

At the John Crerar Library

Exhibits

The Science Libraries present short-term and ongoing exhibits in the atrium of the John Crerar Library. Exhibits focus on some aspect of the sciences and highlight the collections of the Crerar, Eckhart and Yerkes Libraries.

Something's Brewing

The Art, Science and Technology of Beer Brewing



January 8 - March 24, 2007

The following is a bibliography of references on beer and brewing, selected primarily from the John Crerar Library collections in science, technology and medicine, covering both historical and current resources, as well as electronic resources, to accompany the exhibit.

General works on beer and brewing:

Crerar TX769.A16 1821

Accum, Friedrich Christian. *A Treatise on the Art of Brewing Exhibiting the London Practice of Brewing Porter, Brown Stout, Ale, Table Beer, and Various Other Kinds of Malt Liquors*. 2nd ed. London: Longman Hurst Rees Orme & Brown, 1821.

http://galenet.galegroup.com/servlet/MOME?af=RN&ae=U104404371&srchtp=a&ste=14&locID=chic_rbw

Crerar Dewey 663.4 V200

Anheuser-Busch, Inc. *How to Handle and Serve Bottle and Draught Beers : Especially Prepared for Army P.X., Navy Canteen and Marine P.X.* St. Louis: Anheuser-Busch, 1942.

Crerar TP570.B18 1998

Bamforth, Charles W. *Beer : Tap into the Art and Science of Brewing*. New York: Insight Books, 1998.

Crerar TP500.B82

The Brewers' Digest (other titles: *Brewers Technical Review*, *Siebel Technical Review*). Chicago : Siebel Pub. Co.

Crerar 663.051 B46

Brewers Journal (other titles: *Western Brewer* and *The Beverage Journal*). Philadelphia : Gibson Pub. Co.

Online

Esslinger, Hans Michael , and Ludwig Narziss. "Beer". *Ullmann's Encyclopedia of Industrial Chemistry*, (Article Online Posting Date: January 15, 2003, DOI: 10.1002/14356007.a03_421)

Crerar TP570.H230 1995

Hardwick, William A. *Handbook of Brewing*. New York: M. Dekker, 1995.

Online

Lewis, Michael J. "Beer and Brewing". *Kirk-Othmer Encyclopedia of Chemical Technology*, (Article Online Posting Date: January 17, 2003, DOI: 10.1002/0471238961.0205051814091919.a01.pub2)

Crerar Reference TP568 .D53 1998

Rabin, Dan, and Carl Forget. *The Dictionary of Beer and Brewing*. 2nd ed. Chicago: Fitzroy Dearborn, 1998.

Barley, hops, and yeast:

Crerar SB295.H88B59

Bignell, Alan. *Hopping Down in Kent*. London: Hale, 1977.

Crerar SB295.H88B8

Bradley, Richard. *The Riches of a Hop-Garden Explain'd, from the Several Improvements Arising by That Beneficial Plant: As Well to the Private Cultivators of It, as to the Publick. With the Observations and Remarks of the Most Celebrated Hop-Planters in Britain. Wherein Such Rules Are Laid Down for the Management of the Hop, as May Improve the Most Barren Ground ... In Which Is Particularly Set Forth, the Whole Culture from the First Breaking up of the Ground, the Planting, &C. To the Kilning, or Drying of the Hop*. 2d ed. London, 1730.

Crerar Dewey 633.241 O200

Fries, Martin. *Anleitung Zum Hopfenbau an Stangen Und Drahtgerüsten. Das Trocknen Auf Trockenböden, Rahmen Und Mittelst Feuerung*. Zweite vermehrte Auflage. ed. Stuttgart: Der Verfasser, 1882.

Crerar Dewey 633.241 P901

Gross, Emanuel. *Der Hopfen in Botanischer, Landwirthschaftlicher Und Technischer Beziehung Sowie Als Handelswaare*. Wien: H. Hitschmann, 1899.

Crerar TP585.H6

Hofsten, Nils von. *Pors Och Andra Humleersättningar Och Ölkryddor I Äldre Tider = Bog Myrtle (Myrica Gale) and Other Substitutes for Hops in Former Times*. Uppsala: A.-B. Lundequistska Bokhandeln, 1960.

