Mr. Rufus D. Sage
Cromwell, Conn.
Henry Carey Baird

BAIRD, Henry Carey, author, born in Brides-burg, Pennsylvania, 10 September 1825. In 1845 he became a partner in the publishing house of Carey & Hart, of Philadelphia, and in 1849 established the new house of Henry Carey Baird & county, which has published a large number of technical industrial works and various economical treatises. He was at first a Whig, and subsequently a republican in politics. but in 1875 he joined the national greenback party and became one of its leaders. He has written on economical questions, advocating views similar to those of Henry C. Carey, his uncle. He published a collection of his works in Philadelphia in 1875.


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Abstract

In April 1859 a group of well-to-do manufacturers and Republican politicians coaxed a reclusive Henry Carey, Philadelphia’s pre-eminent economist, from his study to a public dinner in his honour. One hundred and twenty five names were at the foot of an invitation to dine at the opulent La Pierre Hotel in recognition of Carey’s “service in behalf of American industrial interests.” The banqueting hall glittered with brilliantly illuminated chandeliers trimmed with floral arrangements; at one end a banner proclaimed “Protection to American Labor,” although, curiously, none of the guests looked as though they actually laboured; strung across the other end of the hall another banner blazoned “Harmony of Interests,” but only one interest sat at table. These two slogans encapsulate Carey’s world view. He had a vision of an ideal America in which small manufacturing towns would spread across the land. To him “association ” allowed farmers to exchange products with neighbouring mechanics and to develop America beyond the stage of primary producer. Towns would grow into cities, generate a social and cultural life, and cities would trade with other cities. By such a process all underdeveloped nations would achieve economic maturity.

Through the free association of co-operating individuals, town and country and capital and labour achieved harmony. The only way to overcome the baneful effect of British imperialism was through the protective tariff. To Carey’s way of thinking, free trade was the antithesis of association because it created “centralization,” a system in which a core industrial capitalism traded manufactures for raw materials with a faraway and less developed periphery. Trading at such a distance allowed a merchant class to intervene and siphon off the hard-won efforts of
labour. Free trade led to wild, speculative fluctuations in economic activity, periodic overproduction as consumers were not matched by producers, and long-term underdevelopment of the agricultural regions of the American South and West which lay outside the orbit of north-eastern manufacturers. Carey’s ripened theoretical position was consequent upon the enormous changes experienced by American society during the decades of the 1830s, 40s and 50s. Like all utopias, the future was intimately linked to the hopes and fears of the present. To the growing but still subaltern class of manufacturers that rubbed shoulders at La Pierre’s dinner tables, he offered a comforting vision of American small-town life as an antidote to the reality of British social polarization and class conflict.

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HENRY CAREY BAIRD, “Industrial Publisher”: A collection of 159 titles published by HCB between ca. 1850 and ca. 1920

Over the past several years we have assembled a collection of 159 titles published by the Philadelphian Henry Carey Baird (1825-1912). Baird was the grandson of Matthew Carey and the nephew of the noted American political economist Henry C. Carey. At the age of 16 Baird entered the publishing company of Carey and Hart in Philadelphia. He reorganized the firm under the name of Henry Carey Baird & Co. in 1849 and made it “the first publishing house in America to make a specialty of books on technical and industrial matters.” [DAB].

Over his long career he published well over 250 scientific and technical titles. His motivation for doing this was far more than simply to build a profitable business (though he did presumably do that); in the largest sense he felt that only by its own native initiative could American industry achieve its full potential. As had his uncle before him, he argued strongly for tariff protection and at the same time relentlessly continued to publish his scientific and practical books in an effort to further native American manufactures.

Thus the Baird list becomes a paradigm for American industrial progress and eventual preeminence in the second half of the nineteenth century. As James Green has stated: “Henry Carey Baird’s contribution to this transformation was different [than that of his family, who had invested directly in the Pennsylvania iron industry], more difficult to assess, but possibly crucial; he provided the technical information needed by the crowd of mechanics, scientists, and businessmen who really made it happen; and for thousands of readers, from Presidents to working people, he supplied the ideology which convinced nearly everyone that what was good for industry was good for America.” - “Henry Carey Baird & Co., America’s first technical publishers,” in PACSCALnews, Vol I, no. 1, Sept., 1991, p. 9. We recommend the entire article. H. C. Baird is surely deserving of a book length study and a proper bibliography. Our collection would make a fine start for such a study.
The collection currently consists of 159 titles, for sale en bloc only. The condition is as would be expected for these kinds of books; almost all are in their original bindings with varying degrees of wear from fine copies to poor copies [but all but one (item 114) are complete]; a few have been rebacked and a few recased in modern cloth.


This is an interesting copy. It is in an original Baird binding with the name ’Baird’ stamped in gold at the base of the spine and it contains at the end the usual catalogue of Baird publications. But the imprint on the title page gives Trubner only. Trubner was at one point a joint publisher with Baird (see Dussauce, The perfumer).


First edition. About 1920 or so the Baird firm moved to New York City. Anderson was a consulting metallurgical engineer; he dedicates his book to the memory of Joseph W. Richards who wrote an earlier work on Aluminum also published by Baird (q.v.). This is one of very few Baird books which does not have the publisher’s backlist catalogue bound at the rear.

Thick 8vo, orig. cloth. xxxi+913 pp. Good copy.


First edition in English. The translator Brannt was a graduate of the Royal Agricultural College of Eldina, Prussia.

8vo, orig. cloth. xx+25-346+32 pp. with 11 wood-engr text illus.

4. ARLOT, M. A COMPLETE GUIDE FOR COACH PAINTERS, TRANSLATED FROM THE FRENCH ...BY A. A. FESQUET, CHEMIST AND ENGINEER, TO WHICH IS ADDED AN APPENDIX CONTAINING INFORMATION RESPECTING THE MATERIALS AND THE PRACTICE OF COACH AND CAR PAINTING AND VARNISHING IN THE UNITED STATES AND GREAT BRITAIN. Philadelphia: Henry Carey Baird; London: Sampson Low, 1881
First American edition was 1871. Arlot was for eleven years the foreman of painting to M. Eherler, Coach Maker, Paris. A complete text covering all aspects of painting and repainting vehicles. Rittenhouse, Carriage Hundred, no 4, ”perhaps the first work on this subject issued in America.” A scarce book.

8vo, orig. cloth. xvi+13-173+(vi)+32 pp.

5. ARROWSMITH, JAMES. THE PAPER-HANGER’S COMPANION: A TREATISE ON PAPER-HANGING; IN WHICH THE PRACTICAL OBSERVATIONS OF THE TRADE ARE SYSTEMATICALLY LAID DOWN. Philadelphia: Henry Carey Baird, (Successor to E. L. Carey), 1866

Originally published in the 1850s. This was a long popular work which stayed in print at fifty years (see next item).

12mo, orig. cloth, title in gilt on cover (cloth faded and worn). 108+24 pp.


A very fine bright copy, much enlarged as described in the above title.

8vo, orig. cloth, title in gilt on cover and spine. xii+150+32 pp. with 25 fine illus.

7. BAIRD, HENRY CAREY, Publisher. HUGHES’S AMERICAN MILLER AND MILLWRIGHT - (NEW EDITION). Price $1. (Advertising brochure). [ca. 1851]

4 page folded brochure advertising the Hughes book as well as others. There is no visible date but circumstantial evidence would indicate a date of about 1851, early in HCB’s career as a publisher.

4to, 4 pp.

8. BAIRD, HENRY CAREY & CO. CATALOGUE OF A CHOICE COLLECTION OF PRACTICAL, SCIENTIFIC, AND ECONOMIC BOOKS FOR SALE BY HCB & CO., INDUSTRIAL PUBLISHERS, BOOKSELLERS AND IMPORTERS. N.d., [ca. 1870-1880]

This is a rare and very interesting document; it proves that Baird functioned as a bookseller. There are about 450 titles listed here, all with prices. Almost all are in English and almost all were published in the 19th century. There are some rarities but mostly they are run of the mill technical titles. It is not clear if this was a library they bought en bloc or if these were books which would have naturally accumulated in the office of an industrial publisher.
9. BAIRD, HENRY CAREY & CO. CATALOGUE OF BOOKS ON STEAM AND THE STEAM ENGINE, MECHANICS, MACHINERY, AND DYNAMICAL ENGINEERING FOR SALE BY HCB & CO. [Philadelphia, n.d. (ca. 1870-80)]

A list of about 300 titles, each priced. Not all of these were published by Baird. As in the list above, all are in English and all published during the 19th century.

Small 8vo, self wraps, saddle stitched (i.e. stapled). 22+2 pp.


This is a list of technical books, mostly not published by HCB. Lists about 200 titles with prices.

4to, 4 pp, folding sheet.

11. BAIRD, HENRY CAREY & CO. CATALOGUE OF PRACTICAL AND SCIENTIFIC BOOKS PUBLISHED BY... Philadelphia, August 1, 1877

A modern scholarly bibliography of the publications of HCB would be most welcome. This collection in general and these catalogues in particular will make an excellent starting point for such a bibliography. The present catalogue lists 193 Baird publications.

