

Trades and Careers: how-to-books for a variety of jobs

Farming

DAVY, Humphrey. **Elements of Agricultural Chemistry, in a course of lectures ..** London, by Bulmer for Longman &c 1813. Quarto, uncut in modern half calf; viii,324,lxiv,[4]pp, 10 plates (one folding). Some spotting or browning of plates, a scattering of spots elsewhere but quite a good copy. Au\$650

First edition. Several octavo editions followed - the form in which it found its way to the colonies and was soon reprinted in America - but this is the preferred edition.

BROOKS, C.P. **Cotton. Its uses, varieties, fibre structure, cultivation, and preparation for the market .. manufacture of cotton seed oil .. especial reference to cotton growing, ginning, and oil pressing in the United States.** NY, Spon and Lowell Mass, the author 1898. octavo illustrated green cloth (a little rubbed); 384pp and errata slip, folding map, folding table and 175 photo ills, wood engravings &c. Au\$175
Copiously illustrated at "considerable expense" and "one of the best illustrated textile books of recent years" says the author, and so it is. An excellent compendium of knowledge and practice in the American cotton industry at the end of the 19th century - and not uninteresting as a social document, recording, as it does, the working lives and conditions of 'white trash' or 'crackers' and blacks in the southern states. The author seems to lament the passing of slavery: 'the hardworking, civil, virtuous, well trained 'auntie' and 'uncle' of 'befoh the wah' times is fast disappearing .. and their place is being taken by an undesirable class of lighter coloured, lazier, and more thriftless colored people'.

SOUTHEY, Thomas. **A Treatise on Sheep, addressed to the flock-masters of Australia, Tasmania, and Southern Africa .. means by which the wool of these colonies may be improved, ..** London, Smith, Elder 1840. Octavo publisher's cloth (neatly rebacked); iv,118pp & errata slip. Some browning but a pretty good copy. Au\$675

DOUGLASS, Arthur. **Ostrich Farming in South Africa. Being an account of its origin and rise; how to set about it; the profits .. how to manage the birds .. diseases and difficulties ..** London, Cassell & Silver & Co. [1881]. octavo, excellent in publisher's blindstamped cloth; viii,251pp & publisher's list, folding map & eight wood engraved plates (four double page). Occasional light spots or browning but a fresh, unused copy. Au\$225

The bible for the industry, by the man who claims to be the first professional ostrich farmer - at this time 14 years in the business and quite famous, Trollope came to see him during his South African sojourn. Douglass does allow that others may legitimately challenge his precedence but he did patent the first incubator for ostrich eggs, which spurred the industry, and he is sanguine that ostrich feathers will never go out of fashion, chiefly because they form an integral part of court dress. One of the plates (from photographs taken a few years earlier and published in the 'Illustrated London News' in 1878) is a view of Heatherton Towers, his farm. And indeed Heatherton Towers is flanked by two hulking turreted towers which stretch up at least one and a half storeys above the landscape.

GALE, Albert. **Australian Bee Lore and Bee Culture .. influence of bees on crops and the colour of flowers and its influence on bee life.** Sydney, Brooks 1912. Octavo publisher's cloth; 313pp, numerous ills. The odd spot, an excellent copy. Au\$210

Run up largely from his articles in the NSW Agricultural Gazette, giving a history of the introduction of bees to the colony and practice gained from "research and life-long observation".

LOCK, C.G. Warnford [ed]. **Tobacco: Growing, Curing, & Manufacturing. A handbook for planters in all parts of the world.** London, Spon 1886. octavo half gilt morocco; x, 285pp, 31 ills. Ex parliamentary library with their gilt crest on the front board and incorporated into the spine, no other markings; an odd spot, corner torn from rear endpaper; still a very good, handsome copy. Au\$190

BATERDEN, J.R. **Timber.** London, Constable 1908. octavo publisher's cloth; x,351pp & publisher's list, ills & photos through the text. Ex parliamentary library with their gilt crest on the front and stamp on the title but an excellent copy. Au\$110
One of the Westminster Series. A world wide survey.

MICHIE, Christopher Young. **The Larch: a practical treatise on its culture and general management.** Edinburgh, Blackwood 1882. octavo half gilt morocco; xii,284pp, 4 plates (three of these are photographs in an unnamed process), folding table. Ex parliamentary library with their gilt crest on the front board and incorporated into the spine, no other markings, a few spots, a very good copy. Au\$110
First edition and as far as the author is aware the first book on Larches by a practicing forester.

Fishing and Whaling

BALDAQUE DA SILVA, A.A. **Estado Actual das Pescas em Portugal, comprehendeno a pesca maritima, fluvial e lacustre em todo o continente do reino ..** Lisbon, Imprensa Nacional 1891. large octavo contemporary half calf; decorative wrappers bound in (the front wrapper dated 1892); xxxiv,520pp, 104 colour plates, folding map, numerous wood engraved ills through the text. Offsetting of some of the chromolithographic plates, approaching minor damage in a couple. A rather good copy. Au\$800

The definitive text on the fish and fisheries of Portugal; marking as well the reformation of fisheries and the introduction of the idea of conservation.

SCAMMON, Charles M. **The Marine Mammals of the North-Western Coast of North America, described and illustrated; .. with an account of the American Whale-Fishery.** San Francisco, John H. Carmany 1874. quarto contemporary half morocco; 320,vpp, 27 litho plates (6 folding, these mounted on linen at the time of binding), ills through the text. Ex parliamentary library with their gilt crest on the front boards and incorporated into the spine, not marked inside; foxing but a handsome copy. Au\$2,000

A handsome book, in its way a sophistication of a cave painter's delineation of his prey. Here Scammon - a whale and seal hunter - has turned naturalist, creating a modern scientific and historical monument with such care that a few of the illustrations show an almost transcendental love of what is, or soon will be, a product. At the end is a whaling vocabulary and an inventory of stores for a first-class whale-ship for a Cape Horn voyage.

Food and Drink

JOHNSTON, John. **The Australian Handbook of Meat Inspection.** Melbourne, Robertson 1914. octavo publisher's cloth; 195pp, ills, two folding plates of abattoir plans. Au\$150

First edition; the standard text and often reprinted. A presentation from the author to an important contributor, J.W. Mellis, the illustrator and amanuensis of the book and a Melbourne meat inspector; with corrections, additions and annotations to the text. An important book in the modern history of food technology, hygiene and public health.

LAERNE, C.F. van Delden. **Brazil and Java. Report on Coffee-Culture in America, Asia and Africa, ..** London, W.H. Allen 1885. Octavo publisher's cloth; xii,637pp, 3 litho plates, 2 maps, 2 folding diagrams, 2 large folding maps at the end. Some foxing but quite a good copy. Au\$650

A first hand investigation for the Dutch Minister of Colonies. Not limited to production, there are extensive background reports, from geological and geographical to political; economic histories and conditions, slavery, labour, railways, &c &c.

DENMAN, James L. **The Vine and its Fruit, .. the production of wine: .. an historical and descriptive account of the grape, its culture and treatment in all countries, .. discourse on wine.** London, Longman Green 1864. octavo half calf (a bit scuffed); xii,346pp. Ex parliamentary library with their gilt stamp on front board, no other markings. Some browning at the very ends, a rather good copy. Au\$500

First edition of this world-wide survey.

HUSMANN, George. **American grape growing and wine making. With several added chapters on the grape industries of California. Fourth edition, revised and rewritten.** NY, Orange Judd 1896. octavo gilt decorated cloth; viii,269pp, ills through the text. Ex parliamentary library with their gilt crest on the front board and a couple of inoffensive stamps but a very good, bright copy. Au\$250

Revised and brought up to date throughout.

THUDICHUM, J.L.W. & August DUPRE. **A Treatise on the Origin, Nature, and Varieties of Wine: being a complete manual of viticulture and oenology.** London, Macmillan 1872. octavo modern half morocco; xxxiv,760pp, colour map & 86 ills (some full page).

Scattered spotting but a pretty good copy. Au\$900

An "exhaustive treatise" as Thudichum himself later labelled it (he reworked it into a smaller form twenty years later) which became one of the standards of the industry throughout the world.

MacCARTIE, J.C. **A Handbook for Australian Brewers.** Melbourne, Lawrence & O'Farrell [1884]. Octavo cloth; 88pp. Some light spotting but a very good copy. Au\$585

I suspect this of being the first Australian brewer's manual, I can't trace anything earlier, but the laconic brewer doesn't offer the usual help pioneer authors give us with claims of precedence. Here his two sentence preface states that he endeavours to "point out certain defects in Colonial Brewing" and that the book is based on articles for the Australian Brewers' Journal. Towards the end ire gets the better of him and he fulminates against the state of the trade, the fierce competition pushing down prices and allowing "disreputable hotelkeepers" not only to stay in business but to be wooed by jealous breweries. Lastly, we should admit that the first Australian brewers' book is written by a New Zealand brewer.

TIZARD, William Littell. **The Rationale of Malting, a description of the actinic and cylindrical principles, ... some recently discovered processes ... wood-engravings of novel machines, utensils, and apparatus. Also, explicit descriptions and explanations of their respective uses, merits, and prices.** London, Sold by the Author [c1860?]. Quarto publisher's blindstamped cloth (a little bumped and rubbed); 110pp, wood engraved illustrations. Rather a good copy. Au\$385

This seems quite rare. Part announcement of new invention, part monograph, and part trade catalogue - a fair amount is given over to Tizard's own machines and publications and those for which he is sole agent. Tizard was responsible for one of the bibles of mid 19th century brewing, the substantial 'Theory and Practice of Brewing' (1843 and here advertised in its fourth edition, 1857), but while that and a couple of his other books are readily found in library catalogues around the world this book is remarkably elusive.

Architecture, Planning and Building

BARTOLI, Cosimo. **Del Modo di Misurare le Distantie, le superficie, i corpi, le piante, le provincie, le prospettive, & tutte le altre cose terrene, che possono occorrere a gli huomini, secundo le vere regole d'Euclid, & de gli altri piu lodati scrittori.** Venice, Francesco Sanese 1589. small quarto 18th(?) century half vellum; 145,[3] leaves, elaborate woodcut title, medallion portrait of Bartoli, numerous woodcut ills, diagrams, 2 folding plates, tables. Occasional spotting, a very good copy. Au\$4,000

Second edition of this handy book on surveying, measuring, and perspective demonstrating the quadrant, astrolabe and compass, particularly relative to architecture. Kemp (in *The Science of Art*) points out that the methods of triangulation and instruments described here are still in 'essentially their mediaeval form' though the instruments were 'mediaeval instruments of considerable elaboration and precision'. First published in 1564 this edition uses the same wood blocks and the famous woodcut title which Sanese used for Alberti, Vitruvius and other architectural books. Bartoli's reliance on Alberti is natural enough as he was the translator of several of his books but he hasn't neglected many sources, classical or modern.

