

A Partially Annotated Bibliography of Works on Medieval & Renaissance Woodworking Tools

Gary R. Halstead – September, 2005

Introduction

Information on medieval and Renaissance woodworking tools is scattered between often obscure specialist works and small mentions in works on larger subjects. This document is an attempt to capture references to as many of these works as possible.

Annotated Works on Medieval and Renaissance Tools

AMMAN 1973

Amman, Jost and Hans Sachs. *The Book of Trades (Ständebuch)*. New York: Dover.

Dover's reprint of a 1568 work depicting the stations of life in 16th century Germany. The pictures and accompanying poems depict a number of woodworking tradesmen at work along with their tools.

ARWIDSSON 1999

Arwidsson, Greta, and Gösta Berg. *The Mästermyr Find: A Viking-Age Tool Chest from Gotland*.

Lompoc, CA: Larson Publishing.

A detailed examination of an 11th century Swedish tool chest and its contents. The tools consist of a variety of wood and metal working tools, including several chisels and a small saw.

BERNT 1977

Bernt, Walther. *Altes Werkzeug*. Munich: Callwey.

Depicts 16th through 19th century tools from a variety of trades with a focus on Nuremberg tools from the 16th and 17th centuries. Contains pictures of several 16th century planes and other tools from the collection of Elector Augustus of Saxony.

BINDING 2001

Binding, Günter. *Der mittelalterliche Baubetrieb in zeitgenössischen Abbildungen*. Stuttgart: Theiss Verlag.

See Binding 2004.

BINDING 2004

Binding, Günter. *Medieval Building Techniques*. ??: ??

In German. A collection of line drawings of medieval builders at work, based on period illustrations (although about 10% of the illustrations are the actual sources, instead of reproductions). While these are secondary sources, each drawing includes the original source as well as references to published works. The book is organized by location, rather than by date or subject, which can make it difficult to find works by date or subject, although there is an index by tool type.

BLAIR 1991

Blair, John and Nigel Ramsey, eds. *English Medieval Industries: Craftsmen, Products, Techniques*. London: Hambledon Press.

BOBER 1981

Bober, Harry. *Jan Van Vliet's Book of Crafts and Trades: With a Reappraisal of his Etchings*. Albany, NY: Early American Industries Association.

A reprint of mid-17th Century plates on various trades. Includes 18 loose plates in a portfolio. Some interesting details in a couple of the plates, but not terribly helpful.

BOUZIN 2003

Bouzin, Claude. *Meuble et Artisanat*. Paris: Editions de l'Amateur.

CHRISTENSEN 1982

Christensen, Arne Emil. "Viking Age Boatbuilding Tools." in MCGRAIL, 1982

A look at Viking age tools from archaeological finds with references to traditional Norwegian boatbuilding practices.

DARRAH 1982

Darrah, Richard "Working unseasoned wood." in MCGRAIL, 1982

A description of some attempts at converting and working unseasoned oak with medieval style tools.

DAUMAS 1970

Daumas, Maurice ed. *The Origins of Technological Civilization*, Vol. I of *A History of Technology & Invention*. Translated by Eileen Hennessy. New York: Crown.

A general history of technology.

DAVID 1997

David, Johan. *L'outil*. Turnhout, Belgium: Brepols.

A scholarly bibliography of sources on medieval tools in all occupations. The book also includes a typology of tool types and suggestions for further research.

DAVID 1977

David, Johan. "Notes sur trois outils ancien du charpentier: le bondax, la bisaigüe, le pichon" *Revue des archéologues et historiens de Louvain*, 10, pp. 162-178.

A discussion of the differences between three variations on the continental mortising axe and the nomenclature for each type. Includes references to late medieval and Renaissance usage.

DAVID 1979

David, Johan. "Het middeleeuws gereedschap. Enkele problemen" *Handelingen van het Genootschap voor Geschiednis gesticht onder de benaming Société d'Émulation te Brugge*, 116, pp. 5-26.

DISSTON 1922

Henry Disston & Sons, Inc. *The Saw in History*. 6th ed. Philadelphia: H. Disston & sons, Inc.
A somewhat dubious history of the saw, culminating in Disston's product line.

DIXON 1994

Dixon, Philip H. *The Reading Lathe: A link with the Anglo-Saxon Migration*. Newport, Isle of Wight: Cross Publishing.