8vo, orig. printed wrappers, nice copy. 96 pp. 1 extra printed leaf laid in.

12. BAIRD, HENRY CAREY & CO. CATALOGUE OF PRACTICAL AND SCIENTIFIC BOOKS PUBLISHED BY... September 1, 1913. Philadelphia, 1913

This catalogue lists 252 titles.

8vo, orig. printed wraps. 94 pp.

13. BAIRD, HENRY CAREY & CO., INC. CATALOGUE OF SCIENTIFIC, MECHANICAL AND INDUSTRIAL BOOKS. 1919 EDITION. New York, 1919

A note at the base of the title page states: "Established in Philadelphia 1785. Incorporated in New York, 1918." The reference to 1785 is to the original Carey publishing firm. Henry Carey Baird himself died in 1912 and his grandson Edward Carey Gardiner carried on the business a few years more. It is not clear if E. C. Gardiner was still the principal when the business moved to New York in 1918. The present catalogue lists 162 titles, many of them new, dealing with the automobile.

8vo, self wraps, saddle stitched. 48 pp. With 2 loose printed sheets laid in.

Collins was the printer of the vast majority of books published by HCB. In addition to his business as an industrial publisher, Baird himself was an economic writer; a list some of the titles of his essays is given in the DAB.

8vo, disbound. 12 pp.


The final leaf is an advert for Baird’s technical publications.

8vo, stitched as issued. 16 pp. Title p. dust soiled; old lib. stamp on cover margin.


This pamphlet consists of reprints of essays or letters to the editor of three newspapers.

8vo, stitched as issued. 16 pp. T.p. dust soiled; old lib. stamp on upper margin.


Originally published 1851. A long popular and standard work.

12mo, orig. cloth. 252+24 pp. Small chips in front hinge but not visible along spine.


The first English edition appeared 1849. "Almost from the first hour of its appearance it took rank as one of the most acute and vigorous treatises within the entire range of economic
literature." This volume is unusual in that it does not contain a catalogue of Baird publications bound at the rear.

8vo, orig. cloth, spine worn, tail of spine chipped, front hinge cracked. (ii)+xii+13-291.


As noted in the imprint, 'Henry Carey Baird, successor to E. L. Carey,' HCB took over the publishing business of his maternal uncle E. L. Carey in December 1849. He started business with the Carey & Hart or E. L. Carey stock of books, which were primarily literary. These works are now very scarce; this collection contains a small sampling of them. HCB continued to issue them through the 1850s but the works he began to publish on his own account were from the beginning technical books.

12mo, orig. cloth. 180+24 pp. Old waterstain through last few leaves; rear cover spotted. Else a good copy.


First edition in English. "Comprising the preparation of cellulose from wood and straw; manufacture of parchment; methods of obtaining sugar and alcohol, and oxalic acid; production of viscose and viscid, nitro-celluloses, and cellulose esters, artificial silk, celluloid, rubber substitutes, oil-rubber, and facts."

8vo, orig. cloth, inner rear hinge cracked. xxi+345+32 pp. with 41 text illus. Old waterstain in upper outer quadrant.

WITH 170 ACTUAL MOUNTED SAMPLES OF DYED MATERIALS & FABRICS


A good copy of this rare work with all of the dyed samples present and in good condition. Title continues: "Comprising a description of the principal dye-stuffs and chemicals used in dyeing, their natures and uses; mordants and how made; with the best American, English, French and German processes for bleaching and dyeing silk, wool, cotton, linen, flannel, felt, dress goods, mixed and hosiery yarns, feathers, grass, felt, fur, wool and straw hats, jute yarn, vegetable ivory, mats, skins, furs, leather, etc. etc. by wood, aniline and other processes, together with remarks on finishing agents, and instructions in the finishing of fabrics, substitutes for indigo, water
proofing of materials, tests and purification of water, manufacture of aniline, and other new dye wares, harmonizing colors, etc. etc.

8vo, recent full cloth. xxvii+17-388+31 pp. with 171 mounted dyed samples. Very good copy.

22. BLINN, LEROY J. A PRACTICAL WORKSHOP COMPANION FOR TIN, SHEET IRON AND COPPER PLATE WORKERS. CONTAINING RULES FOR DESCRIBING VARIOUS KINDS OF PATTERNS USED BY TIN, SHEET IRON AND COPPER PLATE WORKERS; PRACTICAL GEOMETRY; MENSURATION OF SURFACES AND SOLIDS;...JAPANS, VARNISHES, LACKERS, CEMENTS, COMPOSITIONS, ETC. ETC. Philadelphia: Henry Carey Baird & Co., 1882

Originally published 1859. The author is described on the titlepage as a ‘Master Mechanic.’

8vo, orig. cloth. vi+184+30 pp. with over 80 text illus.

23. BOOTH, M. L. THE MARBLE-WORKER’S MANUAL. DESIGNED FOR THE USE OF MARBLE WORKERS, BUILDERS, AND OWNERS OF HOUSES. CONTAINING PRACTICAL INFORMATION RESPECTING MARBLES IN GENERAL; THEIR CUTTING, WORKING AND POLISHING; VENEERING OF MARBLE; PAINTING UPON AND COLOURING OF MARBLE; MOSAICS; COMPOSITION AND USE OF ARTIFICIAL MARBLE; STUCCOS, CEMENTS, &C. WITH AN APPENDIX CONCERNING AMERICAN MARBLES. Philadelphia: H. C. Baird, 1876

Originally published in New York in 1856; the work was translated from the French. The large folding lithographed frontispiece illustrates and identifies 77 marble workers’ tools.

8vo, orig. cloth. 254+23 pp. with fdg. litho frontis.


First published 1850. This work is unusual in that the publisher’s imprint states ”Henry C. Baird;” it is almost always given as Henry Carey Baird. Also it is very unusual for Baird books in that it is bound in full sheep with raised bands and black leather spine lettering piece. This is the original binding and not a later rebinding. Almost all the Baird books, right from the beginning in 1849, were cased in cloth.

Thick 8vo, orig. full sheep. 4+974+16 pp. with 97 text illus and 9 litho plates. Very good copy.


Originally published 1890. ”BEING A COLLECTION OF CHEMICAL FORMULAS AND PRACTICAL MANIPULATIONS FOR THE WORKING OF ALL THE METALS AND ALLOYS; INCLUDING THE
DECORATION AND BEAUTIFYING OF ARTICLES MANUFACTURED THEREFROM AS WELL AS THEIR PRESERVATION.” (I.E. ANNEALING, HARDENING, TEMPERING, BRONZING, COLORING, CASTING, FOUNDING, CEMENTS, CLEANSING, GRINDING, PICKLING, POLISHING, DECORATING, ENAMELLING, ENGRAVING, ETCHING, ELECTROPLATING, BRASSING, COPPERING, GASLVARIZING, GILDING, NICKELING, SILVERING, TINNING, LACQUERS, PAINTS, VARNISHES, ETC).

8vo, orig. dec. cloth. 538+32 pp. with 63 text illus.


27. BRANNT, WILLIAM T., (editor). THE PRACTICAL SCOURER AND GARMENT Dyer: COMPRISING DRY OR CHEMICAL CLEANING; PURIFICATION OF BENZINE; REMOVING STAINS; WET CLEANING; FINISHING CLEANED FABRICS; CLEANING AND DYEING FURS, SKIN RUGS AND MATS; CLEANING AND DYEING FEATHERS; BLEACHING AND DYEING STRAW HATS; CLEANING AND DYEING GLOVES; GARMENT DYEING; STRIPPING; ANALYSIS OF TEXTILE FABRICS. SECOND EDITION, IN GREAT PART RE-WRITTEN AND MUCH ENLARGED. Philadelphia: Henry Carey Baird & Co., 1907

"In this edition the subject of dry cleaning has been treated with much greater amplitude than in the old one, and that the subject cleaning and dyeing furs, skin rugs and mats, here given, appears now for the first time.”

This edition has been “thoroughly revised and also enlarged...a noteworthy addition is the section relating to cleaning and renovating felt and straw hats. This edition has been enlarged by about 75 pages.

30. BRANNT, WILLIAM T. & J. B. GRAY (editors). *Practical Dry Cleaner, Scourer and Garment Dyer Comprising Dry, Chemical or French Cleaning; Purification of Benzine; Removal of Stains or Spotting; Wet Cleaning, Including the Cleaning of Palm Beach Suits and Other Summer Fabrics; Finishing Cleaned Fabrics; Cleaning and Dyeing Furs, Skin Rugs and Mats; Cleaning and Dyeing Feathers; Cleaning and Renovating Felt; Straw and Panama Hats; Bleaching and Dyeing Straw and Straw Hats; Cleaning and Dyeing Gloves; Garment Dyeing; Stripping Colors From Garments and Fabrics; Analysis of Textile Fabrics; Practical Chemistry for the Cleaner and Dyer. Sixth Corrected Edition*. New York: Henry Carey Baird & Co., Inc., 1924

As can be seen from the three earlier editions above, this work was a standard and important reference book. This edition has been thoroughly revised and has a new chapter, ‘Practical chemistry for the cleaner and dyer.’