Best known now as a preceptor of Alberti's theory, Bartoli himself is deserving of more attention. He crops up everywhere in Florentine history, as academician, linguist, music historian (and as an instrument maker in one reference I found), provost of the baptistery, and as architect of the now 'four star

accommodation' of Hotel Palazzo Ricasoli. Whether Bartoli would be pleased that his building has survived at all is hard to guess and you will understand why if you look at the images of the Palazzo which are easily found on the internet.

BLONDEL, Francois. **Cours d'Architecture Enseigne dans l'Academie Royale d'Architecture.** Paris, Lambert Roulland 1675-83. Two volumes folio contemporary calf (rebacked); engraved frontis; engraved titles to parts II-III and IV-V, folding plate here bound at the beginning of part II, engraved ills throughout (many full page - in part I they are numbered as plates on separate sheets though they are included in the pagination). Errata leaves for parts two to five bound in halfway through book five. Front fly with a repaired tear, a few leaves with a marginal stain, some smudges and sign of use, a pretty good copy. Au\$9,000

First edition; five parts, with a gap between the first and the rest. The first complete account of official academic teaching, the classical stance and at first glance the conservative side of the Perrault-Blondel dispute in architecture. This becomes complicated though as Blondel's innate proportion (as against Perrault's custom - heredity v. upbringing) was the more flexible and less mechanical and Blondel himself more flexible and determinedly modern. His engineering career informs the later parts of the book but the planned course on materials and construction was never finished. With the bookplates of Francis Leigh and George John Vulliamy. Vulliamy, son of architect Benjamin, was a pupil of Barry and hit his professional stride as superintending architect for the London Board of Works. Probably his best known work is the pedestal and sphinxes for Cleopatra's Needle.

LE CLERC, S[ebastian]. **Practical Geometry: or, a new and easy method of treating that art.** London, for T. Bowles 1727. Small octavo panelled calf (spine worn but solid enough). Some signs of use but an attractive copy. Au\$900

Called the third edition but this would seem to be from the third French edition, this is probably the first English edition and escapes all the usual authorities who cite later editions. A delightful and successful book aimed mainly at the education of architects it remained in use for a century. The geometric exercises are set within elaborate borders or float above exotic landscapes and figures, many of them borrowed from Callot and in turn borrowed by others (Sturt used these to decorate his English edition of Pozzo).

NICHOLSON, Peter. **The Student's Instructor in Drawing and Working the Five Orders of Architecture. Fifth edition, considerably augmented and improved.** London, for J. Taylor 1823. Octavo (original?) sheep (neatly rebacked, corners worn); viii,,39pp and 41 engraved plates. Some spotting or browning but quite a good copy. Au\$400

Like all of Nicholson's books this was useful and successful; first published in 1795 with six or seven editions over the next 50 years. It remained essentially unchanged after the third edition of 1810 and formed a centrepiece of a builder's or provincial architect's library - particularly in such far-flung places as Ireland and the colonies (John Verge owned a copy of this edition - now in the Historic Houses Trust - it is just about the only book known to survive from his library); and there was at least one American edition in the thirties. At the end are three designs for doorcases.

LOUDON, J.C. **An Encyclopaedia of Cottage, Farm, and Villa Architecture and Furniture;** London, Longman ... Howe, Sydney; and Melville, Hobart Town 1833. stout octavo 19th century half calf, spine elaborately decorated in gilt; xx,1138pp; hundreds of illustrations, many on litho plates; bound without the half title. Endpapers spotted, some light spots elsewhere but a very good, rather handsome copy. Au\$1,300
First edition, bound from parts (it was issued in parts beginning in April 1832). The lithograph plates were replaced with wood engravings early on and copies of the first edition may have lithographs (either printed on both sides of the sheet, as here, or on one side only), wood engravings or a mixture of both.

I'm not sure whether Loudon worked himself to death or whether he worked in a race against death - whichever it was he was prodigious in circumstances that flabbergast me (crippling arthritis, right arm amputated, lung cancer and so on). As a progressive utilitarian he was indefatigable in gathering practical examples of sensible modern technology that could be of use for the improvement of mankind but he begins this book with a note of almost religious fervour. His task is, he says, to unveil the ancient mysteries that most professions - and architects particularly - guard for themselves. 'It is in the nature of all knowledge held as a mystery, to remain in a great measure stationary ... hence the very slender progress that has been made in architecture'. With the art of printing and the use of the steam engine will come a time when 'all knowledge will be common to all mankind'. He is quite specific that this is a book for both hemispheres and, apart from being the first architecture book with an Australian imprint, there can be little argument that this was the most important architectural book for Australians for most of the century.

EYLAND, Edward S., Francis LIGHTBODY & Robert Scott BURN. **Working Drawings & Designs in Architecture and Building; with essays on various subjects.** Edinburgh, Fullarton [c1863?]. large folio half calf (neatly rebacked with the original spine preserved, cloth on the sides shabby); [232]pp, 55 plates (54 double page). A stain in the top of the gutter of many plates, some other signs of use but solid enough; by no means the worst copy I've seen. Au\$1,450

This huge lump of Victorian practicality and thoroughness is a book from which, armed with reasonably competent tradesmen, one could build to the last detail a complete town, provide water and gas, drain and sewer it, warm it, ventilate it, and connect it to the outside world with bridges. In and around the town can be built farms (farmhouses, barns, stables, greenhouses &c), industries (gas works, cotton mill, machine factory, tile works, brewery &c), shops, working men's houses, villas for the middle classes, schools, warehouses, market sheds, but no church; all with details down to windows, doors and moulding profiles. The text provides a thorough grounding in all this, from specifications and materials to taste and decoration, adds a glossary of terms and takes a look at the 1862 exhibition. Scott Burn was the general editor of this and produced a similar book around the end of the decade with which this is sometimes confused. They overlap but the focus is different and both are worth having.

[MIZHUEV, Pavel Petrovich]. **[In Russian] Xozjajstvennyj Stroitel [Economic Construction]. Volumes 3 and 4 (Parts 25 to 48).** St Petersburg 1880-81. Two volumes folio (38x30cm), loose as issued in publisher's cloth portfolios; pp423-828, 56 lithograph plates of which 43 are colour, illustrations through the text. A few spots but a very good set. Loosely inserted is a large, and appealing, illustrated broadsheet advertisement for the engineering firm of N.P. Melnikov. Au\$3,500

Two complete years of this monthly architectural and building journal for the Russian landed gentry. Edited by Petersburg architect P.P. Mizhnev it ran from 1878 to 1884 or 85 (it has been difficult to find any definite record). A captivating melange of rural construction ranging from small rustic bridges to fairly grand buildings, it includes a floating laundry, a travelling mill (a boat with connected millwheel and outrigger), various farm buildings (stable, icehouse &c) and some celebratory or recreational buildings: these include a couple of lavish pavilions and a bathing shed with privacy screens for women to bathe in the river (a decorative men's lavatory might be classified as recreational rather than utilitarian?). Most of the colour plates include a view of the finished building populated with workers, inhabitants or visitors, depending on the structure, along with plans, elevations and details. Many of the articles are signed, as are many of the plates and renderings, an invaluable aid for further research.

HADDON, Robert . **Australian Architecture. A technical manual ..** Melbourne, Robertson [1908]. Octavo publisher's red cloth blocked in gilt and black; [6],544pp and eight leaves of advertisements, 94 plates (one colour). An outstanding copy. Au\$1,350

The first true Australian architecture book. Before this we have some trade and technical literature (such as Nangle's Building Practice and Mayes' price books), some government reports and scattered papers. Despite Haddon's approach (a textbook rather than pattern book), his examples, which are generic in presentation, can easily be traced to his own projects - domestic, commercial, churches, hospitals and shearing sheds. His city office in this book, for example, is a close relative to his Fourth Victoria building in Collins Street, Melbourne. His work was modern, very much Arts & Crafts (or Federation if you like) at this period and he argues for a specific response to local conditions and materials and demands a modern, honest use of materials. Being a pioneer of Australian architecture Haddon was, of course, English born and trained, but not all his designs hark back to English antecedents; the colour plate here shows a city building owing a dramatic debt to Moorish Spain (and some fairytale castle) and his design for the Swinburne College building appears to be part Spanish mission and part Mesopotamian. I have seen copies of this book in dark green cloth and red cloth and it is clear that this red cloth is a secondary binding. The publishers have discarded the first and last gatherings of advertisements before binding which would indicate that, despite healthy regard for Haddon as a draughtsman, designer and teacher, and despite the shamefully overdue need for a local treatise, his book was no bestseller. Obviously it took some time for this first edition to sell and it was never reprinted. The copies that were sold, though, were used and re-used; it is hard to find any copy (in either colour cloth) in decent condition.

SULMAN, John. An Introduction to the Study of Town Planning in Australia. Sydney, Govt Printer 1921. foolscap folio publisher's cloth; xvi,256pp, numerous plates, plans, maps, ills (several folding). A very good copy. Au\$725
The only edition; 500 copies were produced with 250 subscribed. Based on his lectures this was the bible of Australian planning and the swansong of what could be called the Golden Age. It probably remains the centrepiece of any planning library. Appended are three of his pioneering papers: The Laying Out of Towns (1890); The Improvement of Sydney (1907); The Federal Capital (1909).

ISHII, Usaburo [?]. [in Japanese] Shinsen taisho hinagata taizen [more or less: A New Edition of Complete Patterns for Master Craftsmen]. Osaka 1910. Six volumes small quarto by size, publisher's embossed wrappers (title labels not on the first three volumes, some fairly minor chomping of the wrapper of the first volume); illustrated throughout. Au\$850

I believe this was first published in 1897 and there was, as well as this 1910 complete edition, a much reduced version in two volumes - these should not be confused. An excellent builder/architect's pattern book, published just at the time when there was both a cultural argument and a government led reaction against the wholesale importation of western architecture into Japan; this particular book bridges the confrontation between a nationalistic return to ancient temple forms and the fervour for modernisation. Two thirds of this book is traditional Japanese design, structure and carpentry but the last two volumes introduce western building designs and, in the details, western building methods. Here nuts, bolts and metal brackets replace traditional carpentry and forms in masonry are described. In the last volume are a series of profiles of mouldings, architectural hardware and fairly elaborate gates, fences and entries in western styles.

At this time architecture itself was an innovation - the first generation of trained architects were beginning to replace the craftsman, until then designer and builder. But the Imperial Palace was not built to the designs of any of the western or western trained architects who submitted designs; it was built by the Imperial Carpenter, who then went on to teach many of these young, new architects then, in turn, responsible for the resurgence of Japanese historicism.