An examination of an English bowl-turner's lathe still in use in the 20th Century. Includes a chapter on the history of lathes and one on Anglo-Saxon turned bowls. There is also a section on the types of woods used for bowls (largely maple, but also alder, ash, and elm)

DUBY 1968

Duby, Georges. *Rural Economy and Country Life in the Medieval West*. Columbia, SC: University of South Carolina Press.

Contains a Carolingian estate inventory that lists a number of woodworking tools.

DUNNING 1940

Dunning, Gerald. "A Thirteenth Century Midden at Windcliff, Near Nitton." *Proceedings of the Isle of Wight Natural History and Archaeological Society* 3, no. 2.

Some interesting notes on the remains of a 13th century saw found during the dig. This information is also included as an Addendum in MERCER 2000.

FELLER 1980

Feller, Paul and Fernand Touret. *Werkzeug aus Alter Zeit*. Stuttgart: Belser Verlag.

A rather cursory overview of tools from a variety of trades, primarily from the Eighteenth century and later. Some useful dating information in the back.

FERRARO 2003

Ferraro, Piera and Alessandro Gamba. *L'arte del legno a Padova. Norme, tecniche e opere dal Medioevo all'età moderna*. Padova.

FINSTERBUSCH 1987

Finsterbusch, Edgar and Werner Thiele. *Vom Steinbeil zum Sägegatter: Ein Streifzug durch die Geschichte der Holzarbeitung*. Leipzig: VEB Fachbuchverlag.

A history of axes, saws, and sawmills from prehistoric times to the present. Much information on medieval and renaissance sawmills and several good pictures of medieval saws from both artistic sources and archaeological finds. In addition, a number of the pictures also include other tools in use or in the background.

GADE 1898

Gade, Heinrich. *Ursprung und bedeutung der üblicheren handwerkzeugnamen im französischen*. Kiel: Druck von Vollbehr & Riepen.

GAITZSCH 1980

Gaitzsch, W. and H. Matthäus. "Schreinerwerkzeuge aus dem Kastell Altstadt." *Archäologisches Korrespondenzblatt* 10.

A journal article covering finds of Roman joiners' tools (primarily adzes and planes) from the Roman settlement at Kastell. Well illustrated, including a number of comparable finds from other Roman sites in Germany.

GOODALL 1981

Goodall, Ian H. "The Medieval Blacksmith and his Products." in D.W. Crossley, ed. *Medieval Industry*. London: Council for British Archaeology.

A brief look at the products of the medieval English blacksmith. Includes a page of drawings of woodworking tools found at various excavations in England.

GOODALL 1990

Goodall, Ian H. "Woodworking Tools." in Martin Biddle, ed. *Object and Economy in Medieval Winchester*. Oxford: Clarendon Press.

A description of the (few) woodworking tools found in the course of extensive excavations at Winchester.

GOODMAN 1964

Goodman, W.L. *The History of Woodworking Tools*. London: G. Bell and Sons.

One of the standard references for tool history. While some of the medieval material is out of date, it is still a good history of the subject.

GREBER 1987

Greber, Josef M. *Die Geschichte des Hübels*. Hannover: Verlag Thos. Schäfer.

See Greber 1991.

GREBER 1991

Greber, Josef M. *The History of the Woodworking Plane*. Translated by Seth W. Burchard. Early American Industries Association.

The English translation of Greber 1991. Probably the best coverage available of medieval and Renaissance planes. Note that the English translation contains only the text; the illustrations are in the German volume.

GRIEG 1933

Grieg, Sigurd. *Middelalderske Byfund fra Bergen og Oslo*. Oslo: A.W. Brøggers Boktrykkeri.

Descriptions of finds from excavations in Bergen and Oslo, including some woodworking tools.

HALBOUT 1987

Halbout, Patrick, et al. *Corpus des objets domestiques et des armes en fer de Normandie du Ier au XV^e siècle*. Caen: Centre archeologique de Normandie.

A catalog of iron objects from excavations in Normandy. There are a number of carpenters' tools illustrated, including some spoon bits. Dates range from the sixth to the 15th century.

HALL 1982

Hall, R. A. "10th Century woodworking in Coppergate, York" in MCGRAIL 1982

HALSTEAD 2003

Halstead, Gary. "European Woodworking Tools 600 – 1600 CE". *Compleat Anachronist* 121, 2003.
A pamphlet summarizing other work in the field.