Crerar SB295.H88L28 1990

Lawrence, Margaret. *The Encircling Hop : A History of Hops and Brewing*. Sittingbourne, Kent, England: SAWD, 1990.

Crerar Dewey 581.948 R800

Lindman, C. A. M. *Bilder Ur Nordens Flora*. Stockholm: Wahlström & Widstrand, 1918.

Online

Ofversten, J., L. Jauhiainen, and A. Kangas. "Contribution of New Varieties to Cereal Yields in Finland between 1973 and 2003." *Journal of Agricultural Science*, 142(3) : 281-87, 2004.

http://proxy.uchicago.edu/login?url=http://www.journals.cambridge.org/jid_AGS

Crerar Dewey 633.207 T500

Phillips, Caroline Louise Boerner E. G. *Barley and Barley Malt; Abstracts and References; Grades, Statistics, Tariffs, and Related Subjects, Also Lists of Brewing Journals, and Manufacturers of Barley Malt and Pearled Barley*. Washington, 1935.

Crerar Dewey 633.207 R300

Quante, Hugo. *Die Gerste : Ihre Botanischen Und Brautechnischen Eigenschaften Und Ihre Anbau*. Berlin: P. Parey, 1913.

Crerar S405.A28 no.26

Rasmusson, Donald C., and American Society of Agronomy. *Barley*. Agronomy. Madison, Wis.: American Society of Agronomy, 1985.

Crerar TP580.B74 2003

Smart, Katherine. *Brewing Yeast Fermentation Performance*. 2nd ed. Oxford, UK ; Malden, MA: Blackwell Science, 2003.

Crerar S21.A6 no.304

Stockberger, W. W. *Growing and Curing Hops*. (Farmers' Bulletin; 304), Rev. Oct. 1922, Washington, D.C.: U.S. Dept. of Agriculture, 1922.

History of beer and brewing:

Crerar Ms. 226 v. 13 no. 16a

A Century of Progress, Inc. *Exposition and Concession Features*. n.p., 1934.

<http://century.lib.uchicago.edu/images/century0236.pdf>

Crerar TP573.U6 A660 1992

Apps, Jerold W. *Breweries of Wisconsin*. Madison, Wis.: University of Wisconsin Press, 1992.

Crerar TP573.U5A8

Arnold, John P., and Frank Penman. *History of the Brewing Industry and Brewing Science in America, Prepared as Part of a Memorial to the Pioneers of American Brewing Science, Dr. John E. Siebel and Anton Schwarz*. Chicago, 1933.

Crerar T500.C1B2

Bancroft, Hubert Howe. *The Book of the Fair; an Historical and Descriptive Presentation of the World's Science, Art, and Industry, as Viewed through the Columbian Exposition at Chicago in 1893*. Chicago, San Francisco: The Bancroft Company, 1895.

Online

"Beer Expected to Inspire Tired Fair Visitors." *Chicago Daily Tribune (1872-1963) ProQuest Historical Newspapers Chicago Tribune (1849 - 1985)* May 23, 1933: 25.

<http://proxy.uchicago.edu/login?url=http://proquest.umi.com/pqdweb?RQT=318&TS=1149781814&clientId=13392&VType=PQD&VName=HNP&VInst=PROD&pmid=53854&PageNum=1>

On order

The Beer Stein Book: A 400 Year History. 3rd ed. Coral Springs, FL: Glentiques, Ltd., 1999.

Crerar TP577.C35 2003

Cassá, Roberto. *Raíces Y Desarrollo De Un Orgullo Dominicano : Historia De La Cerveza En La República Dominicana.* Santo Domingo: Grupo León Jiménez, 2003.

Online

Child, Samuel. *Every Man His Own Brewer. A Practical Treatise, Explaining the Art and Mystery of Brewing Porter, Ale, Twopenny, and Table-Beer.* London: printed for J. Ridgway, by S. Gosnell, 1800.

http://proxy.uchicago.edu/login?url=http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T122292&tiPG=1&dd=0&dc=flc&docNum=CW108680730&vrsn=1.0&srctp=a&d4=0.33&n=10&SU=OLRM&q=chic_rbw

Crerar TP577.C67 2003

Cornell, Martyn. *Beer : The Story of the Pint ; the History of Britain's Most Popular Drink.* London: Headline, 2003.

