

## BIBLIOGRAPHY

N.B. This bibliography contains the full titles of many, **but not all**, the works referred to in the provisional, unpublished, text which formed the background to what was later published as 'The Glass Bathyscaphe' (England) or 'Glass: A World History' (America).

All books are published in London, unless otherwise specified.

ABERCROMBIE, NICHOLAS; HILL, STEPHEN; TURNER, BRYAN S. *Sovereign Individuals of Capitalism*. Allen & Unwin 1986.

ALCOCK, SIR RUTHERFORD. *The Capital of the Tycoon: A Narrative of a Three Years' Residence in Japan*, 1863.

ADAMS, ROBERT McC., *Paths of Fire; An Anthropologist's Inquiry into Western Technology*, Princeton, 1996

ALBERTI, LEON BATTISTA *On Painting*. trans. Cecil Grayson. Penguin 1991.

ALLEN, DENISE *Roman Glass in Britain*. Shire Archaeology 1998.

ANGLICUS, BARTHOLOMAEUS *On the Properties of Things [De Proprietatibus Rerum]*. trans. John Trevisa. 2 vols. Clarendon Press, Oxford 1975.

ARNHEIM, RUDOLF *Art and Visual Perception, a psychology of the creative eye*. California Univ. 1957.

ARNHEIM, RUDOLF *Visual Thinking*. Faber 1970.

ASHDOWN, CHARLES *History of the Worshipful Company of Glaziers of the City of London*. 1919

BACON, FRANCIS *The Advancement of Learning and New Atlantis*. OUP 1951.

BALTRUSAITIS, JURGIS *Anamorphic Art*. trans. W.J. Strachan. Cambridge 1977.

BATTIE, DAVID & COTTLE, SIMON eds. *Sotheby's Concise Encyclopedia of Glass*. Conron 1997.

BAXANDALL, MICHAEL *Painting and Experience in Fifteenth-Century Italy*. OUP 1988 2nd edn.

BAZIN, GERMAIN *A Concise History of Art*, parts 1 & 2. Thames & Hudson 1962, trans. by Francis Scarfe.

BENEDICT, RUTH *The Chrysanthemum and the Sword; Patterns of Japanese Culture* 1967

BIRD, ISABELLA *Unbeaten Tracks in Japan*. Virago reprint, 1984

BOWERSTOCK, G.W. AND OTHERS (EDS), Late Antiquity. A guide to the Postclassical World. Harvard Univ. Press, 1999.

BERENSON, BERNHARD The Italian Painters of the Renaissance. Fontana Lib. 1960.

BERNAL, J.D. Science in History. Watts 1957.

BINYON, LAURENCE Painting in the Far East, an Introduction to the History of Pictorial Art in Asia Especially in China and Japan. Dover pubs. 1969, originally pub. in 1934.

BINYON, LAURENCE The Flight of the Dragon, an Essay on the Theory and Practice of Art in China and Japan, Based on Original Sources. John Murray 1948.

BIRD, ISABELLA Unbeaten Tracks in Japan. Virago Press 1984.

BIRINGUCCIO, VANNOCCIO The Pirotechnia of..., the classic sixteenth-century treatise on metals and Metallurgy. trans. & edited by Cyril Stanley Smith & Martha Teach Gnudi. Dover Pub., NY 1990.

BLAIR, DOROTHY A History of Glass in Japan 1973

BLAIR, DOROTHY 'Glass' in Kodansha Encyclopedia of Japan, vol. 3, Tokyo, 1983

BLAIR, SHEILA S. & BLOOM, JONATHAN M. The Art and Architecture of Islam 1250-1800. Yale University Press, 1994.

BLAKEMORE, COLIN Mechanics of the Mind. BBC Reith Lectures 1976. CUP 1977.

BOWIE, HENRY P. On the Laws of Japanese Painting. An Introduction to the Study of the Art of Japan. Dover Pubs. NY 1952, originally pub. in 1911.

BRAY, CHARLES. Dictionary of Glass; Materials and Techniques. A & C.Black, 1995.  
FERNAND Civilization and Capitalism 15-18th Cen. 3 vols. Trans. from French. Collins 1981-3-4. The Structures of Everyday Life.

BROWNING, JOHN Our Eyes, and how to preserve them from infancy to old age, with special information about spectacles. Chatto & Windus 1896.

BUNIN, MIRIAM SCHILD Space in Medieval Painting and the Forerunners of Perspective. AMS Press, NY 1970.