HEAVRIN 1998

Heavrin, Charles A. *The Axe and Man*. Mendham, NJ: The Astragal Press.
A history of the axe from the Stone Age to the present. Despite the sketchy text, the book is redeemed by its numerous full-page pictures of actual artifacts.

HEINE 1990

Heine, Günther. *Das Werkzeug des Schreiners und Drechslers*. Hannover: Thos. Schaefer Verlag.
An illustrated history of joiners' and turners' tools, with a strong emphasis on Germany and other German-speaking lands. Many good medieval and Renaissance illustrations.

HEWETT 1982

Hewett, Cecil A. "Tool-marks on Surviving Works from the Saxon, Norman and Later Medieval Period" in MCGRAIL 1982.
A discussion on what can be learned about medieval tools from examining the marks they left on surviving buildings.

HEWETT 1997

Hewett, Cecil A. *English Historic Carpentry*. Fresno, CA: Linden Publishing.
A survey of English carpentry techniques from the ninth to the 16th centuries, with an emphasis on what can be learned from surviving buildings.

HIBBEN 1933

Hibben, Thomas. *The Carpenter's Tool Chest*. Philadelphia: J.B. Lippincott.
Despite being a book for children, this appears as a source in a number of other works. Well illustrated, but not a scholarly work.

JONES 1960

Jones, Peter d'Alroy, and E.N. Simons. *The Story of the Saw*. Sheffield: Spear & Jackson.
A surprisingly good history of saws produced for the centennial of famous Sheffield saw maker Spear & Jackson. Includes some illustrations that are not reproduced very often.

KLATT 1998

Klatt, Erich. *Die Konstruktion alter Möbel*. Stuttgart: Deutsche-Verlags Anstalt.
Measured drawings, construction techniques, and some information on tool usage in English, French, and German.

KOLCHIN 1989

Kolchin, B.A. *Wooden Artefacts from Medieval Novgorod*, BAR International Series, vol. 495. Oxford: B.A.R.

Excavation reports from Novgorod. Scattered through the book are information on the kinds of woods in use, a diagram of joints used in medieval Russian woodworking, illustrations of woodworking tools, and some furniture remains.

LANG 1988

Lang, James T. *Viking-Age Decorated Wood, A Study of Its Ornament and Style: Medieval Dublin Excavations 1962-81*. Dublin: Royal Irish Academy.

Briefly describes the Dublin Plane.

MACKENSTEIN 2001

Mackenstein, Hans Richard, and Theodore Crom. "Sixteenth Century Nürnberg Tools." *Chronicle of the Early American Industries Association* 54, no. 2 (June 2001), 81-85.

Describes the tool making trade and toolmakers in 16th century Nuremberg.

MCCANN 1982

McCann, John. "A gauge used for the alignment of medieval roofs." in MCGRAIL, 1982

MCCULLOUGH 1989

McCullough, Karen Margrethe. *The Ruin Islanders: Thule culture pioneers in the Eastern High Arctic*. Hull, Que: Canadian Museum of Civilization.

Includes coverage of the Skraeling Island plane, a c. 13th century Norse plane found in the Canadian Arctic.

MERCER 2000

Mercer, Henry Chapman. *Ancient Carpenters' Tools Illustrated and Explained, Together with the Implements of the Lumberman, Joiner, and Cabinetmaker in Use in the Eighteenth Century*. 5th ed. New York: Dover.

Originally written in 1920 and still a classic in the field. While the book concentrates on 18th and 19th century American tools, there are several illustrations from period sources scattered throughout the book.

MCGRAIL 1982

McGrail, Sean ed. *Woodworking Techniques Before A.D. 1500: Papers Presented to a Symposium at Greenwich in September, 1980, Together With Edited Discussion*. Oxford: B.A.R./National Maritime Museum, Greenwich.

A collection of papers on various aspects of pre-modern woodworking. Those that deal specifically with tools are cited separately in this bibliography.

MORRIS 1982

Morris, Carole A. "Aspects of Anglo-Saxon and Anglo-Scandinavian lathe-turning." in MCGRAIL 1982

MORRIS 2000

Morris, Carole A. *Craft, Industry and Everyday Life: Wood and Woodworking in Anglo-Scandinavian and Medieval York*. The Archaeology of York, vol. 17/13. York: Council for British Archaeology.

