads look fairly modern. How early is this tool?		DTM
102100T25 Chalkline Wood, 6 1/4" long, unsigned. Nicely turned example of a common 19th century tool.		DTM
913108T5 Clamp Hand-forged wrought or malleable iron, 3 1/2" by 2 7/8" clamp with a 3" long screw, unsigned.		DTM
51606T7 Clamp Forged iron, 11" long, unsigned. The exact function of this hand-wrought and hand-filed tool is unknown.		DTM
102100T7 Countersink Cast steel, 4" long, signed "IBBOTSON & CO CAST STEEL". Another imported tool from one of Sheffield's most prolific forges.		DTM
72801T14 Countersink Cast steel, 4 7/8" long, signed "R M Diton Hermitage Works Sheffield". This notched countersink is for a gentleman's brace. An excellent example of an imported English tool of the early 19th century. This is not a common signature.		DTM
102100T27 Crimper Wood and copper coin, unsigned. Use 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.		DTM
81101T16 Draw plate Cast steel, 10 1/8" long, 3 5/8" handle, signed "P. S. Stubs H", ca. 1780 - 1810. An exquisite example of a Stubs tool. http://www.davistownmuseum.org/bioStubs.htm		DTM
3405T1A Drawplate Steel, 4 1/16" long, 1 1/4" wide, square holes, signed "Perelet France Garantie" and "L24". 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.		DTM
3405T1B Drawplate Steel, 4 7/8" long, 1 5/8" wide, 1/2 oval holes, signed "Perelet France Garantie" and "L3L". Also numerated 1 - 20.		DTM

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Tools

Status Location

3405T1C **Drawplate**

DTM

Steel, 4 1/2" long, 1 3/16" wide, circular holes, signed "Joubert France Garantie" and "B" with a crown touchmark.
Also numerated 1 - 20.

3405T1D **Drawplate**

DTM

Steel, 4" long, 1 3/16" wide, circular holes, signed "Joubert France Garantie" and "A" with a crown touchmark.
Also numerated 1 - 20.

32708T56 **Gentleman's brace**

DTM

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.

<http://www.davistownmuseum.org/pics/32708t56-4.jpg>

<http://www.davistownmuseum.org/pics/32708t56-3.jpg>

62406T7 **Hand vise**

DTM

Iron and puddled steel, 6 1/2" long, 2 13/16" wide jaws, 3 3/8" long nut, signed with the characteristic P Stubbs mark.
A highly unusual variation of a common hand vise due to an ornate forge welded ram's horn nut.

102800M10 **Hand vise**

DTM

Cast steel, 4 5/8" long, 1 1/2" wide jaw, signed "P S Stubbs" and by owner "W.F. Blake".
Found in machinist's tool box now on display with W. F. Blake tools.

<http://www.davistownmuseum.org/bio#/bioKnoxEngine.htm>

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

TCR1301 **Hand vise**

DTM

Forged iron or steel, 4" long, signed "STUBS" also signed "K. MAIER".

Another example of the fine quality imported tools of the Stubbs Company in Lancashire, England. The signature K. Maier is probably an owner's signature.

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

TCR1302 **Hand vise**

DTM

Forged iron or steel, 3 1/2" long, signed "G. KIPP".

Maker is not listed in DATM; who was G. Kipp? This tool looks very similar to a Stub hand vise, but lacks his prominent signature.

TCR1011 **Hand vise**

DTM

Cast steel, 4 1/2" long, 1 5/16" wide jaw, signed "P. S. STUBBS".

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

101400T14 **Ice tongs**

DTM

Forged iron, 16" long, unsigned.

A particularly graphic example of blacksmith made ice tongs. Note the distinct marks of hand forging just below the handles.

32802T5 **Lathing staff**

DTM

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

Joseph Moxon's "Mechanick Exercises" shows a lathing staff of iron on the plate of bricklayer's gear. It looks very similar to this tool. Joseph Gwilt mentions this tool in his "Encyclopedia of Architecture". 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>

913108T22 **Leather cutter**

DTM

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.

51201T14 **Lot of 21 tools**

DTM

Steel or wood, .