NANGLE, James. Australian Building Practice. A Treatise .. Part I. Melbourne &c, Robertson 1900. octavo publisher's cloth; [8], 186pp, numerous ills through the text. Some spotting at the ends but quite a good copy. Prize label for quantity surveying to, and stamp of, William Banks of Glebe. Au\$600

This was Australia's first building manual and this is the first of the four or five editions that spanned the next half century or so and is quite rare (and somehow missed by Ferguson).

Bricks & Masonry

BAKER, Richard.T. **Building and Ornamental Stones of Australia.** Sydney, Technological Museum 1915. Oblong quarto publisher's printed stiff wrapper; 169pp, numerous ills, many colour. Au\$100

BURN, Robert Scott. **The New Guide to Masonry, Bricklaying and Plastering. Theoretical and practical.** Glasgow &c, M'Gready [187-?]. quarto publisher's half morocco (a bit rubbed); extra illust title, xii,440pp, 160 plates. An uncommonly good copy. Au\$600
The standard mid-Victorian text, up to date and solid like all of Burn's books.

LLOYD, Nathaniel. **A History of English Brickwork. With examples and notes of the architectural use and manipulation of brick ...** London, Montgomery and NY, Helburn 1925. quarto publisher's gilt cloth, in a torn and chipped but substantially complete dustwrapper; xvi,449pp including some 397 photo plates and 43 plates of measured drawings, profiles, diapers &c (several folding). The edge of one leaf has been rumped. Au\$400
First and best edition.

[NICHOLSON, Peter] & [ELSAM, Richard]. **Practical Masonry, Bricklaying, and Plastering, both plain and ornamental; ... arches, domes, groins, niches, stairs, columns, &c ... walls, bridges, tunnels, light-houses, &c. ovens, furnaces, &c. The formation of mortars and cements; ... slating, plumbing, glazing, &c. &c. and a full description of the various materials employed in all these arts.** [bound with] **The Practical Builder's Perpetual Price Book; ..** London, Thomas Kelly 1847; & n.d. Quarto, the two together in contemporary marbled calf (front board detached and a fair bit of the spine missing; 60 plates in the first work (a few folding), numbered to 45 with several bis; seven plates in the second work. Plates spotted and with stains. Once a pretty grand binding, the spine elaborately gilt with the original owner's name in gilt: H.W. Gollop 1849. Au\$500

Late editions of both. This is a publisher's compilation; Elsam's price book has a section title and a compact leaf of contents and no other preliminaries. It is presumably the 1847 edition (the first was 1826) by which time the publishers had discarded or run out of one of the eight plates it originally had; it is now complete with seven.

Plaster and Paint

MILLAR, William **Plastering Plain and Decorative. A practical treatise on the art & craft of plastering and modelling .. tools, materials, processes and appliances .. "fine" concrete as used for fireproof stairs and floors .. historical plastering ..** London, Batsford 1897. Stout quarto publisher's cloth; xvi,604pp & illust adverts; 52 plates, 231 ills & plans through the text. A few signs of use but a good solid copy. Au\$800

First edition. This is probably still the best trade manual for plasterers. I think only the first two editions (which are virtually identical) have the recipes appended. There were at least two more editions but certainly the fourth (1927) is a very different book.

[Catalogue - Paint]. Thos. Parsons & Sons, London. **A Few Suggestions for Ornamental Decoration in Painters' and Decorators' Work. Compiled by F. Scott Mitchell.** London, Parsons 1909. octavo red gilt cloth; 176pp, illustrated throughout, 35 colour plates and 46 colour chips of various paints mounted on four leaves. A splodge on the foredge but an excellent, bright copy. Au\$450
A reasonably lavish little pattern book cum trade catalogue with a plethora of ornamental detail in many styles and several renderings, mostly of interiors done with Parsons' paints. Second edition; I can find no record of a first edition.

PEARCE, Walter. **Painting and Decorating.** London, Griffin 1898. Octavo publisher's cloth; xviii,312pp & publisher's list, 4 chromolitho plates of interior decoration, numerous ills through the text. A very good copy. Au\$225
First edition of this standard text for house painters and decorators, still Victorian but not untouched by Art Nouveau. With chapters on the philosophy of house painting, workshops, brushes and materials, paper hanging, colour mixing, staining, varnishing, graining and marbling, signwriting, various forms of decoration, colour theory and a last chapter on coach painting.

JENNINGS, Arthur Seymour. **Paint & Colour Mixing. A practical handbook for painters, decorators, paint manufactures, artists, ..** London, Spon 1921. octavo publisher's cloth; x,243pp & some adverts, heaps of mounted chips on 14 plates, ills through the text. An unusually good copy. Au\$225
Sixth edition, revised. The title claims seventeen plates but that is a hangover from the pre-war edition and this is complete with fourteen - I think there is variation of the last plate of watercolour tints between copies of this edition. Here 'all the plates are new and some of the text has been enlarged and re-written.'

Carpentry and Cabinet Making

BAKER, Richard T. **The Hardwoods of Australia and their Economics.** Sydney, Govt Printer 1919. Largish quarto publisher's blindstamped cloth; 135 colour, numerous photo ills. A paper flaw to one margin but a very good copy in the more handsome cloth binding. Au\$400
Chapters on uses in building, interiors, furniture, shipbuilding, carriage building, bridges, paving, &c.

BAKER, Richard.T. **Cabinet Timbers of Australia.** Sydney, Techn. Museum 1913. oblong quarto publisher's cloth; 186pp. 68 colour plates, hundreds of photo ills. One corner a bit bumped but a rather good copy. Au\$750
Still the bible of Australian timbers - it supplies colour plates of timber grains, properties and uses, illustrated by examples of cabinet work and interiors.

NICHOLSON, Peter & Michael Angelo. **The Practical Cabinet-Maker, Upholsterer, and Complete Decorator.** London, Fisher [1826-27?]. Quarto contemporary half gilt calf (rubbed but solid and handsome enough) with the binding ticket of W. Walker of Hammersmith; extra engraved title, 22 plain plates in the first (drawing) section; 35 handcoloured plates and 44 (of 45) uncoloured plates of designs. A few spots and

signs of use but a rather good copy; the missing plate - a design for a gothic chair - was never in this copy (curiously, Archer misses the chair in his description of the book, noting that 'just four designs are Gothic' and lists the other four). With the signature of George Best (see below). Au\$1,750

This first appeared in parts and this copy seems to be an early issue; the plates that are on watermarked Whatman paper are dated 1825 and it seems pretty sure that the book was in northern Tasmania by 1834. There were two George Bests in the same area and either make for a good association. One George Best arrived in Tasmania in the 1820s, was a wheelwright, undertaker and, later, timber merchant in Westbury near Launceston; the other George Best, arrived in Launceston with his own family and his brother David, a builder, at the beginning of 1834.

The previous owner authoritively claims this copy came from the wheelwright of Westbury; I'm inclined to suspect that the history of the Bests has become muddled but it hardly seems to matter. A couple of pencil notes indicate that this was studied for practical use and it makes sense that a wheelwright and undertaker (presumably a coffin-maker) would turn his hand to furniture. It also makes sense for a family in the building trade to have and use a copy so it doesn't seem far fetched to claim that some, at least, of the Nicholson inspired furniture of colonial Tasmania came out of this copy.

SPANNAGEL, Fritz. **Der Möbelbau ein Fachbuch für Tischler, Architekten und Lehrer.** Ravensburg, Otto Maier 1936. quarto publisher's cloth (spine ends worn); 352pp, numerous photo ills, diagrams and plans. Spotted at the very ends, a bit used but a solid copy. Au\$150
A useful and proper guide to cabinet and furniture making in all its aspects.

RIDDELL, Robert. **The Carpenter and Joiner, Stairbuilder and Hand-Railer.** London, Jack (successors to Fullarton) [c187-?]. largish quarto half calf (rebacked); 124pp, 58 plates (1 folding, plus the added tinted litho "Dignity of Mechanics Arts") & four cardboard models slotted for movement. Au\$430

One of the most successful carpentry books of the period but getting harder to find in good shape.

Ceramics, Tiles

FURNIVAL, William James. **Leadless Decorative Tiles, Faience, and Mosaic .. history, materials, manufacture and use of ornamental flooring tiles, .. recipes for tile-bodies, and for leadless glaze and art-tile enamels.** Staffordshire, the author 1904. large thick octavo publisher's cloth with inset illustration; xxiv,852pp; 37 plates (18 colour), numerous illustrations. Mild signs of use but an uncommonly good copy. Au\$800

Probably the definitive work on 19th century tile manufacture, this is an enormous compendium on the history and manufacture of decorative tiles. But, more importantly, this contains the results of years of research into ridding the industry of lead-poisoning. Furnival notes that almost 600 women and girls working in the manufacture of earthenware and china had died of lead poisoning between 1895 and 1898. With added contributions on tiles in China (by Bushell), in India (by Clarke and Marshall), and on designing (by Ambrose Wood).

SHAW, Simeon. **The Chemistry of the Several Natural and Artificial Heterogenous Compounds, Used in Manufacturing Porcelain, Glass, and Pottery.** London, printed for the author 1837. stout octavo later quarter calf (maybe mid 20th century); xlv, 685pp, addenda leaf, portrait; bound with blank leaves at the end of each section. Repairs in the gutter of the title and two leaves of subscribers; the portrait foxed, some other spots and minor flaws but a perfectly decent copy. Au\$1,350

From a notice seen in another copy of this we know that 250 copies were printed; it's quite rare. Fundamental in the progress of ceramics from a secretive art to a scientific industry, the list of subscribers gives some indication of the expectation that the industry had for the results of Shaw's researches; it starts with Spode and Copeland and runs through an impressive roll of manufacturers, colourers, and merchants.

Art

CHEVREUL, M.E. **The Principles of Harmony and Contrast of Colours, and their applications to the arts .. translated .. by Charles Martel [i.e. Thomas Delf]**. London, Bell 1887. Octavo modern half calf; xlvi, 465pp and publishers list, 15 colour plates and 3 folding engravings (one of these defective but complete, including the volvelle). Au\$250

A reprint of the third and definitive edition of this translation; this edition first appeared in 1859 and was kept in print until the first world war.