31. BRANNT, WILLIAM T. *A Practical Treatise on the Manufacture of Soap and Candles: Based Upon the Most Recent Experiences in the Science and the Practice...* Edited Chiefly from the German of Dr. C. Deite, A. Englehardt, Dr. C. Schaedler, and Others, with Additions and Lists of American Patents Relating to These Subjects. Philadelphia: Henry Carey Baird & Co.; London: Sampson, Low &c., 1888

First edition, a fine copy.

Thick 8vo, orig. cloth, title in gilt on spine. xxxi+pp17-677+32 pp. with 163 text wood-engravings. Spine faded but a fine copy.

32. BRANNT, WILLIAM T. *A Practical Treatise on the Manufacture of Vinegar with Special Consideration of Wood Vinegar and Other Byproducts Obtained in the Destructive Distillation of Wood; The Preparation of Acetates. Manufacture of Cider and Fruit Wines; Preservation of Fruits and Vegetables by Canning and Evaporation; Preparation of Fruit-Butters, Jellies, Marmalades, Pickles, Mustards, etc.*
33. BRANNT, WILLIAM T. A PRACTICAL TREATISE ON THE RAW MATERIALS AND THE
DISTILLATION AND RECTIFICATION OF ALCOHOL, AND THE PREPARATION OF ALCOHOLIC LIQUORS,
LIQUEURS, CORDIALS AND BITTERS. EDITED CHIEFLY FROM THE GERMAN OF DR. K. STAMMER, DR.
&c., 1885

First edition in English. Nice bright copy.

12mo, orig. cloth, title in gilt on spine. xx+25-330+32 pp. with 31 text illus.

34. BRANNT, WILLIAM T. VARNISHES, LACQUERS, PRINTING INKS AND SEALING-WAXES: THEIR
RAW MATERIALS AND THEIR MANUFACTURE. TO WHICH IS ADDED THE ART OF VARNISHING AND
LACQUERING, INCLUDING THE PREPARATION OF PUTTIES AND OF STAINS FOR WOOD, IVORY, BONE,

First edition.

12mo, orig. cloth, title in gilt on spine (very small chip in upper right corner of spine). xx
+338+32 pp. with 39 text illus. Old dark stain along the blank lower margin of the last third of the
book.

35. BRANNT, WILLIAM T. & WILLIAM H. WAHL. THE TECHNO-CHEMICAL RECEIPT BOOK:
CONTAINING SEVERAL THOUSAND RECEIPTS, COVERING THE LATEST, MOST IMPORTANT, AND MOST
USEFUL DISCOVERIES IN CHEMICAL TECHNOLOGY, AND THEIR PRACTICAL APPLICATION IN THE
ARTS AND THE INDUSTRIES. EDITED CHIEFLY FROM THE GERMAN OF DRs. WINCKLER, ELSNER,
HEINTZE, MIERZINSKI, JACOBSEN, KOLLER AND HEINZERLING, WITH ADDITIONS BY BRANNT &
WAHL. Philadelphia: Henry Carey Baird & Co; London: Sampson Low, 1886

First edition. Rich and wide-ranging, a sampling: alloys, artificial gems, bleaching and
coloring of metals, building materials, artificial building stone, mortars, etc; celluloid,
caoutchouc, gutta percha, cements, pastes, putties, cleansing, polishing and renovating agents,
colored chalks, crayons, pencils and inks, copying and printing, etc. etc. These receipts are
valuable and important because they were not copied from some earlier English sources (as were
most of the receipt books of the 19th century); these were taken from practicing German
scientists and technologists.

8vo, orig. dec. cloth, bit of soiling on rear cover. xxxii+495+31 pp. with 78 text illus. Good sound
copy.


This was first published in New York by Stringer and Townsend in 1855 and then it was called a ”new edition” as it was a revision of two earlier works published by Stringer and Townsend in 1853.

8vo, recent full cloth. 468+24 pp with 250 text illus.

38. **BYRN, M. L.** The Complete Practical Brewer; Or Plain, Accurate and Thorough Instructions in the Art of Brewing Ale, Beer and Porter; Including the Processes of Making Bavarian Beer; Also, All the Small Beers, Such as Root-Beer, Ginger-Pop, Sarsaparilla-Beer, Mead, Spruce Beer, Etc. Etc. Adapted to the Use of Public Brewers, and Private Families, or Those Who May Wish to Brew on a Small Scale. Philadelphia: Henry Carey Baird, 1852


Originally published 1853 (according to copyright page). Byrn was a graduate of the University of the City of New York.

8vo, orig. cloth, title in gilt on spine. 198+23 pp. with 18 text illus.

Fine copy. Originally published 1853. "American materials, tools, general arrangement, and rough execution, are much superior to anything of the same sort to be met with in Europe; but, in finishing off their work, many of the American artisans are deficient; one of our objects is to remedy this defect". - Preface.

Lg. 8vo, orig. cloth, title in gilt on spine. 463+23 pp. with 184 wood-engr. illus.


Originally published 1864. This is "a new, revised, and improved edition, with additions by John Scoffern, M.B., William Clay, William Fairbairn, F.R.S., and James Napier.

Large 8vo, orig. cloth, title in gilt on spine. (slightly faded but a very good copy). 652+23 pp with 592 text illus.

42. BYRNE, OLIVER. THE PRACTICAL MODEL CALCULATOR, FOR THE ENGINEER, MECHANIC, MACHINIST, MANUFACTURER OF ENGINE-WORK, NAVAL ARCHITECT, MINER AND MILLWRIGHT. Philadelphia: Henry Carey Baird, 1852

This is probably the first American edition, though the work was entered for copyright in 1851. Byrne was an Englishman and is perhaps best known as the author of 'the elements of Euclid by colours,' that wonderful book printed by Pickering.

Thick 8vo, recent full cloth. 494+85+583-591+12 pp with numerous text illus.

43. BYRON. THE WORKS OF LORD BYRON. COMPLETE IN 8 VOLUMES. Philadelphia: Henry Carey Baird, 1856

This is one of the group of literary titles HCB inherited from his maternal uncle E. L. Carey in 1849. These HCB literary titles from the 1850s are very difficult to find.

8 volumes. 8vo, orig. plum colored cloth, faded; some fraying to heads of spines and edges. Else a good set.
44. CALLINGHAM, JAMES. **SIGN WRITING AND GLASS EMBOSSED. A COMPLETE PRACTICAL MANUAL OF THE ART. TO WHICH ARE ADDED NUMEROUS ALPHABETS.** Philadelphia: Henry Carey Baird, 1871

Originally published London, 1871; this was the first work on the subject. Following the text are 15 fine plates of ornamental alphabets. Duncan 2091 citing the 1871 edition. A fine bright copy.

8vo, orig. cloth. 210+32 pp. with 43 numbered text illus., many other text illus and 15 plates.

45. CALLINGHAM, JAMES. **SIGN WRITING AND GLASS EMBOSSED; A COMPLETE PRACTICAL ILLUSTRATED MANUAL OF THE ART. A NEW EDITION, TO WHICH IS ADDED THE ART OF LETTER PAINTING MADE EASY.** By James Greig Badenoch. Philadelphia: Henry Carey Baird & Co., 1905

Very fine and bright copy. Originally published about 1870 or earlier in England; this copy contains a preface to the enlarged edition dated Philadelphia 1900.

8vo, orig. cloth, title in gilt on spine, fine and bright copy. (iv)+258+32 pp with 42 text illus., 13+15 plates of alphabets.


Henry Charles Carey (1793-1879) was a noted economist and publisher. He was the eldest son of Matthew Carey and the uncle of HCB. The Dictionary of American Biography states: "The principal interest in Baird is as an expositor and popularizer of the economic writings of his uncle Henry C. Carey, and in a wider sense of the "Pennsylvania School" of "national economists" which had received its original impulse from Matthew Carey."

8vo, orig. printed wrappers. 26 pps

47. CAREY, H. C. **THE UNITY OF LAW; AS EXHIBITED IN THE RELATIONS OF PHYSICAL, SOCIAL, MENTAL, AND MORAL SCIENCE.** Philadelphia: Henry Carey Baird, 1873

First edition, fine copy.

8vo, orig. cloth, title in gilt on spine. xxiv+433+24 pp.

48. CHRISTIANI, R. S. **A TECHNICAL TREATISE ON SOAP AND CANDLES; WITH A GLANCE AT THE INDUSTRY OF FATS AND OILS.** Philadelphia: Henry Carey Baird & Co; London: Sampson, Low, 1881

First edition. This was not a translation of a European text but an original American work. The author was a chemist.

Originally published 1851. An original American work.

12mo, orig. cloth. 137+24 with 4 text illus. Good copy.

50. COLLENS, T. WHARTON. **The Eden of Labor; or the Christian Utopia.** Philadelphia: Henry Carey Baird, Industrial Publishers, Booksellers and Importers, 1876


12mo, orig. cloth, title in gilt on spine. viii+13-228+23 pp. with litho frontisp. Nice copy.