Eight steel tools (files, punches) and 13 wood items (handles, shims, 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>

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Tools

		Status	Location
43006T7	Marking gauge	DTM	
<p>Puddled 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.</p>			
81200T3	Oil stone	DTM	MH
<p>Arkansas stone? with a wood case, 7 7/8" long, 1 1/4" wide, unsigned.</p>			
33002T21	Oil stone	DTM	
<p>Arkansas stone (?) and wood, 9 7/8" long, frame 10 1/16" long, unsigned.</p>			
102904T5	Pickaroon	DTM	
<p>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 it's 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.</p>			
<p>http://www.davistownmuseum.org/pics/102904t5.jpg</p>			
TCR1002	Pliers	DTM	
<p>Forged iron, 7 15/16" long, unsigned, probably ca. 1820. These primitive hand forged pliers are hard to date and have no maker's signature.</p>			
TCR1020	Pliers	DTM	
<p>Forged steel?, 6" long with 13/16" wide jaws, signed "Fletcher". Fletcher may be a New Hampshire tool maker. 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?</p>			
<p>http://www.davistownmuseum.org/pics/tcr1021.jpg</p>			
71401T18	Plumb bob	LPC	
<p>Cast brass, 4 3/4" long, unsigned. Probably an early product of the Stanley Tool Co. and an excellent example of the most sought after of 19th century plumb bobs.</p>			
<p>http://www.davistownmuseum.org/pics/71401t18.jpg</p>			
121600T3	Punch	DTM	
<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	
<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.</p>			
<p>http://www.davistownmuseum.org/pics/102904t15.jpg</p>			
42405T8	Saw set	DTM	
<p>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.</p>			
041505T29	Saw set	DTM	
<p>Forged iron and steel, signed "S. C. BEMIS", ca. 1838. Stephen C. Bemis, probably of Springfield, MA. Bemis later founded Bemis & Call H & T Co. of Springfield, 1844-1910.</p>			
<p>http://www.davistownmuseum.org/pics/041505t29.jpg</p>			
TCC3006	Scissors	DTM	
<p>Forged steel, 10" long, 4 1/2" blade, unsigned, ca. 1810, could be 18th century. Generic forged steel scissors</p>			

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Tools

Status Location

51201T9	Screw clamp		DTM
<p>Wood, 3 7/8" wide with 5" long wooden screws, marked "5". This clamp is from the Simon Willard toolbox. http://www.davistownmuseum.org/pics/51201T9.jpg http://www.davistownmuseum.org/bioWillard.htm</p>			
51100T3	Screwdriver		DTM
<p>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?</p>			
TCR3500	Screwdriver		DTM
<p>Wood and cast steel, 7 1/4" long, unsigned.</p>			
913108T34	Screwdriver		DTM
<p>Hand-forged malleable iron, 5" long, unsigned.</p>			
102904T4	Screwdriver		DTM
<p>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. It looks like a quality one piece cast steel tool, but is not marked as such. http://www.davistownmuseum.org/pics/102904t4.jpg</p>			
42604T10	Serving tool		DTM
<p>Wood, 4 4/4" long including 3 1/8" handle, 3 1/3" wide, 1 1/4" diameter serving surface, unsigned.</p>			
TCR2204	Sharpening stone		DTM
<p>Unknown stone, 9" long, unsigned.</p>			
81101T8	Slater's rip		DTM
<p>Forged iron, brass ferrules and wood handle, 15 7/8" long, 10 1/8" blade, unsigned.</p>			
33002T15	Snips		DTM
<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
<p>Forged iron with welded steel blades, 8 3/8" long, 2" blades, marked "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>			
41801T14	Socket extension		DTM
<p>Forged iron, 7 1/2" long, unsigned. Fits an early form of a bit brace. It could be 18th century. Use?</p>			
81200T8	Soldering iron		DTM MH
<p>Forged iron and copper, 16 1/4" long, unsigned, ca. 1820 - 1840. Typical of soldering irons used to solder copper plating on a ship's hull.</p>			
51201T13	Stroup		DTM
<p>Leather and wood, 10 5/8" long, 1 5/16" wide, . Used for keeping a fine edge on gouges by removing burrs. http://www.davistownmuseum.org/pics/51201T13.jpg http://www.davistownmuseum.org/bioWillard.htm</p>			
913108T30	Tap		DTM
<p>Steel and wood, 3 1/2" long with a 2 5/8" long metal end, 3" wide handle, unsigned. A wooden tap for making a hole in a piece of wood.</p>			
81200T16	Thread cutter		DTM
<p>Wood and forged steel, 3 3/8" long cutter, 1/2" diameter thread, unsigned. Typical blacksmith made primitive of the early 19th century. Donated by David McLaughlin.</p>			