An important new work in the "Archaeology of York" series, Carole Morris' new book surveys the wide variety of wooden artifacts recovered in 20+ years of digs in York. There is also a small section covering the woodworking tools found, but sadly these are limited to spoon bits and a few chisels and turning tools.

MOXON 1989

Moxon, Joseph. *Mechanick Exercises, or the Doctrine of Handy-Works*. Morristown, NJ: The Astragal Press.

A facsimile reprint of the first English "Do it Yourself" book, covering smithing, joinery, carpentry, turning, and bricklaying. The most valuable parts of the book for the student of old tools are the engravings, which depict tools of the period and are largely drawn from older Continental works, and the descriptions of the tools.

MULLER 1993

Muller, Norman E. "Some Medieval Italian Carpentry Tools and Techniques" *Chronicle of the Early American Industries Association* 46, no. 4 (1993).

A brief examination of medieval Italian carpentry techniques as applied to the construction of polyptychs, as well as some comments on tools based on tool marks and the 14th century frescoes of the Campo Santo in Pisa.

NAVAL MAS 1986

Naval Mas, Antonio: "Las herramientas medievales y la carpintería mudéjar. (El friso de los carpinteros de la techumbre de Teruel)", in *Actas. III Simposio Internacional de Mudejarismo (Teruel, 1984)*. Teruel, Instituto de Estudios Turolenses, 1986, pp. 611-617.

A brief discussion of the tools portrayed in one of the friezes on the roof of the cathedral of Teruel as well as some suppositions as to the technological differences between mudejar and Christian woodworkers in medieval Spain.

NAVARRO 1996

Navarro Palazõn, Julio, et al. *Liétor: Formas de vida rurales en Sarq al-Andalus a través de una ocultaciõn de los siglos X-XI*. Murcia [Spain]: Centro de Estudios Arabes y Arqueolõgicos ibn Arabi.

Excavation report on an Andalusian village, lavishly illustrated with photos and drawings of the important finds. Illustrated tools include several adzes, augers, and a bit of a saw. There are also the remains of a bed.

NEUGEBAUER 1953

Neugebauer, Werner "Eine Drechslerwerkstatt in Alt-Lübeck aus der Zeit um 1100." *Hammaburg* 4 (1953)

NORMAN 1954

Norman, Gustav Adolf. *Hovelens historie*. Lillehammer.

A Norwegian history of planes with some interesting tidbits on Scandinavian usages. Includes a section on the Bergen plane.

OTTAWAY 2002

Ottaway, Patrick and Nicola Rogers. *Craft, Industry, and Everyday Life: Finds from Medieval York*. The Archaeology of York vol. 17/15. York: Council for British Archaeology.

The latest volume of finds from over 20 years of excavations in York. Includes some additional woodworking tools not covered in MORRIS 2000.

PETERSEN 1951

Petersen, Jan. *Vikingetidens Redskaper*. Skrifter utgit av Det Norske Videnskaps-Akademi i Oslo, 1951, no. 4. Oslo: I Kommissjon Hos Jacob Dybwad.

In Norwegian, with English summary. A description of a large number of 7th to 10th century tools from Norwegian grave finds, including a fairly large section on woodworking tools.

PROUDFOOT 1986

Proudfoot, Christopher and Philip Walker. *Woodworking Tools: Christie's Collector's Series*. London: Phaidon/Christie's

An illustrated guide for collectors, focusing on 18th and 19th century tools. One chapter contains some information on early tools as well as a page illustrating three 15th and 16th century planes.

PROVINCIAAL OVERIJSSELS MUSEUM 1980

Provinciaal Overijssels Museum. *Thuis in de late middeleeuwen: Het Nederlands burgerinterieur 1400-1535*. Zwolle (Netherlands): Uitgeverij Waanders.

An exhibition catalog focusing on Dutch middle-class urban life in the late Middle Ages. Included are photographs of two axes, a brace, a rasp, and a chisel from the period.

SALZMAN 1952

Salzman, L.F. *Building in England down to 1540: A Documentary History*. Oxford: Oxford University Press.

An examination of medieval building via the documentary evidence (contracts, writs, lawsuits, wills, etc.) left behind.

SCHADWINKEL 1986

Schadwinkel, Hans-Tewes. *Das Werkzeug des Zimmermanns*. Hannover: Thomas Schäfer Verlag.