[Colour, painting and music]. FIELD, George & others. **A collection of six of Weale's Rudimentary Series: Rudiments of the Painters' Art; or a Grammar of Colouring by Field; On the Art of Painting Glass, or Glass-Staining by M.A. Gessert; An Essay on the Art of Painting on Glass by Fromberg; On Perspective for Beginners by George Pyne; On the Art of Playing the Pianoforte by Charles Spencer; A Rudimentary and Practical Treatise on Music also by Spencer**. London, Weale 1850; 1851; 1851; 1852; 1853; 1854. Six works 12mo, together in contemporary half calf (a bit rubbed); five of six plates in the first work (missing the frontispiece); 13 plates and other ills in the fourth work. A couple of pages pulling loose in the first work; some natural browning of the paper in the last work; front endpaper removed; still in all a very decent copy. Au\$400

Fourth editions of Pyne on Perspective and Spencer on Music. A good, if slightly curious, gathering; binding together Weale's series by theme is not all that uncommon but throwing painting together with music seems a liberal interpretation of art. With the book label of A.J.H. Goodwin, the South African archaeologist I'm pretty sure; if so, he is not the original owner of this compilation.

FENN, Amor. **Abstract Design. A Practical Manual on the Making of Patterns for the Use of Students, Teachers, Designers and Craftsmen**. London, Batsford 1930. Octavo publisher's decorated cloth; 202pp, 382 illustrations. Au\$100

MAI-MAI SZE. **The Tao of Painting. A study of the ritual disposition of Chinese painting, with a translation of the Chieh Tzu Yuan Hua Chuan or Mustard Seed Garden Manual of Painting 1679-1701**. London, Routledge 1957. Two volumes square quarto, very good in somewhat marked and frayed dustwrappers; 11 plates in volume 1, numerous illustrations in volume 2. Au\$350

MERRIFIELD, Mrs [Mary]. **Original Treatises, dating from the XIIth to XVIIIth centuries, on the Art of Painting, in oil, miniature, mosaic, and on glass, of gilding, dyeing, and the preparation of colours and artificial gems; .. introduction; with translations, prefaces, and notes**. London, Murray 1849. Two volumes octavo publisher's gilt cloth (a little chipped). Foxing but only of moment at the ends. Au\$650

RIFFAULT, VERGNAUD & TOUSSAINT. **A Practical Treatise on the Manufacture of Colors for Painting. Comprising the origin, definition of colors; the treatment of the raw materials; the best formulae and newest processes .. translated from the French by A.A.**

Fesquet. Philadelphia, Baird; London, Sampson Low 1874. Largish octavo publisher's cloth; xvi,17-660pp, wood engraved ills through the text. A bit used but a decent enough copy. Au\$475

Colour. **A Grammar of Color. Arrangements of Strathmore Papers in a variety of printed colour combinations according to the Munsell color system ..** Strathmore Paper Co., Mass 1921. small folio publisher's cloth backed boards (a couple of small bumps to edges); 28,[4]pp & 19 folded & slotted sheets of sample papers colour printed, ills in the text. Au\$250

A paper sample book elaborated into a treatise on colour theory - and a very attractive one - by a star cast: Munsell of course, who has contributed a preface, T.M. Cleland, Rudolph Ruzicka and Arthur Allen.

[in Japanese] Hyojun Shogyo Bijutsu [Standard Commercial Art]. [Tokyo?] 1932-3. Three volumes oblong quarto, publisher's light card wrappers printed in colour and silver; three preliminary leaves in each and 67 plates (22,23,22 in each). A fine set in publisher's printed card slipcase. Au\$800

This set of lessons in commercial art probably wasn't considered anything special when new, which may help explain its rarity now. It ranges from basics to highly finished examples of all sorts of commercial work. Commercial art in Japan meant much more than it does to us - so it goes from packaging, graphics, posters and advertising to shop architecture and display. A certain amount is the latest in French, German and occasionally British design but the best is of course Japanese. And a lot of it is exquisitely printed, in colour, silver and gold.

Engineering

BLIGH, W.G. Notes on Instruments Best Suited for Engineering Field-Work in India and the Colonies. London, Spon 1899. Octavo publisher's cloth (marked and a bit worn at the tips); [8],218pp, illustrations and diagrams through the text. Au\$100

An uncommon book; this introduces 'new instruments and methods of work'. Bligh had been the executive engineer for the Public Works Department in India and introduces some of his own instruments.

WARREN, William Henry. Engineering Construction. London, Longmans 1921. 2 volumes octavo publisher's cloth; numerous plans (a few folding), photo plates, diagrams. Au\$110

I: In Steel and Timber. II: In Masonry and Concrete. Third edition of the first volume, with an added appendix on Australian timbers (Warren's specialty); first edition of the second volume. The first has much on bridges, the second some more and a good section on dams. Naturally enough he uses some Australian examples (being professor of engineering at Sydney University). Part of Longman's solid Civil Engineering Series.

MAW, William H. & James DREDGE. Modern Examples of Road and Railway Bridges; illustrating the most recent practice .. in Europe and America. London, Engineering 1872. largish quarto half calf (scuffed and knocked but perfectly solid); iv,180pp, 94 wood engraved plates (several double page), other ills through the text. Early crest and stamp of the Royal Engineers Library, some foxing; on the last few pages are the remains of what appear to be clippings, these are blemishes rather than disfigurements; in all, a used but thoroughly decent copy. Au\$1,150

And a thoroughly practical book, not a word wasted on anything other than description and explanation. Some seventy bridges or related structures are described and illustrated - with plans, measured drawings and views - along with essays on wrought-iron arched bridges and Coignet's artificial stone. The borders of Europe and America have been stretched to include railway bridges at Penrith (NSW) and Cawnpore, a suspension bridge at Singapore, and the El-Kantara bridge in Algeria.

COLSON, C. Notes on Docks and Dock Construction. London, Longman 1894. octavo publisher's cloth (a little marked); x,426pp & catal.; 365 ills, plans, diagrams (some full page, 2 folding). Scattered spotting. Au\$170

First (only?) edition; one of the 'Civil Engineering Series' - always good books. This doesn't pretend to be an exhaustive treatise but notes from Colson's own observations and experiences covering a wide range and using world wide examples.

DU-PLAT-TAYLOR, F.M. The Design, Construction and Maintenance of Docks, Wharves & Piers ... second edition revised and enlarged. London, Benn 1934. quarto, very good in dustwrapper; xxviii,521pp, 481 photo ills, plans, elevations, sections &c (some folding). Au\$150

First published in 1928. The depression quashed the author's hopes of a complete revision; little new work needed to be recorded. Nevertheless updated with new material and the standard work of the period throughout the English speaking world. The examples are mostly British but have been drawn from everywhere except Australia.

POIREL, M. [Leopold-Victor]. Memoire sur les Travaux a la Mer, comprenant l'histoire des ouvrages executes au Port d'Alger ... Paris, Carilian-Goeury & Dalmont 1841. Two volumes quarto publisher's printed wrappers; I; text; xii,152pp, II; plates: [4]pp and 18 double page engraved plates. General foxing of the text, much less so of the plates; spines chipped and front wrappers detaching but a respectable pair in a modern cloth drop-back box. Au\$750

Poirel was the port engineer in Algiers and here describes the rebuilding of the harbour breakwaters which pioneered the use of cast concrete blocks made on site. With full and satisfying details of the project and the casting and placement of the blocks. Poirel is also known, and perhaps should be better known, for making possible Delacroix's admittance into a harem - commemorated in his 'Women of Algiers in their Apartment'.

RENNIE, Sir John. The Theory, Formation, and Construction of British and Foreign Harbours. London, Weale 1854. 2 volumes large folio half morocco (scuffed & scraped but solid and handsome enough); [4],x,324pp, portrait & 122 plates (with a couple of anomalies in numbering). Browning or spotting of plates, an intermittent stain along the top edge but a good set, neglected rather than used and worn. Au\$6,000

The first and probably the greatest comprehensive book on ports and harbours, the culmination of two generations of experience (Rennie draws on his own and his father's papers). 'I have endeavoured to select a series of examples from almost every country, from the earliest dawn of civilization to the present day. Each example is complete in itself, and is accompanied by a statement of the geological and geographical features .. the state of the place before any works .. the history of the various works .. the effect of them .. where they have failed, the causes of failure are explained, and, as far as circumstances will permit, the remedy best adapted to the nature of the case is pointed out' (preface). His account of the Bell Rock Light House gently rebukes Stevenson for his failure to acknowledge the elder Rennie's part in its design and building.

SHIELD, William. **Principles and Practice of Harbour Construction.** London, Longmans 1895. octavo publisher's cloth; xiv,299pp, 97 ills & plans. Ex parliamentary library with their gilt crest on the front and stamp on the title, some spotting at the very ends but quite a good copy. Au\$110
Longmans Civil Engineering series.

STEVENSON, Thomas. **The Design and Construction of Harbours.** Edinburgh, Black 1864. octavo blindstamped cloth; vi,189pp, 10 plates, ills through the text. Inoffensive library stamp on the title, foxing, but a pretty good, unused copy. Au\$200
First edition, based on his article for the Encyclopaedia Britannica and one of the best regarded texts of the period.

WHEELER, W.H. **Tidal Rivers, their (1) Hydraulics (2) Improvement (3) Navigation.** London, Longman 1893. octavo publisher's cloth (a bit marked); viii,467pp, 75 ills, plans (two folding). Au\$110
First edition; Civil Engineering Series. An historical account precedes solid treatment of technical detail and principles, discussion of the requirements of navigation, buoying and lighting, surveying, the use of working tidal models (a recent innovation) and examples of river improvements around the world.

HUMBER, William. **A Comprehensive Treatise on the Water Supply of Cities and Town, with numerous specifications of existing waterworks.** Chicago, Frost 1878. folio publisher's half morocco (rubbed); xiv,298pp, colour litho frontispiece, 50 double page plates, numerous ills in the text. Used but a good solid copy with faint signs of some waterworks on the spine. Au\$800
First American edition. A rather grand book, the best English treatise of the period and a standard text throughout the English speaking world. The examples are mostly drawn from England and Scotland with excursions to Bombay and Ireland.

SCHUYLER, James Dix. **Reservoirs for Irrigation, Water-Power, and Domestic Water Supply .. various types of dams .. methods and plans of their construction.** NY, Wiley 1902. largish octavo publisher's cloth; xviii,414pp, 180 photo ills, plans, maps (some folding), 25 folding plans at the end. A few marks. Au\$100
First edition, first thousand though it would appear that copies exist dated 1901. Based on an 1896 paper surveying the dams and reservoirs of arid western America and organised by type: rock fill, masonry, earthen, natural reservoirs &c.