Davistown Museum Inventory of Tools - Maritime III

Miscellaneous Tools

	Status	Location
090508T8 Tin snips German steel, 15" long, 3 3/8" long cutting blade, signed with a trefoil mark.		DTM
32708T51 Trammel point Bronze and oak, 14" long, points 5" from screw to tip, unsigned. http://www.davistownmuseum.org/pics/32708t51-1.jpg		DTM
TCR1010 Turn screw Forged iron and wood, 8" long, unsigned, probably made 1820-1840. This blacksmith made turn screw has a strongly beveled shaft.		DTM
111001T39 Turn screw Wood, brass and cast steel?, 6 3/4" long, 3" handle, unsigned. A typical turn of the century (1800) hand tool.		DTM
81200T2 Turn screw Wood, brass and cast steel, 24 1/2" long, unsigned with owner's initials "C.B.N." on the wood handle, ca. 1820 - 1840. http://www.davistownmuseum.org/pics/81200t2.jpg	DTM	MH
TBG1002 Turned net weight Has lead? Interior, 1 5/8" diameter, unsigned, ca. 1800 - 1820.		DTM
71401T4 Unidentified tool Cast steel, 22" long, unsigned.		DTM
82500T2 Wrecking bar Forged iron, 26" long, 2 1/4" wide pry, unsigned, ca. 1820 - 1840. A blacksmith forged wrecking bar with an exceptionally wide claw.		DTM

Miscellaneous Tools with English Marks

111001T31 Tin snips Cast steel, 5" long, 1 3/8" cutting blade, signed "P. S. Stubs". Another example of an imported English tool. http://www.davistownmuseum.org/bioStubs.htm		DTM
102100T14 Whitesmith's shears Cast steel, 14 1/2" long, 3" cutter, 3" stake extension, signed "P S STUBS". An unusual adaptation of common shears to use in a whitesmith's staking plate. http://www.davistownmuseum.org/bioStubs.htm		DTM
10700-T4 Whitesmith's shears Forged iron or cast 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

Other Woodworking Tools

12801T8 Bit brace Forged iron, signed "Taylor's Patent", also marked "I Wilson". 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?		DTM
31501T1 Brace and bits (3) Cast steel and wood, one 4" and two 3 1/2" bits, 9 1/2" long brace with 3 3/4" swing, marked "CAST STEEL" on bits. Mounted by a previous collector on wood; manufacturer's signature not visible. A typical bit and brace set of the early 19th century, prior to the mass production of patented braces.		DTM
70701T8 Center bit Cast steel, 4 1/2" long, 9/16" diameter cutter, signed "Melhuish Fetter Lane". A very unusual manufacturer's signature; probably from Sheffield, England. Additional information wanted.		DTM

Davistown Museum Inventory of Tools - Maritime III

Other Woodworking Tools

	Status	Location
102100T13 Dog Forged iron, 4" long single wedge leg, 3 1/8" long double wedge leg, unsigned. Used to hold wood together during gluing.	DTM	
10700-T3 Gimlet Forged iron and wood, 10 3/4" long with 7" long handle, unsigned.	DTM	
TCR1019 Mallet Wood, 6" long, unsigned. A generic tool typical of a carpenter's tool box of the mid 19th century. http://www.davistownmuseum.org/pics/tcr1021.jpg	DTM	
TCS1002 Marking gauge Fruitwood, 1' long, 3" high, unsigned, ca. 1820. A depth measuring tool with threaded screw. Common to all carpenter's tool kits.	DTM	
82500T5 Mortise cleaner Forged iron, 23 1/3" long, illegible signature. This delicate tool is probably early 19th century. It is displayed with our collection of mortising tools.	DTM	
TCR1018A Nail set Forged iron, 4 1/8" long, 3/16" diameter set, unsigned, ca. 1820. Distinctly hand forged. 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.	DTM	
81101T11 Shake mallet Wood, 15 1/2" long, unsigned. A typical farm mallet probably used with a froe to make shakes and shingles.	DTM	
30201T2 Wheelwright's stand Wood, approx. 28" high, 26" wide, . This tool was used to balance and repair broken carriage wheels. On display at the Davistown Museum Liberty Tool Annex.	DTM	LTC

Planes made in Maine

92001T1 Double sash plane 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 recently 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 and the essay on Walker in the Registry introduction (click on the bio link). http://www.davistownmuseum.org/publications/volume10.html	DTM	
61601T3 Moulding plane Beech with steel blade, 9 3/8" long, 1" wide blade, signed "B. MORRILL" "BANGOR". Pollack indicates Morrill is known to have been making planes in Bangor, ME, as early as 1832. A classic relic of the boomtown era of coastal Maine, with a rare maker's mark and an unusual profile. This 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	BDM	UNK
101801T1 Moulding plane Beech, 9 3/4" long, signed "AFW". http://www.davistownmuseum.org/publications/volume10.html	DTM	
92001T2 Panel raising plane beech and cast steel, 13 1/2" long, 2" wide blade, signed "AFW". Abiel F. Walker. http://www.davistownmuseum.org/publications/volume10.html	DTM	

Davistown Museum Inventory of Tools - Maritime III

Planes made in Maine

TBW1003 Plane

Status Location

DTM

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

Another 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

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. A shipwright's tool. Pollak lists T. Waterman as being born ca. 1775 and still alive in 1850. Waterman was one of the many plane makers 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

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, ca. 1835 - 1840.