BURCKHARDT, JACOB The Civilization of the Renaissance in Italy. Phaidon Press edn., 1960.

CARRITHERS, MICHAEL; COLLINS, STEVEN; LUKES, STEVEN Eds The Category of the Person, Anthropology, Philosophy, History. CUP 1985.

CHAMBERS'S ENCYCLOPAEDIA New Revised Edition, 1966

CHAN, EUGENE 'The general development of Chinese ophthalmology from its beginnings to the 18<sup>th</sup> century, Documenta Ophthalmologica, 68, 177-184 (1988)

CLARK, KENNETH Civilisation. BBC 1971.

CLUNAS, CRAIG Pictures and Visuality in Early Modern China. Reaktion Books, 1997.

COHEN, H. FLORIS The Scientific Revolution; A Historiographical Inquiry, 1994

CRANMER-BYNG J.L. (editor), An Embassy to China; Being the journal kept by Lord Macartney during his embassy to the Emperor Ch'ien-lung 1793-4 1962

CROMBIE, A.C. Robert Grosseteste and the Origins of Experimental Science 1100-1700. Clarendon Press, Oxford 1953.

CROMBIE, A.C. Augustine to Galileo. 2 vols. Mercury Books 1964

CROMBIE, A.C. Science in the Middle Ages: 1. Medieval and Early Modern Science. Doubleday 1959.

CROMBIE, A.C. Science, Optics and Music in Medieval and Early Modern Thought 1990

CROMBIE, A.C. Science, Art and Nature in Medieval and Modern Thought 1996

CROSBY, ALFRED The Measure of Reality, Quantification in Western Society 1250-1600. Cambridge Univ. Press 1998

CROSSMAN, CARL L. The Decorative Arts of the China Trade, Paintings, furnishings and exotic curiosities. Antique Collectors' Club 1997.

DAMISCH, HUBERT The Origin of Perspective. trans. John Goodman. MIT Press 2000.

DAUMAS, MAURICE (Ed) A History of Technology and Invention. Progress Through the Ages. Vol.II The First Stages of Mechanization 1450-1725. Trans. by Eileen B. Hennessy. John Murray 1980.

DAVIES, NORMAN A History of Europe. Oxford University Press, 1996 under 'Murano'

DELANY, PAUL British Autobiography in the Seventeenth Century. Routledge and Kegan Paul, 1969

DERRY, T.K. & WILLIAMS, TREVOR I. A Short History of Technology, from Earliest Times to A.D. 1900. Clarendon Press Oxford 1960.

DIKSHIT, M.G. History of Indian Glass. Univ. of Bombay, 1969.

DOBSON, ROGER. 'The Future is Blurred', The Independent, 20.5.1999.

DOPSCH, ALFONS The Economic and Social Foundations of European Civilization. RKP 1953.

DYER BALL, J. Things Chinese. 5th edn. Singapore, 1925

EDEN, JOHN The Eye Book. Penguin 1981.

EDGERTON, SAMUEL Y. Jr. The Renaissance Rediscovery of Linear Space. Harper & Row. 1975.

EISENSTEIN, ELIZABETH L. The Printing Press as an Agent of Change, Communications and Cultural Transformations in Early-Modern Europe vols. 1 & 2., complete in one volume. CUP 1980.

ELGIN MISSION - see Oliphant

ELVIN, MARK Another History, Essays on China from European perspective. Sydney University 1996.

ENCYCLOPAEDIA BRITANNICA Eleventh edition, Cambridge, 1910

ENCYCLOPEDIA OF WORLD ART, vol.VI, McGraw Hill, NY, 1962.

FORTUNE, ROBERT Three Years' Wanderings in the Northern Provinces of China ... (fac. 1847 edn. John Murray). Time-Life Books, 1982.

FRIEDLANDER, MAX J. From Van Eyck to Bruegel, Early Netherlandish Painting. Phaidon 1956.

FRY, ROGER Vision and Design. Penguin 1940.

GELL, ALFRED. 'The Technology of Enchantment and the Enchantment of Technology' in Jeremy Coote and Anthony Shotton (eds.), Anthropology, Arts and Aesthetics. Clarendon Press, Oxford, 1992.

GELL, ALFRED Art and Agency, an anthropological theory. Clarendon Press, Oxford 1998.

ELEANOR S. The Development of English Glassmaking 1560-1640. Clarendon Press, Oxford 1975.

GOMBRICH, E.H. The Story of Art. Phaidon Press 1950.