Crerar TP577.D28

Davison, Eloise, and United Brewers Industrial Foundation. *Beer in the American Home.* New York: United Brewers Industrial Foundation, 1937.

Crerar TP521.D564 2004

Dineley, Merryn. *Barley, Malt and Ale in the Neolithic.* (BAR International Series ; 1213). Oxford: Archaeopress, 2004.

Crerar TP573.E33 H47

Helck, Wolfgang. *Das Bier Im Alten Ägypten.* Berlin: Gesellschaft für die Geschichte und Bibliographie des Brauwesens e.V.; Institut für Gärungsgewerbe und Biotechnologie, 1971.

Crerar TP573.A1 H67 2003

Hornsey, Ian S. *A History of Beer and Brewing.* RSC Paperbacks;. Cambridge: Royal Society of Chemistry, 2003.

Crerar TP577.K52

King, Frank Alfred. *Beer Has a History.* London, New York: Hutchinson's Scientific and Technical Publications, 1947.

Regenstein F548.9.N4 M55 2000

Miller, Wayne F. *Chicago's South Side 1946-1948.* Berkeley: University of California Press, 2000.

Crerar TP577 .N45 2005

Nelson, Max. *The Barbarian's Beverage : A History of Beer in Ancient Europe.* London: Routledge, 2005.

Crerar TP573.5.Y84 N66 2005

Noon, Mark A. *Yuengling : A History of America's Oldest Brewery*. Jefferson, N.C.: McFarland & Co., 2005.

Crerar TP577.O46 2006

Ogle, Maureen. *Ambitious Brew : The Story of American Beer*. Orlando: Harcourt, 2006.

Crerar Dewey 663.4 Q300

One Hundred Years of Brewing; a Complete History of the Progress Made in the Art, Science and Industry of Brewing in the World, Particularly During the Nineteenth Century. Chicago and New York: H.S. Rich & Co., 1903.

Crerar TP520 .R46 1994

Renfrow, Cindy. *A Sip through Time : A Collection of Old Brewing Recipes: In a Single Illustrated Volume, Containing Hundreds of Old Recipes for Ale, Beer, Mead, Metheglin, Cider, Perry, Brandy, Liqueurs, Distilled Waters, Hypocras, Wines, Etc., Dating from 1800 B.C. To Modern Times*. [Pottstown, Pa.?]: C. Renfrow, 1994.

Crerar TP577.S593 1998

Smith, Gregg. *Beer in America : The Early Years - 1587-1840 : Beer's Role in the Settling of America and the Birth of a Nation*. Boulder, Colo.: Brewer's Publications, 1998.

Crerar TP577.U54 2004

Unger, Richard W. *Beer in the Middle Ages and the Renaissance*. Philadelphia: University of Pennsylvania Press, 2004.

Crerar TP573.N4U54 2001

-- . *A History of Brewing in Holland, 900-1900 : Economy, Technology, and the State*. Leiden: Boston, 2001.

Crerar TP577.B376 1960

United States Brewers Foundation. *Barley, Hops and History*. New York: United States Brewers Foundation, 1960?.

Crerar Dewey 663.3 V900

Weeks, Morris. *Beer and Brewing in America*. New York: United States Brewers Foundation, 1949.

Crerar TP577.W44 2004

Wells, Ken. *Travels with Barley : A Journey through Beer Culture in America*. New York: Free Press, 2004.

Brewers and breweries:

Crerar Dewey 663.3 1

American Brewing Trade List and Internal Revenue Guide for Brewers. Chicago: American Brewers' Review Company, 1903.

Crerar Dewey 663.4 1

Brewers Journal Directory: Supplement to the Western Brewer. Philadelphia: Gibson Pub. Co., 1877.