Made by Abiel Walker, Alna, ME, following English prototypes.

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

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

50402T4 Rounding plane

DTM

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

Pollack (4th edition) 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

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. 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

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

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

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 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>

Planes not made in Maine

Davistown Museum Inventory of Tools - Maritime III

Planes not made in Maine

	Status	Location
TCD1006 Beading plane		DTM
Wood, 8 1/2" long, marked "OLR". Unsigned but with the owner's initials OLR burned into the top of the plane.		
81602T4 Beading plane		DTM
Beech with cast steel blade, 9 1/2" long, 1 1/4" wide, 1/2" bead, signed "I Eastman". Pollack reports two other I Eastman boxed side beading planes. Who was I Eastman and when did he make planes?		
42602T3 Beading plane		DTM
Wood with steel blade and boxwood spline, 9 3/8" long, 3/8" wide bead, signed "Cox & Luckman" on plane, blade has an obscured mark "____TH". A typical imported English made plane of the 19th century.		
91303T4 Beading plane		DTM
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 beading suggests an early to mid-19th century date.		
TCD1003 Bench (fore) plane		DTM
Wood (birch), 21 1/2" long, faintly signed "Levi Tinkham", ca. 1840. Tinkham lived from 1766 - 1857 and worked in Middleboro, MA. It has a replaced wedge, This plane is typical of the many thousands of generic bench planes that have survived through the 20th century. 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
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 carpenter's plane of the 19th century.		
TJE1301 Block plane		DTM
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. 18th century style owner's signature. The blade signature is a 19th century style, in script.		
62202T5 Block plane		DTM
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		
TCD1005 Carriage maker's bead plane		DTM
Wood (beech?), 5 3/4" long, 5/8" bead, unsigned. No maker's sign but the wedge appears professionally made.		
51703T1 Carriage maker's plane		DTM
Wood with steel blade, 4 1/4" long, 1" wide, unsigned. A nice example of an early 19th century carriage maker's plane used for close-in work. The sharp beveling on the plane suggests a ca. 1820 date. http://www.davistownmuseum.org/pics/51703T1.jpg		
72206T1 Carriage makers' plane		DTM
Beach, ivory, with a steel blade, 7 3/8" long, 3/4" wide, unsigned. 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.		
81101T3 Carriage maker's skew panel plane		DTM
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?. Another important early 19th century American tool with an English blade.		

Davistown Museum Inventory of Tools - Maritime III

Planes not made in Maine

	Status	Location
81801T10 Coffin plane	DTM	
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". This fine rosewood plane has a maple wedge and steel blade.		
81801T9 Complex spar plane	DTM	
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", ca. 1820. This unusual curved spar plane also has a longitudinal convex curve. T.R. Johnson was the 19th century's most prolific American spar plane maker. This may be one of Johnson's earlier planes showing the continuing use of English steel blades. http://www.davistownmuseum.org/pics/81801t9.jpg http://www.davistownmuseum.org/pics/81801t9-2.jpg		
81602T8 Convex rabbet plane	DTM	
Beech with a cast steel blade, 11 7/16" long, 1 3/8" wide, signed by owner "W. A. Jordan". 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 shipbuilder's workshop planes, is marked only by the owner. A remnant of the legacy of New England's maritime heritage.		
TCD3000 Fore plane	DTM	
Wood with a cast steel blade, 20 1/2" long including the overhanging handle, unsigned. This highly decorated plane is distinctly European in appearance and contrasts sharply with the simpler designs of the American made planes of the period.		
111001T9 Gutter plane	DTM	
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". Goodman's "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. http://www.davistownmuseum.org/pics/111001t9.jpg		
63001T8 Hand plane	DTM	
Wood, steel and brass, 7 3/4" long, unsigned. An excellent example of the ubiquitous unsigned owner-made planes of New England workshops of the 18th, 19th and 20th century. A reminder that most planes were made by their owners.		
63001T9 Hand plane	DTM	
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.		
7800-T8 Jack plane	DTM	MHC-J
Beech wood with cast steel blade, 14 5/8" long, 2 1/2" wide, marked on blade "W. Greaves & Son Cast Steel". Typical homemade plane with an imported English blade, a type that would have been used by the residents of Davistown Plantation ca. 1810 - 1830.		
TCD1002 Low angle block plane	BDTM	
Rosewood, 10" long, inscribed "L.O. Tappan" (probably the owner's signature), ca. 1830-50?. With a Newburyport, Ma. shipyard provenance, probably used for interior cabin finish work.		
72002T1 Moulding 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. 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 (4th Edition) 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." A crisp clear example of one of his last planes.		
72801T17 Moulding plane	DTM	
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. A one of a kind plane; unlisted in plane guide descriptions.		