GOMBRICH, E.H. The Image and the Eye, Further studies in the psychology of pictorial representation. Phaidon 1999.

GOMBRICH, E.H. *Art and Illusion, A study in the psychology of pictorial representation.* Phaidon Press, 1962.

GOMBRICH, E.H. *Meditations on a Hobby Horse, and other essays on the theory of art.* Phaidon 1963.

GOODRICH, JANET *Perfect Sight the Natural Way, How to improve and strengthen your child's eyesight.* Souvenir Press 1996.

GOTTLIEB, CARLA. *The Window in Art.* New York, 1981.

GREGORY, R.L. *The Intelligent Eye.* World Univ. 1971.

GREGORY, RICHARD *Mirrors in Mind.* W.H. Freeman, Oxford 1997.

GREGORY, RICHARD; HARRIS, JOHN; HEARD, PRISCILLA; ROSE, DAVID eds. *The Artful Eye.* OUP 1995.

GUREVICH, AARON *The Origins of European Individualism.* Trans. Katharine Judelson. Blackwell 1995.

HALE, JOHN *The Civilization of Europe in the Renaissance.* Harper Collins 1993.

HARBISON, CRAIG *The Art of the Northern Renaissance.* Everyman Art Library 1995.

HARMAN, N. BISHOP *The Eyes of our Children.* Methuen 1916.

HARRE, ROM. *Great Scientific Experiments.* Oxford Univ. Press, 1983.

HAUSER, ARNOLD *The Social History of Art.* 3 vols. Vintage Books N.Y. 1957.

HAY, DENYS ed. *The Age of the Renaissance.* Guild Pubs. 1986.

HAYES, E. BARRINGTON *Glass through the Ages.* Penguin 1959.

HENKES, H.E. 'History of Ophthalmology'. *Documenta Ophthalmologica* 68:177-184 (1988)

HIRSCHBERG, JULIUS. *History of Ophthalmology (1982-6), 7 volumes.*

HOMMEL, RUDOLF P. *China at Work. An Illustrated Record of the Primitive Industries of China's Masses...* [need rest of record]

HONEY, W.B. *English Glass.* Bracken Books 1987.

© Alan Macfarlane and Gerry Martin, 2002

HONEY, W.B. Glass. A Handbook for the Study of Glass Vessels of all Periods and Countries and a Guide to the Museum Collection. Victoria and Albert Museum London, published by the Ministry of Education 1946.

HUFF, TOBY E. The Rise of Early Modern Science, Islam, China, and the West. CUP 1993.

IVINS, WILLIAM M. On the Rationalization of Sight, with the examination of three renaissance texts on perspective. Da Capo Paperback, NY 1975.

IVINS, WILLIAM M. Art and Geometry, A study in space intuitions. Dover, NY 1964.

JACKSON, C.R.S. The Eye in General Practice. Churchill Livingstone, 1975 7th edn.

JAMES, PETER and THORPE, NICK Ancient Inventions 1995

JOURDAIN, MARGARET AND R.SOAME JENYNS, R. Chinese Export Art in the Eighteenth Century 1950

KAEMPFER, ENGELBERT The History of Japan, together with a Description of the Kingdom of Siam. 1690-1692. Trans. J.G. Scheuchzer. (3 vols.) Curzon Press, 1993 (fac. 1906 edn.).

KAHR, MADLYN MILLNER. Velasquez. The Art of Painting. Harper and Row, N.Y. 1976.

KEMP, MARTIN The Science of Art, optical themes in western art from Brunelleschi to Seurat. Yale Univ. 1990.

KITTREDGE, GEORGE LYMAN Witchcraft in Old and New England. Russell & Russell N.Y. 1956

KLEIN, DAN & LLOYD, WARD eds. The History of Glass. Black Cat 1992.

KOESTLER, ARTHUR The Lotus and the Robot. Hutchinson 1960.

LA FARGE, JOHN An Artist's Letters from Japan. Waterstone 1986.

LANDES, DAVID S. Revolution in Time. Clocks and the Making of the Modern World Harvard, 1983

LANDES, DAVID The Wealth and Poverty of Nations, Why some are so rich and some so poor. Little, Brown & Co. 1998.

LARNER, JOHN. Culture and Tradition in Italy 1290-1420. Batsford 1971.

© Alan Macfarlane and Gerry Martin, 2002

L'ART DUE VERRE Section of L'Encyclopedie Dederot et D'Alembert (Eighteenth century, reprinted in facsimile by Inter-Livres, no date.)