8vo, orig. cloth, fine. xxiv+17-508+32 pp with 70 engravings and two plates.

52. [CROUCHER, J. H. & GUSTAVE LE GRAY]. **Plain Directions for Obtaining Photographic Pictures by the Calotype and Engraviotype, Also Upon Albumenised Paper and Glass, by Collodion and Albumen, etc., Including a Practical Treatise on Photography, With a Supplement, Containing the Heliochrome Process, Also, Practical Hints on the Daguerreotype; Being Simple Directions for Obtaining Portraits, Views, Copies of Engravings, Drawings, Sketches of Machinery, Art, etc., by the Daguerreotype Process; Including the Latest Improvements in Fixing, Colouring, and Engraving the Pictures; With a Description of the Apparatus.** Philadelphia: Henry Carey Baird (successor to E. L. Carey), 1855

Originally published London 1845; the second edition was also published 1845, the 3rd in 1847, and the 4th in 1851, each revised and enlarged (Gernsheim 671). Part II of the present edition contains in part a translation of Gustave LeGray’s ‘Treatise on photography’ and a reprint of
Fred. Scott Archer’s original article on collodion from The Chemist. Roosens/Salu 6363. The Epstean Collection had only a later reprint of 1860 (see addenda to the Epstean catalogue).

12mo, orig. cloth, title in gilt on cover and spine, a very nice copy of a rare book. 224+(24) pp. with 17+30 wood-engr. illus.

WITH 12 MOUNTED SAMPLES OF DYED LEATHER


Thick 8vo, orig. cloth, title printed in gilt on spine. xl+33-824+32 pp. with 302 wood-engr. illus. and 12 mounted samples of dyed leathers.


First edition, a fine copy. Title continues: ”Including the different raw materials and the methods for determining their values; the tools, machines, and practical details connected with an intelligent and a profitable prosecution of the art, with special reference to the best American practice. To which are added a history of paper, complete lists of paper-making materials, tools and processes used in treating the raw materials, and in making, coloring and finishing paper.” Noted in Dard Hunter’s ”Chronology of paper and allied subjects” as listing more than 950 materials from which paper could be made.

Large 8vo, orig. cloth, title in gilt spine. xxiv+17-608+32 pp. with 180 text engravings. Covers lightly faded but a fine copy.

Originally published earlier in the same year, 1889. Title continues: "Including hand-made, dry clay, tempered clay, soft mud, and stiff clay bricks, also front, hand-pressed, steam pressed, re-pressed ornamentaly shaped, and enamelled bricks, drain tiles, straight and curved sewer and water pipes, fire clays, fire bricks, glass pots, terra cotta, roofing tiles, flooring tiles, art tiles, mosaic plates, and imitation of intarsia or inlaid surfaces, comprising every important product of clay employed in architecture, engineering, the blast furnace, etc.

8vo, orig. cloth, wear to head and tail of spine. xxxi+17-501+32 pp with 217 engravings.

56. DAWIDOWSKI, F[erdinand]. A PRACTICAL TREATISE ON THE RAW MATERIALS AND FABRICATION OF GLUE, GELATINE, GELATINE VENEERS AND FOILS, ISINGLASS, CEMENTS, PASTES, MUCILAGES, ETC., BASED UPON ACTUAL EXPERIENCE TRANSLATED FROM THE GERMAN, WITH EXTENSIVE ADDITIONS, INCLUDING A DESCRIPTION OF THE MOST RECENT AMERICAN PROCESSES BY WILLIAM T. BRANNT. Philadelphia: Henry Carey Baird, 1884


8vo, orig. cloth. 297+31 pp. with 35 text illus. Spine dull, inner hinge cracked.


"Comprising the raw materials and manufacture of skin and bone glue, different varieties of glue, animal charcoal, phosphorus, gelatine and products prepared from it; isinglass and fish glue, methods of testing glue and gelatine, and the preparation and application of cements, pastes and mucilages, for use in the workshop, laboratory and office."

8vo, orig. cloth.xv+282+32 pp with 59 text illus. Nice copy.


First edition. Dr. Deite was assisted by L. Borchert, F. Eichbaum, E. Kugler, H. Toeffner and other experts.
59. DE STAEL, MADAME. CORINNE: OR, ITALY. TRANSLATED BY ISABEL HILL; WITH METRICAL VERSIONS OF THE ODES BY L. E. LANDON. Philadelphia: Henry Carey Baird, Successor to E. L. Carey, 1854

In the first few years of Henry Carey Baird’s operation he took over the back list of E. L. Carey which was mainly literature; these literary works from the fifties not now easy to find.

60. DUNCAN, ANDREW. THE PRACTICAL SURVEYOR’S GUIDE, CONTAINING THE NECESSARY INFORMATION TO MAKE ANY PERSON OF COMMON CAPACITY A FINISHED LAND SURVEYOR, WITHOUT THE AID OF A TEACHER. Philadelphia: Henry Carey Baird, 1874

Originally published in the 1850s. The author was a land surveyor and civil engineer from Pittsburgh.

61. DUNCAN, ANDREW. A NEW AND COMPLETE TREATISE ON THE ARTS OF TANNING, CURRYING AND LEATHER DRESSING. COMPRISING ALL THE DISCOVERIES AND IMPROVEMENTS MADE IN FRANCE, COMPILED AND PROVIDED UNDER FAIR USE BY GARY ROBERTS DBA TOOLEMERA PRESS • TOOLEMERA PRESS.COM

First edition.

8vo, orig. cloth. xxviii+17-710+24 pp. with 213 wood-engr. illus. Hinges partially cracked; head and tail of spine a bit frayed but a good copy.


First edition. The author had been a distinguished industrial chemist in Paris but then moved to America; the preface to the present work was written by him from New Lebanon, NY.

8vo, orig. cloth, slight fraying to head of spine. xii+pp25-376+23 pp. A good tight copy.


8vo, orig. cloth, good copy. 104+24 pp.


Edwards was a marine engineer and associate editor of ”The American Shipbuilder.” He was the author of numerous other related books.

8vo, orig. cloth. 440+(ii)+32 pp with 85 text illus.


The date of the first edition is not immediately apparent. The author was a mechanical engineer from Wilmington, Del.

8vo, orig. cloth, title in gilt on spine (dull). 414+24 pp with 62 text illus. Good tight copy.
68. EDWARDS, EMORY. MODERN AMERICAN LOCOMOTIVE ENGINES; THEIR DESIGN, CONSTRUCTION AND MANAGEMENT. A PRACTICAL WORK FOR PRACTICAL MEN. Philadelphia: Henry Carey Baird & Co., 1888

First published 1883. The work is dedicated by the author to the publisher, Henry Carey Baird, “the friend, advocate and champion of the American worker.” It is most unusual for an author to dedicate his book to his publisher; this is an indication of the esteem in which Mr. Baird was held.

8vo, orig. cloth, hinges cracked but holding. xxiv+383+32 pp. with 78 engravings.


“For the use of Engineers, Firemen and Steam Users.”

8vo, orig. cloth, spine a bit dull but a nice copy. xxxix+40+420+24 pp. with 119 engravings.

70. ELDER, WILLIAM. CONVERSATIONS ON THE PRINCIPAL SUBJECTS OF POLITICAL ECONOMY. Philadelphia: Henry Carey Baird, 1882

“Dedicated, would it were worthier to the memory of Alexander Hamilton, Henry C. Carey, Stephel Colwell: the political economists of the new world for the new time.”

8vo, orig. cloth, title in gilt on spine. 316+24 pp.


Henry Charles Carey (1793-1879) was a noted economist and publisher, born in Philadelphia, eldest son of Matthew Carey. He became the head of the firm of Carey, Lea and Carey, a leading American publishing house. He was an uncle of Henry Carey Baird. This copy is inscribed: ”Edwin M. Lewis Esq. with the compliments of Henry C. Baird. Phila., April 10, 1880.”

8vo, orig. cloth. 39 pp with portrait frontisp.


First edition. Elder (1806-1885) was an important physician and writer. His life is given in the Dictionary of American Biography, which calls this book “his most important work.” It was intended as ‘political economy for popular perusal.’
73. ELWOOD, JAMES L. Elwood’s Grain Tables: showing the value of bushels and pounds of different kinds of grain calculated in Federal money; so arranged as to exhibit upon a single page, the value at a given price from ten cents to two dollars per bushel, of any quantity from one pound to ten thousand bushels; with other convenient and useful tables. Philadelphia: Henry Carey Baird, 1852.

Originally published 1849. The author was an accountant in Buffalo, New York.

8vo, orig. half black roan. 200 pp.


This edition has been issued in pocket size and form for the ’prospector and mineralogist.’

12mo, orig. cloth. xxx+414 pp. with 123 engravings.


Fairbairn was a distinguished British engineer; he was a corresponding member of the National Institute of France, and of the Royal Academy of Turin, Chevalier of the Leigon of Honour, etc. etc.

8vo, orig. cloth, title in gilt on spine. 266+32 pp. with 156 text illus.


Fesquet was a chemist and engineer who did a number of translations for Baird. The present work is translated from the second French edition.