Railways

EASTON, Alexander. **A Practical Treatise on Street or Horse-Power Railways: their location, construction and management; ..** Philadelphia, Crissy & Markley 1859. Octavo contemporary flush-cut roan (edges worn, crudely rebacked with cloth); vi, 139pp, 24 plates. Bound without adverts but with a quantity of blank leaves (see below). Some library stamps, unsightly outside but remarkably unfoxed inside. Au\$600
A pioneering book by one of the pioneers; Easton took his system to Toronto the year following this and established Canada's first streetcars. European systems also used Easton's suggestions and the book was widely circulated and used (the NSW Parliamentary Library owned a copy and Sydney's first tram or streetcar ran in 1861 and, to our shame, the last ran in about 1961). This is an interesting copy, a fair quantity of blank leaves are bound after the book and

on several pages are technical data and details of Pennsylvania's rail systems in 1860 and 1861; obviously someone with a close connection but unfortunately I have no clue whose copy it was.

HASKOLL, W. Davis. **Railway Construction, Second Series. Also Railways in the East, and generally in high thermometrical regions.** London, Atchley 1864. 2 volumes quarto, publishers blindstamped cloth (one spine repaired); iv,201pp, 91 plates (most folding). Some spotting but quite a good copy. Au\$1,100

Despite the misleading title this is a re-issue of 'Railways in the East', published the year before, with a new title page. Why it was re-issued this way is puzzling. Essential for the engineer in Asia Minor; Haskoll's earlier work 'Railway Construction' laid out the principles. 'Railways in the East' applies the lessons, with chapters on labour and materials, a chapter specific to Turkey, tunnels, bridges, stations, docks and jetties, rolling stock, masonry, &c; illustrated from working drawings of executed works.

WEALE, John [ed]. **Ensamplers of Railway Making; which, although not of English practice, are submitted, with practical illustrations, to the civil engineer and the British and Irish public.** London, Architectural Library 1843. octavo blindstamped cloth (a little worn at the tips); viii,xlii,64,xvi,101pp, litho frontispiece, two maps, 24 folding plates, two folding tables, one engraving in the text. A little misfolding and some browning but rather a good copy. Au\$800

R.F. Isherwood supplies an extensive report on the Utica and Syracuse Railroad and E. Dobson likewise reports on the railways of Belgium. Railway building in England in the early 1840s was in poor shape and worse repute - depression and irrecoverable costs of construction being the main problems. The Utica and Syracuse railway is a salutary example of practical and economical building - it was built at a cost of 3,600 pounds per mile whereas the average English railway cost 30,000 pounds per mile. Some of the savings came from a patent excavator which is described and illustrated; more crucial was the use of timber bridges and much of this (and most of the plates) is devoted to various forms of these. Railways in Ireland did not yet exist and Weale saw their necessity as almost a moral imperative: 'it is no less .. than the duty of the gentry, mercantile and trading classes, to encourage a full development of her energies .. as the best means of securing to that portion of the empire a share of advantages to which they are justly entitled, but which they have never yet enjoyed'.

Mechanics

KNIGHT, Edward H. **The Practical Dictionary of Mechanics: being a description of tools, instruments, machines, processes, and engineering; history of inventions .. and digest of mechanical appliances in science and the arts.** London, Cassell &c [c1877]. 3 volumes quarto half calf (a bit rubbed); 2831pp, 75 plates (a few double page or folding), hundreds of ills through the text. Noticeably foxed but a good set. Au\$650

The English edition of an American work. Commonplace though they were, people like Knight are, or should be, now viewed with awe. An English emigré to America in 1845, quaker educated and trained in surgery and steel-engraving, he became a patent-attorney, graduating to being doyen of inventions at the U.S. patents office and was on the jury of several international exhibitions. By the time of this book he is described on the title page as 'civil and mechanical engineer, etc.'. His unalloyed enthusiasm for improvement is not without grounding, the re-invention of Pliny's reaping machine after some 1800 years is but one of his examples of lessons not learned, and he has devoted a 'reasonable share of space' to providing a 'mechanical evolution' of invention. Appleton's Cyclopedica records Knight as having the second heaviest brain on record, Cuvier being the winner.

COWEE, George Alvin. **Practical Safety Methods and Devices Manufacturing and Engineering**. London, Routledge 1916. octavo publisher's cloth; iv,434pp, 128 ills. Au\$100

[Catalogue - Service Stations]. Auto Omnia, Paris. **Catalogue General No. 24 "Service Station"**. The company [1929]. largish quarto flush cut boards with onlaid printed label; [8],472pp and a number of added inserts, hundreds of ills throughout. A very good copy. Au\$350
Everything for the well equipped service station from the smallest widget to a truck lift. Much is naturally of little interest to the non-mechanical but there are quantities of smart car accessories and fittings, from klaxons to hood ornaments, crystal scent holders (car perfumery is no new thing), cigar lighters and even a small Browning pistol for the absolutely complete motorist. A page of car enamel samples has miniature enamel car bodies pasted over the illustrated cars; there are stylish motoring fashions, picnic sets, and some fetching brake and indicator lights.

Coachbuilding

[Coach Painting]. **The Coach Painter's Handbook and Guide. By a coach painter of thirty years' experience**. London, Henry J. Drane [c1895]. octavo ochre cloth (a bit marked and the spine nibbled); 132pp and 6 pages of adverts. A closed tear in the frontispiece but a very good copy inside. Au\$250

Sponsored, at the very least, by varnish, paint and colour maker Conrad Wm. Schmidt (F.A. Glaeser) of London whose wares are urged whenever possible. This doesn't detract though from its value - it is very straightforward and practical.

The Coachbuilder Book of Designs (Second Edition). Comprising engravings of popular Australasian vehicles with tables of measurements. Sydney &c, Bishop 1909. quarto red gilt cloth (somewhat marked and blotched but in good shape and certainly very decent); 260pp, numerous engraved ills, photo ills and illustrated adverts (one being a mounted chromolitho). An odd light smudge, in all a very good copy. Au\$2,000

Second and better edition, much enlarged and including some motor cars. A very uncommon book, even more so in such good condition.

Fire Fighting

DOEHRING, W. **Handbuch des Feuerlosch-und Rettungswesen ...** Berlin, Paul Parey 1881. Two volumes half morocco (scuffed and worn but solid enough); an octavo text volume and an oblong quarto atlas of plates; text: xx,932pp; plates: title and 109 plates numbered to 103 with six bis. With the cancelled labels or stamps of the Scientific Library of the United States Patent Office and the Library of Congress. These markings don't extend past the title pages. Many of the plates are odd sizes, some smaller and some, a bit longer than the body of the book, have been folded; a few of these are ragged on the outer edges but on the whole the contents are in good shape, clean and fresh. The books show signs of neglect rather than use. Au\$1,500

An encyclopaedic approach to fire fighting and rescue; the world has been dredged for history (including ten plates from van der Heiden, 1735), facts, figures and the latest in methods and apparatus. The mere existence of 932 closely packed pages should convince you of Doehring's industry but in case there is any doubt we note that his table of recent theatre fires travels not only to Helena, Montana but records the burning of the Prince of Wales in Sydney, twice, and

the Haymarket and the Royal in Melbourne (what were the odds of a 19th century theatre goer surviving more than, say, ten shows?). Likewise the atlas is a panoply of invention and method. Doehring, Berlin's Government Architect also issued a handbook for the Berlin fire department in the same year as this; presumably using much of the same material in a much reduced form but either work seems extraordinarily hard to find. There is a touch of the fairy tale ending for this copy. The text volume was recently bought from a bookshop in the US and the plates from one in England. On their arrival, lo and behold, they were the matched pair, long parted and now reunited.

SHAW, Eyre M. **Fire Protection. A complete manual of the organization, machinery, discipline, and general working, of the fire brigade of London.** London, Charles and Edwin Layton 1876. octavo publisher's cloth; xiii,332pp and an illustrated 64 page 'Appendix of Manufacturers' and other Advertisements, having reference to Fire Protection', numerous ills and diagrams, a plate and a double page map. Some foxing at the ends but a rather good copy. Au\$1,650

Uncommon and essential in fire fighting history. As far as Shaw was concerned this was the first attempt in any language 'approaching to a complete or comprehensive scheme' to embody the essential principles and practice of fire fighting. In other countries printed manuals 'of some kind or another have been in use for many years .. but they are meagre in the extreme and .. altogether useless for the instruction of fire brigades charged with the protection of great commercial cities'. Shaw was of course responsible for the modern London fire department, in turn the model for fire departments around the world.

Fireworks

BROCK, A. St. H. **Pyrotechnics: the History and Art of Firework Making.** London, O'Connor 1922. Quarto publisher's yellow cloth illustrated in red (a little flecked); xvi,197pp, 30 plates and six coloured woodcuts of Japanese fireworks printed in Yokohama. Quite a good copy. Au\$500

This has long been hard to find. Brock was a sixth generation fireworks maker and records the explosion of one his ancestor's factories - which makes me wonder whether something happened to this book. It didn't I know.

BROWNE, W.H. **The Art of Pyrotechny: being comprehensive and practical instructions for the manufacture of Fireworks, ...** London, The Bazaar [1874?]. Octavo publisher's decorated cloth (a small ink splodge on the front hinge); 148, [8 adverts]pp; 170 illustrations through the text. A very good copy. Au\$750

First book edition, taken from Browne's series of articles in the Bazaar, with 'considerable alterations'. Closely packed expert instruction on the peaceful, pleasant aspects of pyrotechny but Dr. Browne does advertise he is prepared to 'undertake the scientific investigation of all explosive compounds for war, signal, mining, and pyrotechnic purposes.'

Saka Ichiryu & Arai Taizou. **[in Japanese] San-Shu-Ryu. Enka Seizou Hongen.** n.p. 1897. Manuscript book (125x165mm) cord tied; 54 double folded leaves of which 18 are blank, 26 ink sketches of firework patterns. Au\$650

A true pyrotechnist's work book. I'm told this book covers the class of fireworks based on vegetable shapes (vegetable, not flower or plant). The first printed Japanese book on fireworks (Risho) was not published until 1825, though there are plenty of earlier prints, and little else was printed until the twentieth century; the secrets of fireworks, like most trades, were handed on in manuscript books like this. Two of the illustrations are of daylight fireworks which instead of pyrotechnics contain weighted ballons and coloured clouds.

Electricity, Communication

The Practical Applications of Electricity. A series of lectures delivered at the Institution of Civil Engineers .. 1882-83. London, the Institution 1884. octavo half morocco; vi,181pp, folding map and folding plate of an electric railway carriage. Ex parliamentary library with their gilt crest on the front board and incorporated into the spine, no other markings; some foxing at the very ends. Au\$250
Preece on telegraphy; Bramwell on telephones, Siemens on transmission and storage of power, Hopkinson on electric lighting, Abel on explosive purposes and Sir William Thomson on units of measurement.