Davistown Museum Inventory of Tools - Maritime III

Planes not made in Maine

	Status	Location
33002T1L Moulding plane	DTM	
Wood with steel blade, 10 1/2" long, 11/16" wide concave cutter, unsigned, ca. 1810. A typical generic homemade moulding plane.		
040904T3 Plane blade wedge	DTM	
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. A curious accidental durable remnant of the ancient maritime culture of the past. http://www.davistownmuseum.org/pics/040904t3_p2.jpg		
30202T4 Rabbet plane	DTM	
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 during this era. http://www.davistownmuseum.org/pics/30202t4.jpg		
91303T1 Rabbet plane	LPC	
Cast steel with rosewood infill and wedges, 9 1/8" long, 5/8" wide, signed "Wards Cast Steel" on blades, plane unsigned, ca. 1800 - 1820. The wedges have an owner's signature "G. R. Oliver". 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		
32802T8 Rabbet plane	BDTM	
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, ca. 1820?. A special purpose boat builder's plane. http://www.davistownmuseum.org/pics/32802t8.jpg		
62202T1 Rabbet plane	DTM	
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 joiner's tool kit. http://www.davistownmuseum.org/pics/62202t1.jpg		
32708T53 Rabet plane	DTM	
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		
31602T7 Rounding plane	DTM	
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.		
81602T7 Rounding plane	DTM	
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.		
100400-3 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". An interesting early cast iron plane, maker's location unknown, with a typical English imported blade. 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. Another example of a special purpose alloy-steel tool.		

Davistown Museum Inventory of Tools - Maritime III

Planes not made in Maine

TCD1001 Spar plane

Status Location
DTM

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

TCD1008 Spar plane

BDTM

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", ca. 1840.

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

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

TCD1004 Spar plane

DTM

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

Smith made blade. Not listed in Pollak or Goodman. This tool is typical of a mid 19th century New England shipyard.

Quarrying Tools

TCU1002 Brick chisel

DTM

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

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

81200T11 Cold chisel

DTM MHC

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

Maker is not listed in DATM. A typical small quarry chisel.

TCU1006 Facing tool

DTM

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

4 inserted blades 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

DTM

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. Used for really heavy cutting and splitting, probably in the coastal granite quarries.

81602T11 Granite facing tool

DTM

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

DTM

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

TCU3000 Stone chisel

DTM

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

TCU1007 Stone drill

DTM

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

DTM

Forged iron, 7" long, unsigned, ca. 1820?.

TCU1001 Stone hammer

DTM

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

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).

101900T2 Stove chisel

DTM

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

A nicely beveled quarryman's finishing chisel.

Davistown Museum Inventory of Tools - Maritime III

Quarrying Tools

Status Location

TCU1005 **Toothed stone chisel**

DTM

Forged steel, 5" long, 1 1/8" wide, signed "T. GRANGER", ca. 1840.
Seven teeth. Maker not listed in DATM.

TCU1003 **Toothed stone chisel**

DTM

Forged iron or steel, 6" long, 1 1/4" wide, signed "J. GERM" with a second illegible signature.
Six teeth. Five of six distinctly beveled sides are signed; at least three signatures are J. Germ. Maker not listed in DATM. Would Germ be an owner-maker?

TCU1008 **Wedge**

DTM

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

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

Saws

61601T2 **Back saw**

DTM

Cast steel and wood, 18 5/8" long with a 13 3/4" blade, signed "Sheffield Wheatman & Smith Russell Works Cast Steel Solid Brass".
A classic example of an imported English cast steel tool with a rare maker's mark.

J/TCW2202 **Back saw**

DTM

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

TCW1301 **Back saw**

DTM

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 (Isteneck65@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>

111001T8 **Back saw**

DTM

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. A typical Sheffield imported tool of the early 19th century.

914108T16 **Back saw**

DTM

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.

7309T4 **Chisel-edged pruning saw**

DTM

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 master's grafting and pruning tool.

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

TCW1001 **Fret saw**

DTM

Forged iron and steel, 4 1/4" long, unsigned.
Homemade.

111001T11 **Hacksaw**

DTM

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, no location or date. This saw appears to be early 19th century though it has an 18th century hacksaw form.

Davistown Museum Inventory of Tools - Maritime III

Saws
Status Location
DTM

TCW1003 Hand saw

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. DATM lists T Tillotson without a location or date; did he emigrate to America? An example of imported English cast steel reworked by an American toolmaker.