Lg. 8vo, recent full cloth. xix+17-495+23 pp. with 127 wood-engr. text illus. Slight waterstain in the upper corner of last few leaves.
77. FESQUET, A. A. THE SCHOOL OF CHEMICAL MANURES; OR ELEMENTARY PRINCIPLES IN THE USE OF FERTILIZING AGENTS. FROM THE FRENCH OF M. GEORGE VILLE, BY A. A. FESQUET, CHEMIST AND ENGINEER. Philadelphia: Henry Carey Baird, 1872

"This little book, written in familiar dialogistic form, and intended for popular use, is rÇsumÇ of several larger works by the same author.” - AAF.


The author, who is identified on the title as an ”American tanner” was based in Hillsdale, Michigan.

Lg. 8vo, orig. cloth, title in gilt on cover and spine, fine copy. xxiii+607+32 pp. with halftone frontispiece and 2 plates in halftone.

79. GRAY, THOMAS. THE POETICAL WORKS OF THOMAS GRAY. EDITED, WITH A MEMOIR, BY HENRY REED. Philadelphia: Henry Carey Baird, 1853

This was one of the literary titles which HCB inherited from his material uncle E. L. Carey. Baird continued to list and sell these through the mid 1850s but he did not commission any similar works; from the start he began building a list of technical books.

12mo, orig. cloth, gilt dec spine. 334+24 pp.


The author was an engineer and Director of Foundries, author of La Fonderie en France, etc.

Sm. 8vo, orig. cloth, title in gilt on spine. xxiv+13-293+24 pp. 19th century owners name inscribed on front paste-down.

Originally published 1877. Haupt was professor of civil engineering, Towne Scientific School, University of Pennsylvania.

8vo, orig. cloth. xii+313+(iv) pp. with numerous text illus and fdg frontisp. Light marginal waterstains, old ripple on cover.


Originally published in Edinburgh, 1828, this was Hay’s first book; it went through at least six editions. The present first American edition is a straight reprint of the sixth London edition. The work is especially notable for the colored diagrams; in this edition they have now been reduced to one, ”yet that one contains all the colors of which the various diagrams in the former editions were composed, more correctly balanced as to their relative powers, and more permanently secured against change.” Baird books with color plates, either color printed or hand colored are very few. The entire text has here been re-written; the second part, ”On the practice of house painting,” is new. It contains also material on the decoration of ceilings and walls (distemper, gilding, paper-hangings, stippled flat painting in gold, imitation of gold embroidery, decorative borders, imitation damask, and imitation morocco leather). It is of much value to the preservationist and restorationist.

8vo, orig. cloth. 207+26 pp. with hand-colored frontisp (”Diagram of the primary, secondary & tertiary colours”). A good copy.


First edition in English. Brannt was Secretary of the Royal Agricultural College of Eldina, Prussia; eventually he moved to America and was author of numerous books in his own right, many of which were published by Baird.

12mo, orig. cloth. xvi+pp.25-278+24 pp. Ex-lib., old bookplate, hinges cracked.

Originally published ca 1850. This is an early appearance of the joint imprint of 'London, Trubner'; I think this is a sign that Henry Carey Baird was reaching out for a larger market even at the relative beginning of his career as a publisher. This title is noted by Brooke Hindle as "a much reprinted handbook [which] gives a good picture of practice at mid-century". (Technology in Early America, p. 44).

8vo, orig. cloth. 292+24 pp. with numerous text illus. Covers dusty and faded; head & tail of spine frayed.

85. JERVIS, JOHN B. RAILWAY PROPERTY. A TREATISE ON THE CONSTRUCTION AND MANAGEMENT OF RAILWAYS; DESIGNED TO AFFORD USEFUL KNOWLEDGE, IN A POPULAR STYLE, TO THE HOLDERS OF THIS CLASS OF PROPERTY; AS WELL AS TO RAILWAY MANAGERS, OFFICERS AND AGENTS. Philadelphia: Henry Carey Baird, 1864

First (?) edition; a nice copy.

8vo, orig. cloth. 341+24 pp.


”Rewritten and arranged, with additional matter and plates, selections from and examples of the most useful and generally employed mechanism of the day.” First American edition was published by Stringer and Townsend in New York in 1854. First edition was in French, published in Ostende 1850.

4to, recent full cloth. vi+196 pp with 55 litho plates, numb 1-45; A-J (the latter folding) and including 2 color plates.


‘Reprinted from the author’s Speeches, addresses and letters on industrial and financial questions.’ William Darrah Kelley (1814-1890) was a congressman born in Philadelphia; for details see the DAB.

8vo, orig. printed wrappers. 32 pp.
88. KELLEY, WILLIAM D. SPEECHES, ADDRESSES AND LETTERS ON INDUSTRIAL AND FINANCIAL QUESTIONS. TO WHICH IS ADDED IN INTRODUCTION, TOGETHER WITH COPIOUS NOTES AND AN INDEX. Philadelphia: Henry Carey Baird, 1872

First edition. Dedicated to "the great master of economic science, the profound thinker, and the careful observer of social phenomena...Henry C. Carey."


89. KENTISH, THOMAS. A TREATISE ON A BOX OF INSTRUMENTS AND THE SLIDE RULE. FOR THE USE OF GAUGERS, ENGINEERS, SEAMEN AND STUDENTS. Philadelphia: Henry Carey Baird, 1854


12mo, orig. black cloth. 228+24 pp with fdg engr frontisp. Rear cover rippled from old dampstain but a good copy.


Copyright date of 1869, which may be the date of the first edition.

8vo, orig. cloth. 93+32 pp. with numerous text illus.


The author was professor in the Royal School of Mines; member of the Royal Technical Commission for the Industries; and of the Imperial Patent Office, Berlin.

8vo, orig. cloth, title in gilt on spine (a bit faded). xx+17-354+32 pp. with 128 text illus.


This is an interesting volume. It is an English work, printed in England and imported in sheets by Baird into Philadelphia where it was bound in the usual Baird fashion with the name "H. C. Baird & Co." at the base of the spine. Also Baird’s 32 page list of publications is bound at the rear. I have found very few English works which were imported by Baird and bound by him here.
8vo, orig. cloth. xvi+247+32 pp. with 23 illus.


First edition in English. Fine bright copy.

12mo, orig. cloth. xxviii+25-428+31 pp. with 16 engravings.


"With an appendix on the Bessemer and the Martin processes for manufacturing steel from the report of Abram S. Hewitt, United States Commissioner to the Universal Exposition, Paris, 1867."

8vo, orig. cloth. xvi+25-352+32 pp with 18 text illus.


The first American edition was published by Baird in 1891.

8vo, orig. cloth. xxxiv+696+(x)+32 pp. with 162 engravings. Good copy.


This copy is almost identical to the English issue (see next item) but there are slight differences and the two together make a very interesting comparison. There are two differences; this copy does not have the English ads on the endpapers and flyleaves. And the versos of the title pages are different; in this copy the usual credit line for the printer is present: "Printed at Collins Printing House, Philadelphia, Pa." It is not present on the English issue. The bindings are not identical but they are very similar, in type of cloth, in the gilt stamping on the spines and in the blind
stamps on covers. These similarities lead us to believe that both copies were bound in Philadelphia.

8vo, orig. cloth, title stamped in gilt on spine. xix+394+32 pp. with 10 text engravings. Very good copy.


An interesting copy, the endpapers and flyleaves are ads for British companies. The composition of the text block looks American but the usual credit line of “Collins Printer” is not present; I surmise that these sheets were printed in London from stereotype plates made in Philadelphia. But what makes this copy more problematic, and more interesting, is the fact that the binding certainly looks identical to the Philadelphia-printed copies. So the history would seem to be that the work was composed and initially printed in Philadelphia; then the plates were stereotyped, shipped to London and printed and then the sheets were shipped back to Philadelphia where they were bound. Or so I surmise.


98. LEHNER, SIGMUND. The Manufacture of Ink: Comprising the Raw Materials, and the Preparation of Writing, Copying and Hecktograph Inks, Safety Inks, Ink Extracts and Powders, Colored Inks, Solid Inks, Lithographic Inks and Crayons, Printing Ink, Ink or Aniline Pencils, Marking Inks, Ink Specialities, Sympathetic Inks, Stamp and Stencil Inks, Wash-Blue, Etc. Translated from the German, with Additions by William T. Brannt. Philadelphia: Henry Carey Baird & Co., 1892


8vo, orig. cloth, nice copy. 229+32 pp.

First edition in English. Title continues: ”To which is added an appendix containing extracts from the reports of the International Jury, and of the artizans selected by the Committee Appointed by the Council of the Society of Arts, London, on Woollen and Worsted Machinery and Fabrics, as exhibited in the Paris Universal Exposition, 1867. This work is illustrated with 12 folding litho plates; this is an unusual form of illustration for Baird books - mostly they were illustrated with textual wood engravings.

8vo, orig. cloth, hinges cracked but holding. xx+17-341+(iv)+23 pp. with 12 fdg. litho plates.