Crerar TP573.U6B840

Bull, Donald, Manfred Friedrich, and Robert Gottschalk. *American Breweries*. Trumbull, Conn.: Bullworks, 1984.

Crerar Dewey 663.3 T301

Emil Schlichting, and H. Winther. *Practical Points for Brewers, a Reference Book for All Interested in the Arts of Brewing and Malting*. New York: The National Brewers' Academy and Consulting Bureau (Inc.), 1933.

Beer and brewing in Chicago:

Online

"The Breweries of Chicago." *Scientific American*, XV.22 (1866): 351.

http://gateway.proquest.com/openurl?url_ver=Z39.88-2004&res_dat=xri:c19index-us&rft_dat=xri:c19index:APS:164346541

Regenstein F548.9.N4 M55 2000

Miller, Wayne. *Chicago's South Side, 1946-1948*. Series in Contemporary Photography ; 1;; University of California Press published in association with the Graduate School of Journalism, Center for Photography, University of California, Berkeley, 2000.

Crerar HD9397.U53 C487 2006

Skilnik, Bob. *Beer : A History of Brewing in Chicago*. Fort Lee, NJ: Barricade Books, 2006.

Crerar HD9397.U53C453 1999

---. *The History of Beer and Brewing in Chicago 1833-1978*. St. Paul: Pogo Press, 1999.

Science of beer and brewing:

Crerar Dewey 663.3 Q900

American Burtonizing Co. *Brewing Water, Its Defects and Their Remedy*. New York: Peck & Durham, 1909.

Crerar Dewey 663.3 R301

---. *The Treatment of Brewing Waters in the Light of Modern Physical Chemistry*. New York, 1913.

Crerar Dewey 663.3071 A512

American Society of Brewing Chemists. *Methods of Analysis*. 5th ed. Chicago, 1949.

Crerar TP577.B36 2004

Bamforth, Charles W. *Beer : Health and Nutrition*. Oxford ; Ames, Iowa: Blackwell Science, 2004.

Crerar TX726.3.B564 1999

Bilgri, Anselm, Peter K. Köhler, and Birgit Adam. *Cooking an Healing with Beer : Secrets from Germany's Famous Andechs Monastery*. Augsburg: Sankt Ulrich Verlag, 1999.

Crerar TP577 .B815 1998

Buhner, Stephen Harrod. *Sacred and Herbal Healing Beers : The Secrets of Ancient Fermentation*. Boulder, Colo.: Siris Books, 1998.

Crerar Q1.N51

Coghlan, Andy. "The Brewer's Tale: How Yeast Acquired the Talent That Led to the Birth of Booze." *New Scientist*, December 23-January 5 (2007): 32-33. (Available online after Feb. 1, 2007).

Crerar TP570.F580 1989

Fix, George J. *Principles of Brewing Science*. Boulder, Colo.: Brewers Publications, 1989.

Online

Gerhauser, Clarissa. "Beer Constituents as Potential Cancer Chemopreventive Agents." *European Journal of Cancer*, 41.13 (2005): 1941-54.

<http://www.sciencedirect.com/science/article/B6T68-4GCX1DD-3/2/f9f918caff44a33f252fc05ea2868f63>

Crerar TP577.B380 1988

Linskens, H. F., J. F. Jackson, and S. Aastrup. *Beer Analysis*. Modern Methods of Plant Analysis New Ser., V. 7. Berlin ; New York: Springer-Verlag, 1988.

Crerar SB191.B2B3530 1993

MacGregor, Alexander W., and Rattan S. Bhatti. *Barley : Chemistry and Technology*. Aacc Monograph Series. St. Paul, Minn.: American Association of Cereal Chemists, 1993.

Crerar Dewey 663.3 O900

Matthews, Charles George, and Francis Edward Lott. *Microscope in the Brewery and Malt-House*. New York: D. Appleton & Co., 1889.

Online

Monteiro, R., et al. "Effect of Hop (*Humulus Lupulus* L.) Flavonoids on Aromatase (Estrogen Synthase) Activity." *Journal of Agricultural and Food Chemistry*, 54.8 (2006): 2938-43.