LEONARDO DA VINCI On Painting (ed. Martin Kemp, Yale, 1989)

LEONARDO DA VINCI The Notebooks of Leonardo da Vinci, arranged and translated by Edward MacCurdy, 2 volumes, 1938.

LIEFKES, REINO ed. Glass. Victoria & Albert Museum 1997.

LINDBERG, DAVID C. The Beginnings of Western Science, The European scientific tradition in philosophical, religious, and institutional context, 600 B.C. to A.D. 1450. Chicago Univ. 1992.

LINDBERG, DAVID C. Theories of Vision from Al-Kindi to Kepler. Chicago Univ. 1976.

LINDBERG, DAVID C. ed. John Pecham and the Science of Optics, *Perspectiva communis*. Wisconsin Univ. 1970.

LINDBERG, DAVID C. Roger Bacon's Philosophy of Nature. A Critical edition, with English Translation, Introduction and Notes..... Clarendon Press, 1983.

LINDBERG, DAVID C. Roger Bacon and the Origins of **Perspectiva** in the Middle Ages. Clarendon Press. Oxford, 1996.

LUDOVICI, L.J. Seeing Near and Seeing Far. John Baker 1966.

MACFARLANE, ALAN The Origins of English Individualism. Blackwell Oxford 1978.

MACFARLANE, ALAN The Savage Wars of Peace, England, Japan and the Malthusian Trap. Blackwell, Oxford 1997.

MACFARLANE, ALAN. The Riddle of the Modern World; Of Liberty, Wealth and Equality, 2000.

MACFARLANE, ALAN The Making of the Modern World; Visions from West and East. 2002.

MANN, IDA & PIRIE, ANTOINETTE The Science of Seeing. Penguin 1946.

McGRATH, RAYMOND ed. Glass in Architecture and Decoration. Architectural Press 1961.

MIDDLETON, W.E. KNOWLES. The History of the Barometer. Baros Books, 1994

MILLER, JONATHAN On Reflection. National Gallery Pubs. 1998.

© Alan Macfarlane and Gerry Martin, 2002

MILLS, A.A. 'Single-Lens Magnifiers', Parts I-VI, Bulletin of the Scientific Instrument Society, Nos.54-9, 1997-8.

MOORE, N. HUDSON Old Glass. European and American. Tudor Pub. NY 1935.

MORRIS, COLIN The Discovery of the Individual 1050-1200. Toronto Univ. 1995.

MORSE, EDWARD S. Japanese Homes and Their Surroundings. (1886). Dover Pubs. NY 1961.

MUMFORD, LEWIS Technics and Civilization. George Routledge 1947.

MUMFORD, LEWIS The Myth of the Machine; The Pentagon of Power. Harcourt Brace NY 1970.

NEEDHAM, JOSEPH The Shorter Science and Civilisation in China. 4 vols. abridged by Colin A. Ronan. CUP 1980(2), 1995, 1994.

NEEDHAM, JOSEPH ed. Science and Civilization in China. vols: 2, 3, 4:1,2, 5:2,3. CUP.

NEEDHAM, JOSEPH 'The Optick Artists of Chiangsu' with Lu Gwei-Djen, in 'Studies in the Social History of China', eds. Jerome Ch'en and Nicholas Tarling, C.U.P. 1970

NIELSEN, HARALD. Medicaments Used in the Treatment of Eye Diseases in Egypt, the countries of the Near East, India and China in antiquity. Odense University Press, no date.

OLIPHANT, LAURENCE Narrative of The Earl of Elgin's Mission to China and Japan in the years 1857, '58, '59. Vol. II only. Blackwood, 1859

OSBORNE, HAROLD ed. The Oxford Companion to the Decorative Arts. OUP, 1975

PANOFSKY, ERWIN Early Netherlandish Painting, Its origins and character. 2 vols. Icon Editions, NY 1971.

PANOFSKY, ERWIN The Life and Art of Albrecht Durer. Princeton Univ. 1971.

PARK, DAVID The Fire within the Eye, a historical essay on the nature and meaning of light. Princeton Univ. 1997.

PARSONS, J.H. & DUKE-ELDER, S. Diseases of the Eye. Churchill 1948 11th edn.

PERKOWITZ, SIDNEY Empire of Light, a history of discovery in science and art. Joseph Henry Press, Washington 1996.

PHILLIPS, PHOEBE ed. The Encyclopedia of Glass. Spring Books 1987.



POPPER, KARL R. Conjectures and Refutations, The growth of scientific knowledge. RKP 1978.