An illustrated history of carpenter's tools with an emphasis on German-speaking countries.

SPEAKE 1989

Speake, G. *A Saxon bed burial on Swallowcliffe Down*. London: Historic Buildings & Monuments Commission for England.

STERRE 2001

Sterre, Gerrit van der. *Vier Eeuwen Nederlandse Schaven en Schavenmakers/Four Centuries of Dutch Planes and Planemaking*. Amsterdam: Primavera.

A look at Dutch planes and planemaking mostly focusing on the period after 1600. There are some interesting earlier tidbits, including an as-yet unpublished toolbox from a Dutch wreck of c. 1590.

TAGLIAFERRO 1985

Tagliaferro, Laura. *Civilta del legno: mobili dalle collezioni di Palazzo Bianco e del Museo degli Ospedali di S. Martino: Catalogo della mostra: Genova, Palazzo Bianco, 21 giugno 30 settembre 1985*. Genova: Sagep.

THEOPHILUS 1979

Theophilus. *On Divers Arts*. Translated by John G. Hawthorne and Cyril Stanley Smith. New York: Dover.

Translation of an 11th century “how to” manuscript, dealing with a wide range of arts.

THOMSON 1954

Thomson, R.H.G. “The medieval artisan” in Charles Singer, ed. *History of Technology*. Oxford: Oxford University Press.

TYGHEM 1966

Tyghem, Frieda van. *Op en om Middeleeuwse Bouwwerf*. Brussels: Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België.

A two-volume work in Dutch documenting the tools used in medieval construction. Volume 1 contains line drawings and descriptions of the tools. Volume 2 is a collection of illustrations from 9th to 16th century sources.

TYLECOTE 1981

Tylecote, R.F. “The Medieval Smith and his Methods.” in *Medieval Industry: CBA Research Report 40*. London: Council for British Archaeology.

Useful background information on the capabilities of the medieval smith. Includes a metallurgical examination of a pair of medieval woodworking tools.

UNDERHILL 1997

Underhill, Roy. “The Debate of the Carpenter’s Tools.” in *Eighteenth- Century Woodworking Tools*, ed. James M. Gaynor. Williamsburg, VA: Colonial Williamsburg Foundation.

Translation and discussion of a comic 15th century English poem, wherein the Carpenter’s tools (and his wife) discuss whether he can make enough money to support his drinking habit.

VIOLLET-LE-DUC 1872

Viollet-le-Duc, Eugene Emmanuel. *Dictionnaire Raisoné du Mobilier Français de l’Èpoque Carolingienne à la Renaissance*, 2nd ed. Paris: A. Morel, 1872-1876.

An illustrated encyclopedia of medieval French furniture, tools, clothing, arms and armor, and other items. While the text is dubious in the extreme, Viollet-le-duc’s drawings are superb and highly accurate, at least when reproducing existing objects.

WALKER 1980

Walker, Philip. *Woodworking Tools*, Shire Album 50. Princes Risborough: Shire Publications.

A brief but well-illustrated introduction to the subject.

WALKER 1981

Walker, Philip. “Medieval Tools” *Chronicle of the Early American Industries Association* 34, no. 4 (1981).

WALKER 1982a

Walker, Philip. “Medieval Tools (II)” *Chronicle of the Early American Industries Association* 35, no. 2 (1982).

A short overview of medieval woodworking tools.

WALKER 1982b

Walker, Philip. "The Tools Available to the Medieval Woodworker." in MCGRAIL 1982.
A general overview of medieval woodworking tools.

WALLACE 1982

Wallace, Patrick F. "Carpentry in Ireland AD 900-1300 -- The Wood Quay evidence." in MCGRAIL, 1982

WATTENMAKER 1981

Wattenmaker, Richard J. *European Tools from the 17th to the 19th Century: Woodworking, Metalworking, and Related Trades*. Flint, MI: The Flint Institute of Arts.

A catalog from an exhibition on tools at the Flint Institute of Arts. While most of the tools are from the 18th and 19th centuries it does include pictures of some 15th and 16th century axes.

WELSH 1966

Welsh, Peter C. *Woodworking Tools, 1600-1900*. Washington, DC: Smithsonian Institution.
A well-done piece on the subject, focusing on the 18th and 19th centuries.