GORDON, J.E.H. A Physical Treatise on Electricity and Magnetism. London, Sampson Low 1880. Two volumes octavo publisher's cloth blocked in gilt and black; 52 plates (one colour, five folding), illustrations and diagrams through the text. Each volume with the small dispersal stamp of the Swedish Telemuseum but an outstanding, bright, fresh pair. Au\$600
First edition. Something of a practical companion to Maxwell - the physical rather than mathematical approach - with full 'actual experimental details' and 'drawings of the most recent instruments now in actual use'. Gordon had worked in Maxwell's laboratory as a student but his career turned increasingly practical; he was principal in an electric lighting company by the time of his somewhat premature death - he fell off a horse in 1893. His list of acknowledgments here is pretty star-studded: Maxwell of course, William Thomson, Crookes, Tyndall, Rontgen; he also appends a translation of a letter from Boltzmann giving his as yet unpublished mathematical theory of specific induction capacity.

SCOTT, Thomas. Reed's Electric Lighting for Steamers and its management. Sunderland, Reed [1901]. octavo publisher's cloth (a small flaw on one edge); 97pp and publisher's catalogue, 30 ills, one folding. A few spots but quite a good copy. Au\$75

LARNER, E.T. Practical Television with a foreword by John L. Baird. London, Benn 1928. Octavo publisher's cloth; 175 & [4 advert]pp; 13 photo plates, ills through the text. A very good copy. Au\$600
A full and fundamental treatment, still in the days when essential Baird experimental apparatus included a warm overcoat. Appended is a stop press announcement describing Baird's transatlantic transmission.

HUBBELL, Richard. Television Programming & Production. Murray Hills, N.Y. 1945. octavo, dustwrapper (frayed & chipped); 207pp, 53 photo ills, ills in the text. Au\$100
'To date, no one with extensive practical and theoretical experience has .. presented it in book form.' (preface). The literature shifts from how to transmit and see a picture to what to show and how to produce it. 'An interesting final chapter tells the story of British television. Many of the photographic illustrations were selected from the files of BBC before the originals were destroyed during the aerial bombardment'.

TYLER, Kingdon S. Telecasting and Color. N.Y. Harcourt Brace 1946. octavo, dustwrapper (this somewhat rubbed & frayed); 213pp, photos & ills (colour frontis.). Au\$100
Apparently the first book to match the magic of television with the promised magic of colour, though only three chapters are actually devoted to this.

NYSTROM, C.A. **Handbok i Telefoni**. Stockholm, Hokerberg 1885. Octavo illustrated wrapp; 168pp, numerous ills through the text. An inoffensive institution stamp; a rather good, unopened copy. Au\$600

One of the earliest Swedish books on telephony - early enough for anywhere in the world. Sweden, not surprisingly, took to the telephone quickly and whole-heartedly and by 1885 the still young Ericsson company was emerging as a serious contender to Bell in the manufacture of telephones; the apparatus of both companies is covered here.

Photography

HUNT, Robert. **Researches on Light in its Chemical Relations; embracing a consideration of all the photographic processes**. London, Longman &c, 1854. octavo publisher's blindstamped cloth (a touch faded); xx,396pp, folding frontispiece with some hand colouring, some diagrams through the text. Title a little browned by a note (see below); a very good copy. Au\$750

Second edition, largely rewritten to encompass the progress made in photography since the original edition, ten years earlier - and to claim his proper place as an original experimenter. Hunt's preface includes a defence against the label of 'compilation' visited on the first edition - his experiments began before the publication of the processes of Daguerre or Fox Talbot and have continued 'at no small cost, and with a large expenditure of thought'. The loosely inserted note alluded to above is to William Benson from a Furnivall (probably not Frederick James) offering him the long term loan of this book - though it probably wouldn't be needed for his forthcoming 'excellent' book on colour. This is probably Benson's Principles of the Science of Colour; 1868.

JOHNSON, George Lindsay. **Photographic Optics and Colour Photography, including the camera, kinematograph, optical lantern, and the theory and practice of image formation**. London, Ward 1909. octavo publisher's cloth; xi,332pp including several illustrated adverts; 14 plates (5 colour), numerous ills through the text. A corner snipped from the front fly, some foxing but not a bad copy. Au\$250

'No work exists dealing with the theory, construction, and practical working of the various classes of optical instruments' (preface) and Johnson has attempted to fill the gap. This, the first of a projected series on applied optics, describes the various cameras and lenses 'at present in use', discusses problems and gives 'abundant examples'.

VOGEL, Hermann. **The Chemistry of Light and Photography in their application to art, science, and industry**. London, Kegan Paul 1883. octavo decorated cloth; viii,280pp & publisher's list, 6 plates (five mounted photos on three of these), numerous ills through the text. A very good copy. Au\$280

Fourth edition, apparently unchanged since it first appeared in 1875; International Scientific Series vol XV. The frontispiece is a Woodburytype of the moon from Rutherford's original negative, the second photographic plate displays two new Talbottypes and the last two Albert-types.

Mining

EISSLER, M. **The Cyanide Process for the Extraction of Gold and its practical application on the Witwatersrand gold fields in South Africa**. London, Crosby Lockwood 1895. Octavo publisher's cloth; xviv,93pp and publisher's list, 1 folding plates (three are photo ills), other ills in the text. Some spotting, mostly at the very ends. Au\$100

First edition of what became a standard text, describing the Witwatersrand process which, according to Eissler, was the first successful application of the cyanide process.

GREENWELL, G.C. **A Practical Treatise on Mine Engineering.** Newcastle, Lambert; London, Spon 1870. 2 volumes quarto modern half morocco preserving the original cloth sides & marbled endpapers (edges a little worn); [8],255pp, 64 colour litho plates (all but three double page). A few spots, occasional useful pencilling; a quite handsome set. Au\$1,400

Second edition, much revised, rewritten and reconstructed to encompass progress since the first (1855) edition. Determinedly practical, Greenwell registers his gratification for works already laid out following his advice and reiterates that the instructions here can be 'safely followed with proper working results.' It is also a very pretty book, if a mining book may be called that. The plates, even those of strata, are appealing. Strata, fossils, machinery - all these work as graphic designs - as do particularly (believe it) some plans of coal workings.

JOHNSON, J.C.F. **Getting Gold: a practical treatise for prospectors, miners, and students.** London, Griffin 1897. Octavo publisher's cloth; xii,204pp & publisher's list, 50 illustrations through the text. Au\$175

First edition of this popular book (there were six editions over the next two decades); written by an Australian miner largely for an Australian audience. Among the more recondite information are tips on how to prevent theft at mills, how to set up a Northern Territory hammock and how to make serviceable bush soap.

JULIAN, H. Forbes & Edgar SMART. **Cyaniding Gold and Silver Ores. A practical treatise ..** London, Griffin 1904. octavo publisher's cloth; xx,405pp & publisher's list; numerous ills, diagrams & plans (35 folding). Some foxing mostly at ends and edges. Au\$120

Shipbuilding

ABELL, Sir Westcott. **The Shipwright's Trade.** Cambridge Univ Press 1948. octavo publisher's cloth; xiv,219pp, 20 plates, ills and diagrams through the text. An excellent copy. Au\$125

A technical history focusing, after a brief introduction on "early days", on English shipbuilding from Tudor times to the end of the nineteenth century.

CREUZE, Augustin F.B. **Treatise on the Theory and Practice of Naval Architecture ..** Edinburgh, Black 1851. quarto blindstamped cloth (the spine pretty worn); xvi,90pp, 15 plates (5 double page). A bit used, a few minor stains but a good enough copy. Au\$300

A separate printing of the article on shipbuilding from the Encyclopaedia Britannica. With the early inscription of N.C. Ferguson, a shipbuilder judging from his annotations on the front endpaper, of Port Adelaide.

KEMP, Dixon. **Yacht Designing: a treatise on the practical applications of the scientific principles ... illustrated with numerous drawings of celebrated yachts.** London, The Field 1876. folio publisher's decorated cloth blocked in gilt and blind (recased and rebacked with the original spine preserved); xii,118pp and advertisements, 40 plates numbered to 34 (with some bis), almost all folding and some quite large, figures

through the text. Some expected signs of use and flaws: some spots, some of the folding plates' protruding edge dusty and frayed, a couple of misfoldings, a stain at the edge of the last couple of leaves - but one of the better copies that I've seen of this hefty working book. Au\$1,500
Kemp's first and grandest book.

RADFORD, W. On the Construction of the Ark, as adapted to the naval architecture of the present day; on the equipment of vessels, and on steam navigation to India. London, Weale 1840. octavo original boards with printed label (neatly rebacked); xii,90pp. Au\$310

An idiosyncratic if unarguable approach to the problem of modern naval architecture: the lack of all scientific rules, any fixed standard, rule or guide. Radford points out that "positive proofs and directions are plainly and forcibly laid down by the Almighty himself" in his directions for the Ark in Genesis - principles that happily have been proportioned in two splendid vessels, "the Great Western" and "the British Queen". He then proposes a company for regular steam navigation between England and India and such things as a "slow steamer" of such magnitude as to require cooperative concern from ten individuals or mercantile houses.

SOMMERFELDT, Hakon A. [& GRANTHAM, John]. Atlas to the Elementary and Practical Principles of the Construction of Ships. [bound with:] On Iron Ship Building. With practical examples and details [this latter by Grantham]. London, Weale 1861 & Lockwood 1859. folio (original?) half calf (rubbed, spine ends worn); 10 large folding engraved plates numbered to 14 (4 carry two numbers) & 24 litho plates (11 folding). Spotting & browning, more so in the second work. Au\$1,000

The plates atlases for two shipbuilding treatises in a contemporary binding. Second edition of the latter. Grantham was a pioneer in iron shipbuilding and the text (one of Weale's Rudimentary Series) went into at least five editions. He finishes with three sections (one longitudinal) of the Great Eastern. Sommerfeldt's work is more classic offering examples of merchant ship, clipper, an East Indiaman, a 52 gun steam frigate, and a river steamboat.

WALTON, Thomas. Present-Day Shipbuilding. London, Griffin 1907. octavo publisher's cloth; xii,224pp, 162 ills (many folding). Some spotting but a rather good copy. Au\$190

A reworking of sections of his "Steel Ships", a reasonable amount on some new types of vessels: the Lusitania, Mauretania, Campania and Lucania.