100. LESLIE, MISS. MISS LESLIE’S COMPLETE COOKERY. DIRECTIONS FOR COOKERY, IN ITS VARIOUS BRANCHES. FIFTY- NINTH EDITION, THOROUGHLY REVISED, WITH ADDITIONS. Philadelphia: Henry Carey Baird, 1863

The copyright date is 1837 entered by E. L. Carey and H. Hart; H. C. Barid must have kept this work in print for most of the rest of the 19th century.

8vo, later cloth. 528+24 pp. with 5 text illus.

101. LIEBER, OSCAR M. The Assayer’s Guide; Or Principal Directions To Assayers, Miners, And Smelters, For The Tests And Assays, By Heat And By Wet Processes, Of The Ores Of All The Principal Metals And Of Gold And Silver Coins And Alloys. Philadelphia: Henry Carey Baird, 1852

The work was entered for copyright in 1852 but the date at the end of the preface is 10 April 1851. Lieber was 'late geologist to the state of Mississippi.'

12mo, orig. cloth, rebacked, white paper spine label. 117+24 pp. with 5 plates. Lightly foxed.

102. LINTON, EDWARD D. & GEORGE V. DRURY. CONVERSATIONS ON THE CURRENCY. Philadelphia: Henry Carey Baird & Co., 1878

The imprint is of interest; the outer wrapper gives the Baird imprint. The title page is identical to the outer wrapper except for the imprint which is as follows: Boston: W. F. Brown & Co., Printers, 1878.

8vo, orig. printed wrappers. 111 pp.

103. LOVE, THOMAS. THE ART OF DYEING, CLEANING, SCOURING, AND FINISHING, ON THE MOST APPROVED ENGLISH AND FRENCH METHODS; BEING PRACTICAL INSTRUCTIONS IN DYEING SILKS, WOOLLENS, AND COTTONS, FEATHERS, CHIPS, STRAW, &, SCOURING AND CLEANING BED AND WINDOW CURTAINS, CARPETS, RUGS, ETC. FRENCH AND ENGLISH CLEANING ANY COLOR OR FABRIC OF SILK, SATIN OR DAMASK. Philadelphia: Henry Carey Baird, 1862

Originally published London 1854; this is the first American edition (see Lawrie, A bibliography of dyeing, no. 430). The second American edition was also published by Baird, in 1869.
104. MAIN, THOMAS J. & THOMAS BROWN. THE INDICATOR AND DYNAMOMETER, WITH THEIR PRACTICAL APPLICATIONS TO THE STEAM ENGINE. FROM THE FOURTH LONDON EDITION, ILLUSTRATED. Philadelphia: Henry Carey Baird, 1864

8vo, orig. cloth (dull). 300+24 pp.


Main was mathematical professor at the Royal Naval College, Portsmouth and Brown was chief engineer, R.N., attached to the Royal Naval College.

8vo, orig. cloth (head and tail of spine worn, hinges cracked). iv+3-374+24 pp with 2 fdg plates and numerous text illus.


Originally published London, 1861. The author was one of the assayers of the Bank of England.

8vo, orig. cloth, title in gilt on spine (dull). xvi+pp25-442+24 pp. with 50 text illus. Ex-lib., old bookplate and old white inked number on spine. Light wear to head and tail of spine but a good copy.


A fine bright copy.

Large 8vo, orig. cloth, title printed in gilt on spine. 337+32 pp. with 114 illus.


Originally published 1864.

8vo, orig. cloth. x+7-548+23 pp. with occas. text illus.

First American edition. The translator was one "M. R. P."

12mo, orig. cloth, title in gilt on spine. 371+24 pp. Spine lightly soiled but a good copy.

110. MOORE, THOMAS. LALLA ROOKH: AN ORIENTAL ROMANCE. Philadelphia: Henry Carey Baird, 1854

8vo, orig. cloth, title and gilt ornamental stamps on spine. (vi)+13-346+24 pp. Slight fraying at head of spine but a good copy.

111. MORFIT, CAMPBELL. THE ARTS OF TANNING, CURRYING, AND LEATHER DRESSING; THEORETICALLY AND PRACTICALLY CONSIDERED IN ALL THEIR DETAILS. EDITED FROM THE FRENCH OF J. DE FONTENELLE AND F. MALPEYRE, WITH NUMEROUS EMENDATIONS AND ADDITIONS BY C.M. Philadelphia: Henry Carey Baird, 1852

First edition. "The first intention of the editor was to reproduce, in translation, the French manual of J. de Fontenelle and F. Malpeyre, but in the course of his labors its imperfections became so manifest that the original plan was abandoned for a substitute which would better realize his purpose of making a full and comprehensive treatise upon the manufacture of the different kinds of leather. To this end, such portions of the French work as were valuable and novel, were either translated or remodeled; while the imperfection in which it was deficient, was directly supplied or derived from other sources."

Thick 8vo, orig. cloth, gilt titled spine (dull, hinges partly cracked). xvi+17-557+16 pp. with portrait frontisp and 200 text engravings. Scattered foxing.


Originally published 1851. Publisher’s notice states: "The fact of this Treatise being reprinted from the plates of Byrne’s Practical metal workers assistant will sufficiently account for the numbering of the chapters, pages, and engravings appearing to be somewhat irregular. It may here be as well to state that the present is an exact and faithful reprint of the fourth London edition."

8vo, orig. cloth, nice copy. (viii)+489-639+24 pp. with 52 illus.

113. NAPIER, JAMES. A SYSTEM OF CHEMISTRY APPLIED TO DYEING. Philadelphia: Henry Carey Baird, 1869 Originally published 1853. This is a "new and thoroughly revised edition, completely brought up to the present state of the science including the chemistry of the coal tar colours by
A. A. Fesquet, with an appendix on dyeing and calico printing, as shown in the Universal Exposition, Paris, 1867”. Lawrie 481, citing the first edition. Edelstein 3315 also citing the first edition.

8vo, orig. cloth. xvi+pp.17-422 pp. with 14 wood-engr. illus. Short crack in upper rear hinge.


A rare ornament book. This is in fact an English book with a cancel title page inserted by Baird. The decorative title page states that the work was published by E. & F. N. Spon of London. Like many British books of this period it was bound with gutta percha and has now come apart; it is preserved in a custom made cloth box.

Lg. 4to, orig. cloth, spine and sewing perished. (vi)+16 pp with 100 litho plates. The text breaks off at page 16. Preserved in a custom made box.


Originally published by Baird in 1856, this was the first major American manual of bookbinding, though it was in fact preceeded by an American reprint of the English manual The whole art of bookbinding (Richmond, Va., 1824). Nicholson’s is an original American compilation though it does take the section on marbling verbatim from Woolnough’s Whole art of marbling which was originally published in England. Nicholson includes six examples of marbled paper bound in as leaves. These apparently differ in every edition. Mejer 1950. Appleton, A typographical tally, p. 83. Middleton, The binder’s art, no. 27, citing the edition of 1856.

8vo, orig. brown cloth, a very good copy. 318+32 pp. with 6 leaves of marbled paper bound in, 12 plates of binding designs, and numerous wood engr. text illus.


First edition, rare. An unusual book for its oblong small format, suitable for the pocket (about the size of a small box of cigars).

Oblong 12mo, orig. roan (rubbed); title in gilt on cover. viii+9-231+28 pp.
117. NORRIS, SEPTIMUS. **Norris’ Hand-Book for Locomotive Engineers and Machinists: Comprising the Properties and Calculations for Constructing Locomotives, Manner of Setting Valves, Tables of Squares, etc.** Philadelphia: Henry Carey Baird, 1853

Copyright date 1852; this may be the first edition. The author was the younger brother of William Norris; together they built locomotives.

Small 8vo, orig. cloth. 302+24 pp with 52 text illus and 2 fine engravings of locomotives.

118. NORTH, OLIVER. **The Practical Assayer Containing Easy Methods for the Assay of the Principal Metals and Alloys, Principally Designed for Explorers and Those Interested in Mines.** London: Chatto & Windus, 1874

This is one of a very small group of books which Baird imported from England in sheets and had bound up in Philadelphia; this is in a typical binding with the name ’Baird’ at the base of the spine and with the usual 24 page catalogue of Baird publications bound at the rear.

12mo, orig. cloth, spine dull. viii+256+24 pp. with 6 wood-engr. illus.


Originally published 1872. Most unusual for a Baird imprint, this volume has a color printed (actually gold and red) decorative title page, showing a nugget of California gold. We cannot think of any other Baird book with color printing.

12mo, orig. cloth. 211+16 pp. with color printed frontisp.


Originally published about 1892.

8vo, orig. cloth. xxiv+308+(iv)+32 pp with 58 illustrative engravings.


This was a long popular work; it was originally published in the 1850s.

12mo, orig. cloth. x+13-342+32 pp. with 44 engravings. Inner front hinge cracked but a good tight copy.