WHELAN 1993

Whelan, John M. *The Wooden Plane: Its History, Form, and Function*. Mendham, NJ: The Astragal Press.
A general history of planes. Not as much on medieval planes as Greber, but still a good book. One of the standard references. Includes an extremely detailed typology of moulding plane shapes.

WILSON 1968

Wilson, D.M. "Anglo-Saxon Carpenters' Tools." in *Studien zur Europäischen Vor- und Frühgeschichte*, ed. M. Claus et al. Neumünster.

A listing, with illustrations, of all known Anglo-Saxon carpenters' tools. The most interesting piece is a sixth century plane.

Non-annotated works

ALANCON 1994

Alancon, Jean d'. *L'outil et l'homme au travail dans l'industrie*. Paris: Editions Saint-Paul.

ARNOLD 2002

Arnold, Julianne "Tools and trade practices of joiners and carpenters as found in probated wills and inventories in the Archdeanery of Suffolk." *Tools & Trades* 13 (2002)

ASQUITH 1993

Asquith, Daniel. "Tools in early medieval England: the form and function of blacksmithing, woodworking and agricultural tools". Thesis (M.Phil.), - University of Manchester, Department of Archaeology.

BAILEY 1972

Bailey, Richard N. "A Carpenter's Axe from the College Valley." *Archaeologica Aeliana* 50 (1972)

BANG 1970

Bang, Asger. *Bo Bedre's Fa mere ud af vaerktojet*. Kobenhavn, Fogtdal.

BRANDL 1970

Brandl, Helmut. *Der Stadtwald von Freiburg: eine forst- und wirtschaftsgeschichtliche Untersuchung über die Beziehungen zwischen Waldnutzung und wirtschaftlicher Entwicklung der Stadt Freiburg vom Mittelalter bis zur Gegenwart*. Veröffentlichungen aus dem Archiv der Stadt Freiburg im Breisgau, 12. Freiburg im Breisgau, Wagnersche Univ.-Buchhandlung K. Zimmer, Kommissionsverlag.

BURCHARD 1985

Burchard, Seth W., and Philip Walker "The earliest planemaking industry? Some notes for the Dutch candidature." *Tools and Trades* 3 (1985)

CATTERMOLE ??

Cattermole, Paul "A 14th-century contract for carpenter's work at Ashwellthorpe church." *Norfolk Archaeology* 40

CLARK 1984

Clark, J. "Richard Crips the wheeler: A medieval craftsman and his tools" *Tools and Trades* 2 (1984) 13-28

COLOMBO 1981

Colombo, Silvano. *L' arte del legno e del mobile in Italia: mobili, rivestimenti, decorazioni, tarsie dal medioevo al 19. secolo*. Busto Arsizio: Bramante.

D'ARCY HYDER 1999

D'arcy Hyder, Stewart. *Lavorare il legno*. Milano: Fabbri.

DAVID 1980

David, J. "De snijpasser, een middeleeuwse uitvinding?" *Technologia Bruxellensis* 3 (1980) 43-52.

DE FUSCO 1985

De Fusco, Renato. *Storia dell'arredamento*. Torino: UTET.

DEGLI ESPOSTI 1990

Degli Esposti, Franco. *Il sapere delle mani : l'artigiano e le sue storie*. Bologna: Istituto nazionale editoriale italiano.

DEJONGE 1873

Dejonge, J.K.J. *Nova Zembla. De voorwerpen door de Nederlandsche Zeevaarders na hunne overwintering aldaar in 1597 achtergelaten en in 1871 door kapitein Carlsen teruggevonden*. 's-Gravenhage.

DRESCHER 1978

Drescher, H. "Bohrer" *RGA* 3 (1978) 189-203.

ERIXSON 1933

Erixson, S. "Ett timringredskab i kulturgeografisk belysning" *Rig* (1933) 29-82

FAUSS 1940

Fauss, Karl. *VDI-wegweiser durch das schrifttum über werkzeuge*. Berlin, VDI-verlag.

FELDHAUS 1921

Feldhaus, Franz Maria. *Die Säge - Ein Rückblick auf vier Jahrtausende*. Berlin, Vieringhausen.

FORNEY 1984

Forney, Bibliothèque. *Des outils et des hommes: Collection Thebault-Ponty, 20 janvier-31 mars 1984, Bibliothèque Forney, Hôtel de Sens, Paris*. Paris : La Bibliothèque.