Sailing

GOWER, Richard Hall. A Treatise on the Theory and Practice of Seamanship, together with a system of naval signals .. a useful compendium to the officer, to instruct him when young, and to remind him when old. The third edition, corrected and enlarged. London, for Wilkie & Robinson &c 1808. Octavo uncut in original boards; xxviii,242,[2]pp; volvelle and ills and diagrams through the text. Endpapers browned, an excellent copy. Au\$750

Probably the last edition. The volvelle is particularly marvellous: a revolving ship in plan, on it a moveable jib (stayed with cotton), fore yard, main yard, C.J. yard and tiller/rudder; in a printed circle 120mm in diameter. The author's preface to this third edition reminds us why these books are so scarce: "the author having seen impressions of the former editions of this work, in the possession of young men on shipboard, many of which impressions had been deprived of their plates altogether, by rough sea-usage, and too intimate and acquaintance with the lee-scuppers - has, in part, prevented the evil in the present edition, by introducing the explanatory figures with the letter-press." His preface to the second edition is a list of complaints about Steel's "Rigging and Seamanship", not so much for his piracy from Gower as for the misrepresentation and obfuscation introduced by his attempt to disguise that piracy.

YOUNG, Arthur. **Nautical Dictionary** .. London, Longman &c 1863. octavo half gilt calf (spine top a bit worn); xii,492pp, 5 plates (2 folding), ills through the text. A few inoffensive library stamps, some spotting or browning, a pretty good copy. Au\$450
Second edition. First published in 1846 and by 1863 long out of print. The author points out that the last English nautical dictionary was Burney's edition of Falconer in which steam ships were a novel curiosity. His first edition was largely applicable to merchant shipping, here it is "more extensively applicable to ships of war", much more including obsolete terms have been defined and a supplement of French terms added. This seems a fairly uncommon book.

YOUNG, Arthur. **Nautical Dictionary** .. London, Longman &c 1863. octavo, untrimmed in modern half morocco; xii,492pp, 5 plates (2 folding), illustrations through the text. A very good copy. Au\$750
The author's own copy with his inscription and numbers of corrections and additions to the text - clearly aimed at a third edition (which I'm pretty sure never appeared) .

Soldiering

BOND, Lieut-Col. H. **Treatise on Military Small Arms and Ammunition, with theory of the motion of a rifle bullet. A text book for the army.** London, HMSO [1884?]. Octavo publisher's blindstamped red cloth (a bit faded and discoloured); 228pp, numerous litho plates (some with colour, a few folding), numerous illustrations through the text. Au\$300
Mostly on rifles but with a chapter on swords, lances and bayonets; one on gunpowder; and a history of small arms.

BUSK, Hans. **Hand-Book for Hythe: comprising a familiar explanation of the laws of projectiles, and an introduction to the system of musketry, now adopted by all military powers.** London, Routledge &c 1860. Smallish octavo publisher's quarter red roan and cloth (spine a bit rubbed); viii,184pp, nine wood engraved plates, illustrations through the text. Front fly removed and some spotting of a couple of plates; a very decent copy though. Au\$600
This is the second of, I believe, two editions, both of which appeared in 1860. Busk begins by assuring us that this is not an official publication; he is eager to escape the stigma attached to all official works. It is, though, authoritative enough to satisfy the most exacting student of musketry, particularly those 'fortunate enough to obtain access to that admirable institution', Hythe. And so, everything from ballistics to uniforms is covered.

Flying

[Aviation]. **The Flying Book. The Aviation World Who's Who and Industrial Directory [cover title]. 1914 edition.** Bournemouth, Aviation World Publishing 1914. Octavo publisher's boards with onlaid colour illustration (spine top worn); 184pp including several adverts (see below), numerous illustrations throughout. Au\$135
These Flying Books seem to have been issued sporadically between 1911 and 1918. With a handy illustrated guide to planes made by most manufacturers; an industrial guide; a military guide (this is just before the outbreak of war). Two figures in the Who's Who caught my eye: Hilda Hewlett, the first lady to take a brevet in England, and the first to construct aeroplanes; the other is the Australian speed demon Sydney Pickles who worked his way through motorcycles,

cars and speedboats before taking to the air in gliders and graduating to aeroplanes in 1912. A minor mystery - page 184 is advertisement for Cellon Co., makers of dopes. This page has been pasted to an endpaper by the publisher (the text can still be discerned) and Cellon's entry in the industrial guide has similarly been effaced with a pasted slip.

BURGE, Squadron-Leader C.G. **The Air Annual of the British Empire 1929.** London, Gale & Polden 1929. plump octavo publisher's cloth (a bit flecked); lii,734pp & adverts, 5 maps (2 folding), 2 colour plates, 18 photogravures, numerous photo ills. Au\$300

The ambitious first volume of an ambitious series. Service and civil aviation throughout the empire (local contributors include Brearley and Fysh); surveys of aircraft and their makers (with short chapters on airships and flying boats); and much more.

MATTHEWS, R. Borlase. **The Aviation Pocket-Book for 1916.** London, Crosby Lockwood 1916. Small octavo publisher's cloth (faded); xvi,176pp, two folding tables. Au\$100

Travel and Exploration

LORD, W.B & T. BAINES. **Shifts and Expedients of Camp Life, Travel and Exploration.** London, Cox 1876. Stout octavo publisher's green cloth (recased, cloth a bit rubbed); vi,734pp and adverts; illustrated title and 15 wood engraved plates, numerous illustrations through the text, all after Thomas Baines. Au\$800

Second edition; it first appeared in parts between 1868 and 1871. The bible for adventurers, and virtually a family bible in size and weight. Drawn from Thomas Baines' experiences in north Australia and southern Africa and William Barry Lord's experiences in the Crimea and India, it contains a wealth of detail for surviving and thriving in any wilderness -whether tropical or frozen, desert or mountain. I read somewhere recently that the naturalist David Attenborough chose this for his desert island book; it seems a wise choice.

HUNT, Major S. Leigh & Alexander S. KENNY. **On Duty Under a Tropical Sun. Being some practical suggestions for the maintenance of health and bodily comfort .. remarks on clothing and equipment for the guidance of travellers in tropical countries.** London, Allen 1882.

8vo blue cloth, decorated & lettered in gilt & black with a white onlay for the umbrella that protects from the sun-rays of China, Australia, Burmah, India, Melanesia and Egypt; 138pp & adverts (including a charming insert in colour for "The Pathfinder", a patent device). Au\$650. Apart from the marvelous binding design a useful book filled by the authors with 'suggestions which have arisen solely in their personal experience'. These range from reminders to carefully check the stitching and grip of a portmanteau - to dealing with boils, diarrhoea, or cholera - to the advice that if a good claret taken with water is unavailable then Australian light wines are best. This is very much a chap's book, for those whom 'commercial enterprise, the good of their fellow men, or the service of the Queen may summon'

Textiles, Clothing

ASHENHURST, Thomas R. **Design in Textile Fabrics. Second edition.** London, Cassell 1885. smallish octavo publisher's cloth; viii,248pp, 10 colour plates (one folding), 106 diagrams through the text. Scattered spotting only of note at the ends. Au\$90

A thorough and handy little book that sets out to correct the unfortunate practice of ignoring the structure of fabric and suitability for ornamental design.

[Colour]. British Dyestuffs Corporation Ltd. Manchester. **Direct, Basic, Sulphur and Vat Colours on Viscose Artificial Silk.** BDC 1926. thickish octavo (by size) cloth, slipcase; 30pp & 319 mounted samples of coloured threads each twirled into a bow on 30 card leaves. Au\$75
A cheerfully bright sample book of colours for dyeing rayon. 'The dyeing of artificial silk has become a distinct branch of the dyeing profession, requiring special knowledge', the attainment of which is largely responsible, according to BDC, for the success of the artificial silk industry.

MURPHY, John. **A Treatise on the Art of Weaving, with calculations and tables for .. manufacturers. Eleventh edition.** London, Blackie 1857. octavo publisher's cloth (spine ends worn); xiv,518pp, frontis, 14 folding plates, diagrams. Au\$360
First published in 1824 this edition seems remarkably unchanged since the sixth, 1839, edition and remains early industrial with a short final chapter on the power loom (illustrated on the last plate). Obviously well regarded, all editions seem to have been used to death with most likely libraries holding only a scattering of editions in often imperfect copies.

WATSON, John. **The Theory and Practice of the Art of Weaving, by hand and power, ..** Glasgow, George Watson 1888. octavo blindstamped cloth; 482pp, five folding plates, diagrams and ills through the text. An excellent copy. Au\$300
Third edition, (the first appeared in 1863) thoroughly updated. Following a short history of the power-loom, a practical book by the Glasgow weaver and manufacturer. The folding plates form part of a detailed description of his patented check and damask power-loom.

A Treatise on the Origin, Progressive Improvement, and Present State of the Silk Manufacture. London, Longman &c 1831. small octavo contemporary polished green calf decorated in gilt & blind; extra engraved title, 39 ills through the text. Small stamp at the foot of the title but a very good and particularly pretty copy. Au\$240
One of the more uncommon and interesting of Lardner's voluminous Cabinet of Useful Knowledge.

[Tailoring]. **A collection of examples for a tailoring course.** n.p. (early to mid 20th century?) 46 sheets of light card (34x24cm) with mounted samples of work, each labelled neatly by hand, and an index leaf to the second group. Au\$300
There are two sections; the first is labelled 'Samples - Tailoring Stage 2' and runs from corner, edge and scallop finishes, through buttonholes of all types, all sorts of pockets, cuffs and collars and finishes with a half scale suit coat. The second section is indexed but unlabelled and includes sample work of bindings, bows, cabachon, edges (rouleau, ruched &c) facing (pleated, scalloped, Shirred), faggotting, folds (bias, double inward &c), lace, plaits, ribbons, tassels, trims and paper weaving.

VOGEL, Sol. **The Assistant Fur Fitter.** NY, the author [1943?] folio textured boards (not quite alligator but mock animal of some sort); 116pp, numerous photo ills & diagrams. Some spotting at each end. Au\$100
Third edition. The bible for problem solving, published at the serious price of \$25 - not for the idly curious.

Leather

DUSSAUCE, H. **A New and Complete Treatise on the Arts of Tanning, Currying, and Leather-Dressing; ..** Philadelphia Baird 1865. octavo publisher's cloth (spine gone but binding solid); xxviii,710pp & publisher's list, 213 ills through the text. The contents in excellent condition. Au\$170

LAMB, M.C. **Leather Dressing, including dyeing, staining & finishing.** London, Anglo-American Technical Co. 1925. largish octavo publisher's cloth; xii,472pp and adverts; 20 mounted leather samples on four leaves, numerous photo plates, ills through the text &c. A very good copy. Au\$350

Third and, I believe, last edition, entirely re-written and updated (the first was published in parts from 1905). This was the first and doubtless the best book to treat dyeing, staining and finishing as a subject separate from preparatory tanning.