122. THE PAINTER, GILDER, AND VARNISHER’S COMPANION: CONTAINING RULES AND REGULATIONS IN EVERYTHING RELATING TO THE ARTS OF PAINTING, GILDING, VARNISHING, AND GLASS-STAINING: NUMEROUS USEFUL AND VALUABLE RECEIPTS; TESTS FOR THE DETECTION OF ADULTERATIONS IN OILS, COLOURS, ETC.; AND A STATEMENT OF THE DISEASES AND ACCIDENTS TO WHICH PAINTERS, GILDERS AND VARNISHERS ARE PECULIARLY LIABLE, WITH THE SIMPLEST AND BEST METHODS OF PREVENTION AND REMEDY. EIGHTH EDITION. TO WHICH ARE ADDED COMPLETE INSTRUCTIONS IN GRAINING, MARBLING, SIGNWRITING, AND GILDING ON GLASS. Philadelphia: Henry Carey Baird, 1861

Originally published 1850, this is an original American compilation, though it is based on an English book of a similar title, The painters, gilders and varnishers manual (London, ca. 1825). Deals also with the arts of polishing, waxing, lacquering, Japanning, etc; also gives receipts for sail cloth, oil cloth, printer’s ink, court plaster and variety of other substances. A volume in the Baird “Practical Series.” A nice copy, scarce.

12mo, orig. dec. cloth. 216+24 pp with 3 wood-engr. illus.


Originally published 1850, this was a long popular manual (it was still in print as late as 1902). Title continues: “rules and regulations in everything relating to the arts of painting, gilding, varnishing, glass-staining, graining, marbling, sign-writing, gilding on glass, and coach painting and varnishing; tests for the detections of adulterations in oils, colors, etc...comprising descriptions of a great variety of additional pigments, their qualities and uses. To which are added dryers, and modes of operations of painting, etc. together with Chevreul’s Principles of Harmony and Contrast of Colors.”


Originally published about 1850 (see notes to item above).


First published 1887 or 1888. The form of imprint is unusual; we cannot recall having seen any other books which were ‘published by the author’ while at the same time bearing the Baird imprint. Also, unlike almost all the Baird books this does not have the catalogue of Baird books for sale at the end; rather it has a series of ads for textile machinery.

4to, orig. full embossed morocco, head and tail of spine chipped, else a very nice copy. All edges gilt. (iv)+309 pp. with ”over 1000” illustrations.

126. ROUTEAUX, (A). PRACTICAL GUIDE FOR THE MANUFACTURE OF PAPER AND BOARDS, WITH ADDITIONS BY L. S. LE NORMAND, TRANSLATED FROM THE FRENCH WITH NOTES BY HORATIO PAINE, TO WHICH IS ADDED A CHAPTER ON THE MANUFACTURE OF PAPER FROM WOOD IN THE UNITED STATES, BY HENRY T. BROWN. PHILADELPHIA: HENRY CAREY BAIRD; LONDON: Sampson, Low., 1866

First edition of the first practical treatise on papermaking published in the United States. The author’s name is mis-spelt Proteaux on the title page. Marlborough Rare Books (London) in their Catalogue 71 point out that ”the pagination of the preliminaries is erratic, but identical with the copy in the collection of Mr. Leonard B. Schlosser”. The same is true of our copy but in fact such erratic pagination was common practice in the books of H. C. Baird, and occurs over and over again. Schlosser, Books on papermaking, no. 29. St. Bride Catalogue, p. 744. Not a common book, the NUC locates only four copies.

This copy is a rare issue; it was an English issue and contains at the rear not the usual Baird book catalogue but a 16 page catalogue of the publications of Sampson Low. This copy was printed in Philadelphia (and bears the usual credit line of ‘Collins Printer’ on the verso of title page) but it was bound in London and has the binders ticket of Bone & Son. The base of the spine of the binding says ‘London Sampson Low’ instead of the usual ‘Baird.’

8vo, orig. cloth, an excellent copy. 292 (rect 288) plus 16 pp. of adverts with 6 plates (5 fdg.)

Originally published by Baird in 1886, this was the first work in English on the subject. The basis of the book was the author’s thesis at Lehigh University.

8vo, orig. cloth.xxxii+17-511+32 pp. with 28 engravings and 2 diagrams. Ex-library; old white numbers on spine; inner hinges cracked.

128. RIFFAULT, VERGNAUD, & TOUSSAINT. *A PRACTICAL TREATISE ON THE MANUFACTURE OF COLORS FOR PAINTING...REVISED AND EDITED BY M. F. MALEPEYRE. TRANSLATED FROM THE FRENCH BY A. A. FESQUET.* Philadelphia: Henry Carey Baird; London: Sampson Low, 1874

It is stated in the preface by the translator that this is ”believed to be by far the most thorough and complete treatise upon the important subject which it considers, ever published in the English language.” The title continues: ”Comprising the origin, definition, and classification of colors; the treatment of the raw materials; the best formulae and the newest processes for the preparation of every description of pigment, and the necessary apparatus and directions for its use; dryers; the testing, application, and qualities of paints, etc.

8vo, recent full cloth. 659+32 pp with 80 text illus.


First edition. The author was in charge of Industrial Chemistry and Leather courses at Pratt Institute in Brooklyn. This is one of the very few Baird books we have seen which does not have a catalogue of Baird’s other publications bound at the end. The adverts at the end of this book are for leather-related machines and chemicals.

Thick 8vo, orig. cloth, nice clean copy.xxvi+699+(x) pp of adverts with 122 text illus.


First (?) edition.

8vo, orig. cloth, a bit worn, hinges rubbed. 376+(ii)+23 pp. with 130 text illus.

131. ROSE, JOSHUA. *THE COMPLETE PRACTICAL MACHINIST: EMBRACING LATHE WORK, VISE WORK, DRILLS AND DRILLING TAPS AND DIES, HARDENING AND TEMPERING, THE MAKING AND USE

Originally published 1876. This edition has been enlarged by more than 125 pages.


Originally published 1883. A very nice copy. This copy has a ticket mounted on the rear pastedown of "D. Van Nostrand, Publishers and Importers of Scientific Books, New York." This was obviously placed there when the book was new; this is the only instance I can recall of seeing such a bookseller’s ticket on a Baird publication.

8vo, orig. cloth, gilt spine. 313+31 pp with 330 engravings.

133. ROSE, JOSHUA. MODERN STEAM ENGINES: AN ELEMENTARY TREATISE UPON THE STEAM ENGINE, WRITTEN IN PLAIN LANGUAGE; FOR USE IN THE WORKSHOP AS WELL AS IN THE DRAWING OFFICE. GIVING FULL EXPLANATIONS OF THE CONSTRUCTION OF MODERN STEAM ENGINES; INCLUDING DIAGRAMS SHOWING THEIR ACTUAL OPERATION; TOGETHER WITH COMPLETE BUT SIMPLE EXPLANATIONS OF THE OPERATION OF VARIOUS KINDS OF VALVES, VALVE MOTIONS, AND LINK MOTIONS, ETC. THEREBY ENABLING THE ORDINARY ENGINEER TO CLEARLY UNDERSTAND THE PRINCIPLES INVOLVED IN THEIR CONSTRUCTION AND USE, AND TO PLOT OUT THEIR MOVEMENTS UPON THE DRAWING BOARD. Philadelphia: Henry Carey Baird & Co., London: Sampson Low, 1886

First edition. The author was a mechanical engineer based in New York City; he was the author of several books on the subject and advertised on the final leaf: ‘Drawings for steam engines carefully prepared.’

Small folio, orig. cloth, neatly rehinged, orig. spine preserved. 321+(1) pp with frontisp and 422 engravings.

134. SHAW, EDWARD. CIVIL ARCHITECTURE; BEING A COMPLETE THEORETICAL AND PRACTICAL SYSTEM OF BUILDING, CONTAINING THE FUNDAMENTAL PRINCIPLES OF THE ART. TO WHICH IS ADDED A TREATISE ON GOTHIC ARCHITECTURE ETC. BY THOMAS W. SILLOWAY AND
Nice copy of the latest and last edition of this long popular Greek Revival builder’s guidebook, originally published in Boston in 1830. This last edition is in fact rarer that the several editions of the 1830s; it probably did not sell well as it was really very much out of date and out of fashion, even with the additions, by 1887. HCB had a genius for publishing serious technical books but he did not understand architecture.

Lg 4to, orig. cloth. 191 pp. with 102 engraved plates. Does not contain the usual catalogue of Baird books at the rear.

135. SMEATON, A. C. THE BUILDERS POCKET COMPANION; CONTAINING THE ELEMENTS OF BUILDING, SURVEYING AND ARCHITECTURE. WITH PRACTICAL RULES AND INSTRUCTIONS CONNECTED WITH THE SUBJECT. Philadelphia: Henry Carey Baird, (Successor to E. L. Carey), 1859

Originally published in London, ca. 1825. The first Baird edition appeared in the first year of his existence as an independent publisher, 1850 (see Hitchcock, American architectural books, no. 1204).

12mo, orig. cloth, title in gilt on cover and spine (dull). 273+24 pp. with 77 text illus. Some pages loose in binding; binding loose but a complete copy.