FREMONT 1928

Fremont, Charles. *La Scie* (Études expérimentales de technologie industrielle, 77) Paris.

GAITZSCH 1980

Gaitzsch, Wolfgang. *Eiserne römische Werkzeuge : Studien zur römischen Werkzeugkunde in Italien und den nördlichen Provinzen des Imperium Romanum*. Oxford: B.A.R.

GOMEZ-MORENO 2001

Gomez-Moreno, Manuel. *La Carpinteria en Granada*. Granada: Instituto Gomez-Moreno del la Fundacion Rodriguez-Acosta.

GOODBURN ??

Goodburn, D.M. "The antiquity of rip-sawing in England." *Newsletter of the Tool and Trades History Society* 38

GOODBURN 2001

Goodburn, Damian "The excavation of an Elizabethan/Stuart waterfront site on the north bank of the River Thames at Victoria Wharf, Narrow Street, Limehouse, London E14: The woodworking evidence" *Post-Medieval Archaeology* 35 (2001)

GREBER 1940

Greber, Josef M. "Alte deutsche holzarbeitungswerkzeuge" *Deutsche Volkskunde* 4 (1940)

GREBER 1937

Greber, Josef. *Der Werdegang unserer Holzsägen*. Fackblatt für Holzarbeiten, Berlin.

GREBER 1938

Greber, Josef. *Vom Steinschaber zum Putzhobel*. Berlin: Verlag der Deutches Arbeitsfront.

GROGER 1959

Groger, Heinz. *Werkzeuge*. 2ed. Leipzig: Fachbuchverlag.

GUILLOU 1986

Guillou, Andre and Ostuni, Giustina. *Les outils dans les Balkans du Moyen Age a nos jours*.

HAGER 1916

Hager, J. *Die Handwerkzeuge des 16. Jahrhunderts in Historisches Museum Dresden*.

HALLINDER 1986

Hallinder, P. "Streit- und Arbeitsäxte" in G. Arwidsson *Birka II: 2. Systematische Analysen der Gräberfunden*. Stockholm.

HAYES 1991

Hayes, John W. *Ancient metal axes and other tools in the Royal Ontario Museum: European and Mediterranean types*. Toronto: Royal Ontario Museum.

HEINDEL 1988

Heindel, I. "Äxte des 8. bis 14. Jahrhunderts im west-slawischen Siedlungsgebiet zwischen Elbe/Saale und Oder/Neisse" *Zeitschrift für Archäologie* 26 (1988) 33-45

HEINE ??

Heine, Günther "An historically important woodwork joint - the method of making it in Germany, and some specialised tools" *Tools and Trades* 2

HOGG 1959

Hogg, R. "Carpenter's axe, medieval, from Ambleside" *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* 58 (1959)

HOYT 1985

Hoyt, Cathryn A. "Tools from Shipwrecks: A Collection of Sixteenth and Seventeenth Century Tools at the Bermuda Maritime Museum" *Tools and Trades* 3 (1985)

HORNOIS 1946

Hornois, G. J. de. *Gereedschapsleer*. Antwerpen: Standaard- Boekhandel.

HÜBENER 1980

Hübener, W. "Eine Studie zu den Beilwaffen der Merovingerzeit" *Zeitschrift für Archäologie des Mittelalters* 8 (1980) 65-127

HUMBERT 1978

Humbert, Jacqueline and Raymond Humbert. *Instruments du travail des hommes : collection Jacqueline et Raymond Humbert : exposition, Maison de la culture de Nevers et de la Nièvre, 26 mai-29 juillet 1978, 5-24 septembre 1978*. Nevers: Maison de la culture de Nevers et de la Nièvre.

JANKUHN 1983

Jankuhn, Herbert ed. *Das Handwerk in Vor- und Frühgeschichtlicher Zeit : Bericht über die Kolloquien der Kommission für die Altertumskunde Mittel- und Nordeuropas in den Jahren 1977 bis 1980*. Göttingen.

JANSE 1998a

Janse, H. and F.C.A. van der Helm. *Van aaks tot zwei : historische handgereedschappen in de Nederlandse en Vlaamse bouwwereld*. Zeist: Rijksdienst voor de Monumentenzorg.

JANSE 1998b

Janse, Herman. *Historische bouwmaterialen: over materialen, ambachten en gereedschappen*. Amsterdam: Stichting Open Monumentendag.

JONG 1951

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