Milling

CRAIK, David. **The Practical American Millwright and Miller: ...** Philadelphia Baird 1874. Octavo publisher's cloth blocked in blind; x,17-432pp (but complete as issued) and publisher's list, wood engravings through the text and five folding plates. A couple of the plates rumped or misfolded but a bright copy. Au\$250

This seems to be the middle of three printings (1870 and 1877 are the others); all appear to be identical.

Printing and Paper

CLAPPERTON, Robert Henderson & William HENDERSON. **Modern Paper-Making.** London, Benn 1929. large octavo publisher's cloth; 365pp & illust adverts, numerous photo ills, diagrams, measured drawings &c (one folding). Front endpaper unevenly browned. Au\$150
First edition, a couple more followed. A solid technical account of materials, treatment and machinery.

AUDIN, Marius. **Histoire de l'Imprimerie par l'Image.** Paris, Jonquieres 1929 [Lyon 1929 according to the spines though]. 4 volumes square octavo printed wraps (spines a bit worn); hundreds of ills & examples (plenty in colour). Au\$500

I: Histoire et la technique; II: La Lettre d'Imprimerie; III: Esthetique du Livre; IV: Bibelots ou Bilboquets. Printing, design, illustration, from xylographs to high moderne.

The Australasian Printer's Keepsake. A selection of tales, essays, sketches, and verse, illustrative of the craft in Australia. By Victorian compositors. Melbourne, Fitzgerald 1885. octavo contemporary half roan (rubbed); viii,168pp. Library gilt stamp on covers and label inside the front; title a little marked; not a bad copy. Au\$300

Originally issued in wrappers but rarely seen still in them, rarely seen at all for that matter.

SAVAGE, William. **On the Preparation of Printing Ink; both black and coloured.** London, printed for the author [by Samuel Bentley], and sold by Longman, Rees, Orme &c. 1832. Octavo publisher's watered, or moire, cloth (recased with new endpapers); 185pp, A short marginal tear in the half title, a few spots, rather a good copy. Au\$1,250

250 copies were printed and priced at two guineas each, an act which horrified the reviewer for the Monthly Review (v.II, no.II, 1833) so much that barely a paragraph of his quite long review does not contain some reference to this 'wild adventure .. exorbitant price on his knowledge .. like a Jew broker, heartlessly taking advantage of his monopoly .. extraordinary .. deed of folly'. Doubtless the critic's forecast proved true and few copies were sold and the information was circulated by handmade copies, but circulated it was. The recipes of the handful of fine printers who held the secrets of good ink were now obsolete; any provincial printer could now undertake quality work - and work in colour. Savage names this the first practical treatise on printing ink and, with few qualifications, he was right. Earlier writers (Moxon, Breton, Papillon etc) are cited by Savage but, as he says, their writings are either of no practical use or, as in the cases of Moxon and Papillon, their vague instructions produce inks of no practical use. Savage had spent some thirty years as a printer and in experimenting with ink, his work with coloured inks was particularly productive, and had, ten years earlier, produced his impressive 'Practical Hints on Decorative Printing'; here all is plain, clearly defined, and practical.

Medicine

Von Ziemssen's Handbook of General Therapeutics. London, Smith Elder 1885-87. 7 volumes octavo half gilt morocco (a few a bit rubbed). Ex parliamentary library with their gilt crest on the front board and incorporated into the spine, no other markings. Scattered spotting or browning but a rather good set. Au\$800

'The first work of the kind published in any language. Each part, written by a German authority .. forms a treatise complete in itself' (preface). Bauer on the Dietary of the Sick; Stange on the Koumiss Cure; Liebermeister on Antipyretic Methods; Jurgensen on Antiphlogistic Methods; Eulenburg on Epidermic, Endermic and Hypodermic Administration of Medicines; Oertel on Respiratory Therapeutics; Weber on the Treatment of Disease by Climate; Leichtenstern on General Balneotherapeutics; Busch on General Orthopaedics, Gymnastics and Massage; Winternitz on Hydrotherapeutics; Erb on Electrotherapeutics; Oertel on Therapeutics of Circulatory Derangements.

NIGHTINGALE, Florence. **Notes on Nursing for the Labouring Classes.** London, Harrison 1861. Smallish octavo publisher's printed limp red cloth (shabby, the printing virtually illegible, but quite firm); 96pp. A splodge at the top of the title; certainly a used copy but not indecently so. Au\$450

First edition; it also appeared in printed wrappers. Usually called an abridgement of her 'Notes on Nursing: what it is, and what it is not' but this is not really true. There is 'some abridgement, with considerable additions, and with a supplementary chapter on children'.

BAUER, Louis Hopewell. **Aviation Medicine.** Baltimore, Williams & Wilkins 1926. Octavo, publisher's cloth; xvi,242,[4]pp, 35 illustrations. With the bookplate of Danish aviation-medico E.O. Errebo Knudsen. An excellent copy; signed by Bauer. Au\$300

First edition. The first American textbook on aviation medicine, this marks the foundation of medical regulations for American civil aviation (Bauer set these out later in the same year). Certain particulars here are now quaint (the chapter on airplane dope poisoning refers to those working with the various lethal substances applied to the fabric on wings and bodies) but the basic precepts remain in force.

MYERS, Charles. **A Text Book of Experimental Psychology, with laboratory exercises. Second edition.** Cambridge University Press 1911. Two volumes octavo publisher's cloth, xiv, 344;107pp, 1 colour plate, b/w ill. Au\$170
First published in 1909 it is here thoroughly revised with considerable additions and a new chapter on thought and volition. Myers pioneered experimental psychology at Cambridge and this was long considered the best book on the subject in any language.

KINGSBURY, Geo C. **The Practice of Hypnotic Suggestion: ... handbook for the ... medical profession.** Bristol, John Wright 1891. octavo publisher's cloth; 206pp. A few annotations but a very good copy Au\$110

Herbs and Pharmaceutics

[DU PINET or DUPINET, Antoine]. **Historia Plantarum. Earum imagines, nomenclatura qualitates, & natale solum. Quibus accessere simplicium medicamentoru[m] facultates, secundum locos & genera, ex Dioscoride.** Lyon, Gabriel Cotier 1561. plump 12mo contemporary limp vellum (darkened); 640,240,[26]pp. woodcut title border and 636 woodcuts - one per page. An light, pretty insignificant, stain in the bottom corner of the first several leaves; a pleasing, original copy. Au\$3,000

First edition of this well illustrated pocket herbal - to a fair extent based on Pietro Mattioli, whose edition of Dioscorides Du Pinet had translated into French and which was published only moments before this. Each page provides an illustration of a plant, its names in several languages, where found and properties. The Simplicium Medicamentorum at the end (240 pages) is a simple list of complaints, agues and remedies based on Dioscorides. Du Pinet was by profession a Protestant, a busy writer for the cause (he was a friend and has been called the mouthpiece of Calvin) but was not single-minded. As well as writing and translating several botanic works he compiled the first atlas of city plans and translated Pliny the Elder into French.

HILL, John. **The Family Herbal, or an account of all those English plants, which are remarkable for their virtue, and of the drugs which are produced by vegetables of other countries;** Bungay, Brightly & Kinnersley 1812. Octavo (publisher's?) marbled sheep (extremities worn, hinges cracked but firm); viii,xl,376pp and 54 hand coloured plates. Some minor flaws and signs of use but a very decent, original copy. Au\$450

WILLS, George S.V. **A Manual of Vegetable Materia Medica. Fifth edition. Revised and enlarged.** London, Simpkin Marshall 1881. Octavo publisher's cloth; 154pp and interleaved blanks; folding map (with some tears) and 105 hand-coloured illustrations on 24 plates. Used, with a few pencil notes on the blanks but a decent copy. Au\$125
The essential crib book for 'gentlemen' intending to move into medicinal drugs; the coloured illustrations are of the 'most important Barks, Roots, Leaves, Gums, &c'.

Teaching

[Education]. **The Australian Journal of Education, conducted by a committee .. under the Council of Education. Volume I.** [Sydney, Jan - Dec 1868. octavo 12 issues together in contemporary half roan (battered but solid enough); viii,440pp. Browning and spotting; some pencil marginalia. With general title, preface and index. Au\$280

The Council of Education was the result of Parke's 1866 Public Schools Act, the foundation of modern public education here, and this appears to be the first trade journal for teachers in the colony. It is for the most part an eclectic gathering of practical information and guidance - though a decent proportion is spent reviewing policy practice and the state of education generally. There is a stiff rebuke of Badham's criticism of the Council. The first article however is on teachers' superannuation, the subject with the most entries in the index.

Judging

PLUNKETT, J.H. **The Magistrate's Pocket Book: .. the course of practice in all preliminary investigations .. relating to indictable offenses ..** Sydney, J. Moore 1859. octavo publisher's cloth with printed label; 112pp. Front fly removed. Au\$200

Only edition? Plunkett's 'Australian Magistrate', by the hands of various editors, appeared for decades after the first edition of 1835. Here, unable to complete a fourth edition himself, he has published this guide encompassing the Jervis Acts and providing, in an appendix, all the forms referred to in the statute; a true pocket book.

Diplomacy

ALBERTINI, L.E. **Derecho Diplomatico en sus aplicaciones especiales a las Republicas Sud-Americanas.** Paris, Bouret 1866. Octavo quarter morocco (a piece stripped from the mottled paper sides); 422pp. General spotting and browning, a stain in the top margins. A not irredeemable copy, possibly better than it sounds. Au\$100

Presumably the essential diplomat's handbook for South America. With a substantial appendix of applicable laws and diplomatic rules of Argentina, Chile, Ecuador, Peru.

Taxidermy

BROWNE, Montagu. **Practical Taxidermy: a manual of instruction to the amateur ... added a chapter upon the pictorial arrangement of museums. Second edition, revised and considerably enlarged.** London, Upcott Gill [1884?]. Octavo publisher's illustrated cloth blocked in gilt and dark red; viii,354pp and adverts; four plates, a folding plan and numerous illustrations through the text. One opening splashed with something (embalming fluid?) but a rather good copy. Au\$225

I know the title says this is for amateurs but it is pretty serious. And how many amateur taxidermists were interested in the layout of museums? The folding plan is for Browne's own Zoological Room in the Leicester Town Museum; the matter of museum cases and display is treated seriously.

Weather Forecasting

STEINMETZ, Andrew. **A Manual of Weathercasts; comprising storm prognosis on land and sea .. adapted for all countries.** London, Routledge 1866. small octavo printed orange cloth (a bit rubbed and marked); 208pp, wood engraved frontispiece, ills and diagrams through the text. A few annotations. Au\$75

An appealing little book, mostly designed for general observers but a few chapters aimed at scientific investigators, ship-masters and the like.