7309T5 Hand saw

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

A typical example of a finely made imported English crucible steel tool commonly used in the early Republic (1784 - 1840).

<http://www.davistownmuseum.org/pics/7309t5web-1.jpg>

12900T5 Hand saw

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

A typical early 19th century tool with solid brasses, probably imported from England.

71401T2 Hand saw (rip saw)

Steel, wood and brass, marked with the telltale eagle medallion of an early factory-made Henry Disston saw.

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

4105T1 Handsaw

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

A typical example of a fine imported English finish saw.

TCW1002 Pad saw

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.

81602T12 Rip saw

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.

71401T13 Saw

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? Another tool from the early days of the florescence of American toolmakers.

31808PC2 Saw

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.

Shipwrights' and Mariners' Tools

41302T13 Awl

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

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

TCV1007 Awl

Steel (?), 5 3/4" long, signed "GEO. LAUTE BOSTON.".

Not listed in DATM. Use?

TCV1301 Awl

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.

032203T4 Broad ax

DTM

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

41302T10 Caulking iron

DTM

Cast steel, 6 1/4" long, 2 1/4" wide, signed "H Reed".

H. Reed is listed in DATM (Nelson 1999) with no location or date. The following information is from Andrew Pollock: "See page 6 of the C. DREW reprint catalogue No. 34, for a listing of H. REED caulking irons. These were actually made by C. DREW & CO. for clients who wanted to pay less than what C. DREW irons would cost, and who were willing to accept somewhat lower quality."

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

102100T19 Compass

DTM

Forged steel, 5" long, unsigned.

Generic ship's navigator's compass used throughout the 18th and 19th centuries on charts.

TCX1001 Early ship's caulking tools (set)

BDTM MHC-K

Cast steel and wood, signed "E. A. DEXTER".

The set includes 13 caulking irons, a caulking mallet inventoried separately (second mallet has recently been stolen,) a carrying case and folding stool. It was last used to repair the U.S.S. Constitution. The maker is not listed in DATM. The demise of the cod fishery due to the withdrawal of government subsidies, the spread of railroads after the Civil War and the depletion of forest resources all played a role in the decline of shipbuilding in the ports south and east of Liberty and Montville (Thomaston, Warren, Boothbay, Waldoboro and Wiscasset.) In the boomtown years of Liberty and Montville, a number of ship's caulkers lived in this area and would have used tools similar to these as itinerant caulkers visiting area shipyards as needed.

http://www.davistownmuseum.org/pics/tcx1001_p3.jpg

<http://www.davistownmuseum.org/pics/tcx1001combo.jpg>

TCV1001 Fid

DTM

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 sail makers.

102100T24 Fishguts (2)

DTM

Wood and slate, 7 1/2" long, 7 1/4" long, signed "J. A. P. 1864".

Only the longer one is signed.

TCV3000 Harpoon?

DTM

Bronze, 4 3/4" long, unsigned.

012705T3 Hawsing iron

DTM

Forged iron and steel, 24" long handle, 5 5/8" long and 3 1/2" wide blade, unsigned.

012705T1 Hawsing iron

DTM

Forged iron and weld steel, 25 1/4" long handle, 7 5/8" long and 3 1/8" wide blade, unsigned.

012705T2 Hawsing iron

DTM

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

040103T7 Mariner's rule

LPC

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. A most intriguing rule - 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

Davistown Museum Inventory of Tools - Maritime III

Shipwrights' and Mariners' Tools

	Status	Location
TCV1002 Marlin spike Forged or cast steel, unsigned.		DTM
72801T2 Mast ax 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. http://www.davistownmuseum.org/pics/72801t2.jpg http://www.davistownmuseum.org/publications/volume10.html		DTM
30202T10 Parallels Rosewood and brass, 6" long, unsigned. A typical example of a mariner's parallel except for the diminutive size. http://www.davistownmuseum.org/pics/30202t10.jpg		DTM
012705T4 Reefing iron Forged iron and steel, 35 1/2" long handle, 7 1/4" long and 2 1/2" wide triangular blade, unsigned.		DTM
7800T-1 Sailor's awl and case Wood, rope and cast or forged steel, unsigned.	DTM	MHC-F
101701T19 Sailor's awl case Wood and rope, 5" long, unsigned. Who made this wooden case with it's finely woven cover? Another excellent whatsit.		DTM
TCV3500 Sailor's whimsey Rope, 3" diameter, unsigned.		DTM
61404T15 Seam rubber 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		DTM
TCV1003 Serving tool 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?		DTM
TCV1004 Serving tool Wood, 5 3/8" long, 1 3/4" wide server, unsigned.		DTM
TEV1006 Serving tool Wood, 8 5/8" long, 1 3/4" wide, unsigned.		DTM
41302T9 Ship carpenter's bevel Wood, iron, brass and copper, 10 3/8" long with 3 bevels, unsigned. Hand made with mahogany from the West Indies. The traditional bevel of a ship's carpenter commonly used prior to the era of factory made bevels (after 1850).		DTM
TCX1001A Ship caulker's mallet Cast steel and wood, unsigned. This caulking mallet is part of the ship's caulkers tool set in case K; last used to repair the U.S.S. Constitution. http://www.davistownmuseum.org/pics/tcx1001_p4.jpg http://www.davistownmuseum.org/pics/tcx1001combo.jpg	BDTM	MHC-K
TCV1005 Shuttles Wood, 1' long, unsigned. Used in net or sail making.		DTM