Title continues: "...as single and two colored damasks, moreens, camlets, lastings, shot cobourgs, silk striped orleans, plain orleans from white and colored wraps, merinos, woollens, yarns, etc. containing nearly 800 receipts; to which is added a treatise on the art of padding; and the printing of silk warps, skeins, and handkerchiefs, and the various mordants and colors for the different styles of such work."

8vo, recent full cloth. 201+23 pp.

137. SOLLY, EDWARD. RURAL CHEMISTRY: AN ELEMENTARY INTRODUCTION TO THE STUDY OF THE SCIENCE IN ITS RELATION TO AGRICULTURE AND THE ARTS OF LIFE. FIRST AMERICAN FROM THE THIRD ENGLISH EDITION, REVISED AND ENLARGED. Philadelphia: Henry Carey Baird, 1852

Originally appeared as a short series of articles in the columns of the Gardener’s Chronicle in England. Includes such matters of domestic arts as wine and vinegar making, brewing, the manufacture of spirits, baking, cheese making, cookery, etc.
8vo, orig. cloth, head and tail of spine a bit frayed. xxvi+25-391+24 pp.


First edition. ”The most complete and exhaustive book in the English language. Partly based on Brannt’s Soapmaker’s Hand Book.” This is about as late as the Baird firm lasted. Henry Carey Baird died in 1912 and his grandson carried on the business from there.

Thick 8vo, orig. cloth. xi+709+(viii) pp. with 105 text illus. Nice copy.

139. STOKES, J. THE CABINET-MAKER AND UPHOLSTERER’S COMPANION...A NEW EDITION, WITH AN APPENDIX UPON FRENCH POLISHING, STAINING, IMITATING, VARNISHING, ETC. Philadelphia: Henry Carey Baird, 1901

Originally published in England in 1829, this work had a long life and went through several revisions; the first American edition appeared in 1850. The text comprises the art of drawing as applicable to cabinet work, veneering, inlaying and buhl-work; the art of dyeing and staining wood, ivory, bone, tortoise-shell; directions for lackering, japanning and varnishing; to make French polish, glues, cements and compositions, etc.

8vo, orig. cloth. vi+3-190+32 pp. with 5 litho plates. Good copy.

140. SULLIVAN, SIR EDWARD. PROTECTION IN NATIVE INDUSTRY. London: Edward Stanford; Philadelphia: Henry Carey Baird, 1872

The co-publisher Stanford is rarely seen in conjunction with HCB; this is the only item so published in this collection. This was printed in Philadelphia; the wrappers contain adverts for Baird books.

8vo, orig. printed wrappers. 117. Edges of wraps chipped.


Originally published London, 1852.

12mo, orig. cloth. 143+24 pp. Front hinge cracked, but still tight; a nice bright copy.

142. THOMAS, R[ICHARD] W[HEELER]. THE MODERN PRACTICE OF PHOTOGRAPHY. INTRODUCTORY SKETCH; HOW TO MAKE THE NEGATIVE; HOW TO CLEAN THE GLASS PLATE; HOW
TO VARNISH THE NEGATIVE; HOW TO PRINT FROM THE NEGATIVE; HOW TO PREVENT FOG, STAINS, AND STREAKS IN THE NEGATIVE. Philadelphia: Henry Carey Baird, 1868


8vo, orig. cloth with paper label on cover. 72+23 pp. Good copy.


First edition; a nice copy of a rare book. The author is described on the title as 'a practical hatter.'

8vo, orig. cloth with printed paper label on cover. 68+32 pp. with 8 wood-engr. text illus.

144. THE TURNER’S COMPANION: CONTAINING INSTRUCTIONS IN CONCENTRIC, ELLIPTIC, AND ECCENTRIC TURNING; AND VARIOUS PLATES OF CHUCKS, TOOLS AND INSTRUMENTS; AND DIRECTIONS FOR USING THE ECCENTRIC CUTTER, DRILL, VERTICAL CUTTER, AND CIRCULAR REST, WITH PATTERNS, AND INSTRUCTIONS FOR WORKING THEM. Philadelphia: Henry Carey Baird, 1856

First published 1851. Ogden states that this is a pirated edition of The handbook of turning published by Saunders and Otley, London, 1842. There is no known author. Ogden, Abel & Leggat, Bib of the art of turning, no. 281. A volume of Baird’s ‘Practical Series.’

12mo, orig. dec. cloth. 135+24 pp. with 14 wood engr. plates (some fdg). Nice copy.


First edition in English. Includes a 6 page introduction by the translator.

8vo, orig. cloth, printed paper label on cover. 83 pp. with 4 text illus.


First American edition.


148. VOGDES, FRANK W., ARCHITECT. THE ARCHITECT’S AND BUILDER’S POCKET COMPANION, AND PRICE BOOK...ALSO, RULES FOR COMPUTING AND VALUING BRICK AND BRICK WORK, STONE WORK, PAINTING, PLASTERING, ETC. Philadelphia: Henry Carey Baird, 1872

Originally published 1871. The author came from Louisville, Kentucky. Unusual in that it does not have the Baird list of publications bound at the rear.


First edition. This book has a rare feature, a preface by the publisher, Mr. Baird. He states that is book “is the only one on the subject ever published in the English language, mainly based upon that of Professor Ladislaus von Wagner of Buda-Pest, Hungary, the very best book which has appeared in Europe...” It is illustrated with “58 engravings, covering every branch of the subject; including examples of the most recent and best American machinery.”

Lg. 8vo, orig. cloth, title in gilt on spine, (a bit dull). 344+32 pp. with 58 illus. Inner hinges cracked.


First edition. The author held a PhD from University of Heidelberg; he was Secretary of the Franklin Institute (see DAB).

4to, orig. cloth, title in gilt on spine. xxviii+17-656+30 pp. with 189 wood-engr. text illus. Front inner hinge slightly cracked but a good tight copy.

First edition in English.

Small 8vo, orig. cloth, title in gilt on spine. xii+177+32 pp. with 25 text illus.

152. WALKER, CHARES V. ELECTROTYPE MANIPULATION, BEING THE THEORY AND PLAIN INSTRUCTIONS IN THE ART OF WORKING IN METALS, BY PRECIPITATING THEM FROM THEIR SOLUTIONS, THROUGH THE AGENCY OF GALVANIC OR VOLTAIC ELECTRICITY. ALSO IN THE ARTS OF ELECTRO-PLATING, ELECTRO-GILDING, AND ELECTRO-ETCHING. Philadelphia: Henry Carey Baird, successor to E. L. Carey, 1852

Second American from the twenty-fifth English edition. With the ownership inscription of Eugenio Latilla.

12mo, orig. cloth, title in gilt on cover and on spine. 2 vols in one. 79+76+24 pp. with 13 text illus. Good copy.


Fine copy.

8vo, orig. cloth, title in gilt on spine, fine tight copy. 221+24 pp.


Originally published in England. First American edition was published by Baird in 1870. ”To which is added an appendix containing instructions for boiler making, mensuration of surfaces, and solids, rules for calculating the weights of different figures of iron and steel, tables of the weight of iron and steel, etc.”

8vo, orig. cloth. xv+13-178+24 pp. with 32 plates and 37 wood-engravings.

155. WATSON, EGBERT P. A MANUAL OF THE HAND LATHE: COMPRISING CONCISE DIRECTIONS FOR WORKING METALS OF ALL KINDS, IVORY, BONE AND PRECIOUS WOODS; DYEING, COLORING, AND FRENCH POLISHING; INLAYING BY VENEERS, AND VARIOUS METHODS PRACTICED TO PRODUCE

Fine bright copy. This work was originally published around 1870.

8vo, orig. cloth, title in gilt on spine. 136+34 pp. with 74+2 wood-engr. illus.


The preface is dated Oct 13, 1866, the presumed date of the first edition. The preface states: "The matter will be found to be purely American, and must therefore possess additional practical value to American mechanics."

8vo, orig. cloth. 276+24 pp. with 86 wood-engr. text ilus. Good tight copy.

157. WEATHERLEY, HENRY. A TREATISE ON THE ART OF BOILING SUGAR, CRYSTALLIZING, LOZENGE-MAKING, COMFITS, GUM GODS, AND OTHER PROCESSES FOR CONFECTIONERY, ETC. IN WHICH ARE EXPLAINED, IN AN EASY AND FAMILIAR MANNER, THE VARIOUS METHODS OF MANUFACTURING EVERY DESCRIPTION OF RAW AND REFINED SUGAR GOODS, AS SOLD BY THE TRADE, CONFECTIONERS AND OTHERS. Philadelphia: Henry Carey Baird, 1875


12mo, orig. cloth. 131+22 pp. with 1 text illus.

158. WOHLER, FRIEDRICH. HANDBOOK OF MINERAL ANALYSIS. EDITED BY HENRY B. NASON. Philadelphia: Henry Carey Baird, 1871

First American edition. Nason was professor of chemistry at Rensselaer Polytechnic Institute.

12mo, orig. cloth. viii+13-315+24 pp with 48 text illus.


This is one of the non-technical titles which Baird inherited from E. L. Carey when he took over the business in Nov. 1849.

12mo, orig. cloth. 477+10 pp with an engr portrait.