<http://www.scopus.com/scopus/inward/record.url?eid=2-s2.0-33646531814&partnerID=40&rel=R5.6.0>

Crerar TP577.P296

Pasteur, Louis. *Études Sur La Bière, Ses Maladies, Causes Qui Les Provoquent, Procédé Pour La Rendre Inaltérable; Avec Une Théorie Nouvelle De La Fermentation*. Paris: Gauthier-Villars, 1876.

Crerar SB191.B2B386 1992

Shewry, P. *Barley: Genetics, Biochemistry, Molecular Biology and Biotechnology*. Biotechnology in Agriculture Series. Wallingford, Oxon, UK: C.A.B. International, 1992.

Online

Takahashi, T., et al. "Beneficial Effect of Brewers' Yeast Extract on Daily Activity in a Murine Model of Chronic Fatigue Syndrome." *Evidence-based Complementary and Alternative Medicine*, 3.1 (2006): 109-15.

<http://www.scopus.com/scopus/inward/record.url?eid=2-s2.0-33745684495&partnerID=40&rel=R5.6.0>

Online

Thomson, J. Michael, et al. "Resurrecting Ancestral Alcohol Dehydrogenases from Yeast." *Nature Genetics*, 37.6 (2005): 630-35.

<http://www.nature.com.proxy.uchicago.edu/ng/journal/v37/n6/pdf/ng1553.pdf>

Crerar Dewey 663.3 R301

The Treatment of Brewing Waters in the Light of Modern Physical Chemistry. New York: American Burtonizing Co., 1913.

Technology of beer and brewing:

Crerar TP577 .B39 2001

Baxter, E. Denise. *Beer : Quality, Safety and Nutritional Aspects*. RSC Paperbacks. Cambridge, UK: Royal Society of Chemistry, 2001.

Crerar TP570.B62

Black, William. *A Practical Treatise on Brewing, Based on Chemical and Economical Principles : With Formulæ for Public Brewers and Instructions for Private Families*. 2nd ed., London: Smith Elder and Co. ... 1840.

Crerar TP659.D77

Dreesbach, Philip, Robert Wahl, and Max Henius. *Beer Bottlers' Handy Book ... Containing ... Many Figuring Examples, Tables, Bookkeeping Forms and Steaming Charts*. Chicago: Wahl-Henius institute, 1906.

Crerar TP587.E2

Eckenstein, Ed. *Développement Et Progrès De La Fabrication Du Malt Pendant Les Quarante Dernières Années*. Bâle: Impr. E. Birkhæuser, 1907.

Crerar TP494.G3H370 1994

Hård, Mikael. *Machines Are Frozen Spirit : The Scientification of Refrigeration and Brewing in the 19th Century : A Weberian Interpretation*. Boulder, Colo.: Westview, 1994.

Crerar TP587.H680 1985

Hough, J. S. *The Biotechnology of Malting and Brewing*. Cambridge Studies in Biotechnology 1. Cambridge Cambridgeshire ; New York: Cambridge University Press, 1985.

Crerar TP659.K29

Keller, W. B. *The Beer and Ale Bottlers' Manual : A Useful Guide Which Embodies the Latest Accepted Scientific and Pratical Information on the Subjects of Bottling, Steaming and Handling Lager Beer : The Bottling and Care of Ale, Porter and Stout*. New York: s.n., 1893.

Painter, William. *Bottle-Sealing Device*. U. S. Patent 468,258 February 2, 1892.

<http://www.uspto.gov>

Crerar TP587.S88

Stopes, H. *Malt and Malting: An Historical, Scientific, and Practical Treatise, Showing, as Clearly as Existing Knowledge Permits, What Malt Is, and How to Make It. With Full Descriptions of All Buildings and Appliances, Together with Detailed Definitions of Every Matter Connected Therewith, Illustrated by 150 Woodcuts*. London: Lyon, 1885.

Crerar TP570.T36

Thausing, Julius E. *Die Theorie Und Praxis Der Malzbereitung Und Bierfabrikation : Mit Besonderer Berücksichtigung Des Wiener Brauverfahrens, Nach Eigenen Erfahrungen Bearbeitet.* Leipzig: J. M. Gebhardt's Verlag, 1877.