Silversmithing Tools

Davistown Museum Inventory of Tools - Maritime III

Silversmithing Tools

Status Location

TJG3000 **Jeweler's hammer**

DTM

Cast steel and wood, 9 1/4" long including the handle, 2 3/16" long head with a 5/8" diameter face, obscure signature.

TST3000 **Jeweler's wire snips**

DTM

Cast steel and iron, 5 3/8" long, signed "P S STUBS".

Another of Stubs finely made imported tools.

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

41801T11 **Tongs**

DTM

Forged iron, 16 1/4" long, jaws are 1 5/8" long, 7/32" wide, unsigned.

The smallest, most delicate pair of whitesmith's or jeweler's tongs in the Museum collection.

Tools Made from Recycled Farriers' Rasps or Files

913108T7 **Blacksmith tongs**

DTM

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

913108T37 **Blacksmith tools (5)**

DTM

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).

TG1006 **Brick chisel**

DTM

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

No handle.

TG1003 **Center punch**

DTM

Forged steel, 3 1/2" wide, unsigned.

TCC1008 **Chisel**

DTM

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

Made from one of Stub's recycled files.

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

913108T15 **Crooked knife**

DTM

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.

913108T23 **Drawknife**

DTM

Recycled steel file, wood handle, 12" long, 7 3/4" long blade, unsigned.

TG1004 **Drawshave**

DTM

Cast steel?, 13 5/8" long, 9 1/2" blades, unsigned.

No handles.

913108T37A **Food chopper**

DTM

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

TG1009 **Knife**

DTM

Forged steel and wood, 9 1/2" long, 3 3/8" handle, unsigned.

9 1/2" long.

TG1010 **Punch**

DTM

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

TG1007 **Tack pry**

DTM

Forged iron, 11 3/8" long, unsigned.

Made from a file.

TCR1009 Turn screw DTM

Reforged iron or steel and wood, 12 1/2" long, 8 3/8" long blade, unsigned, ca. 1800. This tool has been refashioned out of an old file.

TG1008 Unidentified tool DTM

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

TG1015 Wedge DTM

Forged iron, 2 3/8" wide, unsigned.

TG1011 Wedge DTM

Forged iron, 4 5/8" long, 2 5/16" wide, unsigned.

TG1005 Wedge DTM

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

TG1002 Wrench DTM

Forged iron, 8" long, 3/4" and 5/8" wide open ends, unsigned.

TG1001 Wrench DTM

Forged iron, 13 1/2" long, 9/16" and 1 3/14" open ends, unsigned.

Unidentified Tools

32802T7 Burnisher DTM

Steel and wood, 12 1/2" long, 2 3/8" long burnisher, unsigned, ca. 1820?. Probably used by a tanner for creasing and burnishing. Extremely uncommon. This is a tentative identification.
<http://www.davistownmuseum.org/pics/32802t7.jpg>

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

040103T10 Clamp DTM

Forged iron, 12 1/2" closed, unsigned. What was this clamp used for?

81801T13A Cooper's _____? DTM

Wood, steel with brass ferrule, 6" long, 4" angle extension, unsigned. This tool is characterized by the same grooved crease found in all cooper's 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.

040103T11 Unidentified tool DTM

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?

70701T3 Unknown tool DTM

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

92901T3 Unknown tool DTM

Wood, 15" long with a 10" breast plate similar to that of a breast drill, unsigned. Use unknown.

22601T6 Unknown tool (burnisher?) DTM

Wood and stone, 5" long with a 3" sandstone burnisher, unsigned.