PRICE, WESTON A. Nutrition and Physical Degeneration. Published by the author, 1945.

RASMUSSEN, OTTO DURHAM A Thesis on the Cause of Myopia. [A copy of this rare booklet of 1949 is in the Cambridge University Library, classmark 9300.c.913]

RASMUSSEN, O.D. Old Chinese Spectacles. Northchina Press, 1915 (Second Edition, revised) [There is a copy of this rare pamphlet in the Needham Centre Library, Cambridge]

RASMUSSEN, OTTO DURHAM. Chinese Eyesight and Spectacles. Tonbridge Free Press. [A copy of this rare pamphlet, revised in 1950, is in the Needham Centre Library, Cambridge]

RAMMAZZINI, BERNARDO A Treatise on the Diseases of Tradesmen... 1705

RIESMAN, DAVID & RIESMAN, EVELYN THOMPSON Conversations in Japan, modernization, politics and culture. Allen Lane 1967.

SCREECH, TIMON The Western Scientific Gaze and Popular Imagery in Later Edo Japan, the lens within the heart. CUP 1996.

SHAPIN, STEVEN The Scientific Revolution, Chicago, 1996

SINGER, CHARLES, HOLMYARD, E.J., HALL, A.R. & WILLIAMS, T.I. eds. A History of Technology. vols. 2-5. Clarendon Press, Oxford 1972.

SINGH, RAVINDRA N. Ancient Indian Glass; Archaeology and Technology. Parimal Publications. Delhi. 1989.

SOUTER, W.N. The Refractive and Motor Mechanism of the Eye. Keystone Pub., Philadelphia 1910.

SULLIVAN, MICHAEL The Meeting of Eastern and Western Art. California Univ. 1989.

TAIT, HUGH The Golden Age of Venetian Glass. B.M. 1997.

TAIT, HUGH (ed.) Five Thousand Years of Glass B.M. 1991

TALBOT RICE, DAVID Islamic Art 1975

TEMPLE, ROBERT The Genius of China, 3,000 years of science, discovery and invention. Intro. Joseph Needham. Pion 1991.

© Alan Macfarlane and Gerry Martin, 2002

THEOPHILUS On Divers Arts. The foremost Medieval treatise on painting, glassmaking and metalwork. Trans. John G. Hawthorne & C.S. Smith. Dover, NY 1979.

TOKORO, TAKASHI. 'Vision Care in Japan'. The Vision Care, pp.47-52. Proceedings of the Yoya Vision Care Conference, April 1998

TREVOR-ROPER, PATRICK. 'The treatment of myopia', British Medical Journal, vol.287, 17 December 1983, pp.1822-3

TREVOR-ROPER, PATRICK The World Through Blunted Sight, An inquiry into the influence of defective vision on art and character. Allen Lane 1988.

TREVOR-ROPER, PATRICK D. Lecture Notes on Ophthalmology. Blackwell, Oxford 1961.

VASARI, GIORGIO The Lives of the Artists. Selection trans. George Bull. Penguin 1965.

VINCI, LEONARD DA, The Notebooks. 2 vols. ed. Edward MacCurdy. Reprint Society, 1954.

VOSE, RUTH HURST Class. Collins Archaeology, Collins 1980.

WALKER, JOHN. Eighteen Books of the Secrets of Art and Nature - (date etc.)

WESTON, H.C. Sight, Light and Work. 2nd edn., London, 1962.

WHITE, JOHN The Birth and Rebirth of Pictorial Space. Faber 1957.

WILLIAMS, S. WELLS The Middle Kingdom, a survey of the geography, government, literature, social life, arts and history of the Chinese Empire and its inhabitants. 2 vols. W.H. Allen 1883 revised edn.

WILSON, DAVID The Anglo-Saxons. Pelican 1975.

WITKIN, ROBERT W. Art and Social Structure. Polity Press, Cambridge 1995.

WOLFFLIN, HEINRICH Principles of Art History, The problem of the development of style in later art. trans. M.D. Hottinger. G. Bell 1932.

WRIGHT, LAWRENCE. Perspective in Perspective. Routledge and Kegan Paul. 1983.

YATES, FRANCES A. Giordano Bruno and the Hermetic Tradition. RKP 1964.

YU, LI. The Carnal Prayer Mat. Wordsworth reprint. 1995.

ZERWICK, CHLOE A Short History of Glass. Harry N. Abrams, NY, in assoc. with The Corning Museum of Glass, 1990.