Crerar TP570.T37

Thausing, Julius E., et al. *The Theory and Practice of the Preparation of Malt and the Fabrication of Beer, with Especial Reference to the Vienna Process of Brewing.* Philadelphia: H.C. Baird & co.; etc. etc., 1882.

Crerar Dewey 663.3 Q800

Wahl, Robert, and Max Henius. *American Handy Book of the Brewing, Malting and Auxiliary Trades; a Book of Ready Reference for Persons Connected with the Brewing, Malting and Auxiliary Trades, Together with Tables, Formulas, Calculations, Bibliography and Dictionary of Technical Terms.* 3d ed. Chicago: Wahl-Henius Institute, 1908.

Crerar Dewey 663.4 V800

Wallerstein Laboratories. *Bottle Beer Quality, a 10-Year Research Record.* New York, 1948.

Temperance and Prohibition:

Online

"14-Year Dry Era Ends Today." *Chicago Daily Tribune* 1933: 1, (December 5, 1933).

<http://proxy.uchicago.edu/login?url=http://proquest.umi.com/pqdweb?did=380883361&Fmt=7&clientId=13392&RQT=309&VName=HNP>

Crerar Dewey 178.09773 Q300

Anderson, William H. *The Struggle for Local Option in Illinois. An Outline of the Movement, the Record of Individual Members of the Forty-Third General Assembly, a History of the Last Campaign, and Detailed Plans for the Next.* Springfield, Chicago: The Illinois Anti-saloon League, 1903.

Online

Andrae, Percy. *The Brewer and Temperance Reform; Address at the Second International Brewers' Congress, Chicago, Oct. 18, 1911. A Policy of Practical Reform Denied.* New York: [Allied printing trades council], 1911.

http://gateway.proquest.com/openurl?url_ver=Z39.88-2004&res_dat=xri:c19index-us&rft_dat=xri:c19index:NSTC:0865926

Online

Arthur Sears, Henning. "'U. S. Dry July 1'-Wilson." *Chicago Daily Tribune* 1919: 1, (June 29, 1919).

<http://proxy.uchicago.edu/login?url=http://proquest.umi.com/pqdweb?did=380883361&Fmt=7&clientId=13392&RQT=309&VName=HNP>

Crerar QP915.A3C3

Carlson, Anton J., et al. *Studies on the Possible Intoxicating Action of 3.2 Per Cent Beer.* Chicago, IL: The University of Chicago Press, 1934.

Crerar Dewey 178.4 R601

Chicago Brewers' Protective Association and Chicago Commission on the Liquor Problem. *Reply of Chicago Brewers' Protective Association to Questionnaire of Commission, April, 1916*. Chicago?: The Association?, 1916.

Regenstein HV5298.C4 A28

Chicago Commission on the Liquor Problem. *Preliminary Report to the Mayor and Aldermen of the City of Chicago*. Chicago: Barnard & Miller, 1916.

Regenstein HV5298.C4G3

George, John Edward. *The Saloon Question in Chicago*. New York: Pub. for the American Economic Association by the Macmillan Company, 1897.

Crerar Dewey 178.4 R201

Nicholls, John A. *Does It Pay? Economic Studies in the Liquor Problem*. Evanston, Ill.: National Woman's Christian Temperance Union, 1912.

Online

"No Government Patronage of the Brewers!" *New York Observer and Chronicle (1833-1912)*, 89 : 34 (Aug 24, 1911).

http://gateway.proquest.com/openurl?url_ver=Z39.88-2004&res_dat=xri:c19index-us&rft_dat=xri:c19index:APS:759128302

Regenstein HV5298.C4H8

Report to the Hyde Park Protective Association by the President for the Year Ending October 2d, 1895. Chicago: R.R. Donnelly & Sons, 1895.

Online

"Temperance Fanaticism." *Zion's Herald (1868-1910)*, 59 : 31 (Aug 2, 1882).

http://gateway.proquest.com/openurl?url_ver=Z39.88-2004&res_dat=xri:c19index-us&rft_dat=xri:c19index:APS:775375932