Watchmakers and Jewelers' Tools

32502T46	Anvil	BDTM
Cast steel, 3" long including tang for pritchel, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		
32502T1	Box	BDTM
Walnut with brass hardware, 13 3/4" x 12 3/4" x 4 1/8" high with two hinged lids, marked "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 tool maker of Braintree, MA, ca. 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	BDTM
Cast steel, unsigned. No handle. http://www.davistownmuseum.org/bioEpstein.htm		
32502T10	Chasing tools (3)	BDTM
Cast steel, 2 1/2" to 3 1/2" long, touchmarks unknown. http://www.davistownmuseum.org/bioEpstein.htm		
32502T34	Closed socket wrench	BDTM
Cast steel, 2 7/8" long, 1/7" thick, 1/4" square socket, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		
TCP1003	Draw plate	DTM
Cast steel, 6 1/8" long, 3" wide, Numbered but not signed.		
3405T4	Drawplate	DTM
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 jeweler's drawplate.		
32502T9	Etching and scribing tools (5)	BDTM
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
Cast steel, 3" long with 1" float surface, unsigned. The long end is a fine filing surface. http://www.davistownmuseum.org/bioEpstein.htm		
32502T24	Hand spindles (3)	BDTM
Cast steel, brass and wood, 5 1/16", 4 3/4" and 3 3/8" long, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		
32502T25	Jeweler's anvils (2)	BDTM
Bronze, 3 11/32" long, 3/4" wide and 3 3/8" long, 5/8" wide, unsigned, age unknown. One is more highly finished than the other. http://www.davistownmuseum.org/bioEpstein.htm		
32502T4	Jeweler's files	BDTM
Cast steel, etc., various lengths, signatures: "R M Cock" "Grobet" (2) Friely "Graves & Sons" "W Greaves" "Lord & Co." "Triumph Smart & Child Co." "J. M. Martin" (2) "P. Ashton" (2) "Martin CS" "RS Sanders" (2) "Spanale" "RAINE". http://www.davistownmuseum.org/bioEpstein.htm		

Davistown Museum Inventory of Tools - Maritime III

Watchmakers and Jewelers' Tools

	Status	Location
32502T2 Jeweler's files (30) Cast steel, iron, etc., 3" to 6" long, unmarked or with obscure marks. http://www.davistownmuseum.org/bioEpstein.htm		BDTM
32502T3 Jeweler's files (7) Cast steel, etc., 3 1/4" to 6 3/4" long, signed "Stubs". http://www.davistownmuseum.org/bioEpstein.htm		BDTM
32502T18 Ladle Cast iron, bronze and wood, 6" long, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		BDTM
32502T47 Ring Wood, 11 7/8" long, 3/4" maximum diameter at head of taper, unsigned. Used for measuring _____ http://www.davistownmuseum.org/bioEpstein.htm		BDTM
32502T23 Scale level 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		BDTM
32502T22 Scale level Brass, 3 1/4" long, 1 1/16" wide, marked "1 - 18" and initialed "PR" (by the owner). http://www.davistownmuseum.org/bioEpstein.htm		BDTM
32502T21 Scale level Brass, 5 3/4" long, tapered, marked "1 - 32". http://www.davistownmuseum.org/bioEpstein.htm		BDTM
111001T6 Screw plate Cast steel, 9" long, signed "P.S. Stubs" and marked "19". Used by jewelers and watchmakers for threading fine brass and steel wire to make screws. http://www.davistownmuseum.org/bioStubs.htm		DTM
32502T42 Screwdriver Brass, 3 15/16" long, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		BDTM
32502T20 Width and depth gauges (set of 8) Brass, the marks don't match the apparent sizes, marked "1/4", "1/8" and "1". http://www.davistownmuseum.org/bioEpstein.htm		BDTM
32502T41 Wrenches (2) Cast steel, unsigned. http://www.davistownmuseum.org/bioEpstein.htm		BDTM

Woodworking Tools

TAB3000 Carving mallet Maple, 10" high, 5 1/2" diameter, unsigned.		DTM
TCR3000 Saw set Forged iron, 5 1/8" long, 1 5/16" wide, signed "BORUEAU PARIS".		DTM
TCR1005 Scraper Cast steel and wood, 9" long, 2 3/4" wide blade, signed "H. M. INMAN". This maker is not listed in DATM; 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 carpenter's tool chest.		DTM

Wrenches

Davistown Museum Inventory of Tools - Maritime III

Wrenches
Status Location
DTM

101900T6 Adjustable wrench

Cast or forged steel, 9 1/2" long, unsigned.

A one of a kind early 19th century wrench pre-dating most or all patented wrenches (1835f).

<http://www.davistownmuseum.org/pics/101900t5.jpg>

TCZ1005 Bed wrench

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?

TBF6003 Bed wrench

Cast iron, 5" long with 4" handle, unsigned.

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>

TCZ3000 Monkey wrench

Forged iron, 11 7/8" long, signed "L. COES PATEN__" (date obscured) and on the second side "____ BOSTON & WORCESTER", probably ca. 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>

62406T6 Monkey wrench

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

32802T4 Pipe wrench

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>