This document provides references to a variety of published biographical information on men and women of science. Both historical and contemporary scientists are covered, with emphasis on American scientists. Sources were selected on the basis of general availability through major public and institutional library systems. Sections include: (1) general works; (2) bibliographies and indexes; (3) selected national sources; (4) subject sources, arranged by broad disciplines; and (5) pertinent abstracting and indexing services.
SCOPE: This guide offers a systematic approach to the wide variety of published biographical information on men and women of science. Both historical and contemporary scientists are covered, with emphasis on American scientists. Sources were selected on the basis of general availability through major public and institutional library systems. Departing from the usual Tracer Bullet format, this guide is arranged by: (1) general works, (2) bibliographies and indexes, (3) selected national sources, (4) subject sources, arranged by broad disciplines, and (5) pertinent abstracting and indexing services.

INTRODUCTORY MATERIAL


SUBJECT HEADINGS, used by the Library of Congress, under which books can be located in most card and book catalogs, include the following:

SCIENTISTS--BIOGRAPHY (Highly relevant)
SCIENTISTS--BIOGRAPHY--DICTIONARIES (Highly relevant)
SCIENTISTS--BIOGRAPHY--DIRECTORIES (Highly relevant)
SCIENTISTS--BIOGRAPHY--INDEXES (Highly relevant)
SCIENTISTS--CORRESPONDENCE, REMINISCENCES, ETC. (Relevant)

* Science Reading Room Collection
** Science Reading Room Vertical File

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SCIENTISTS, British, French, German, etc. (Highly relevant)
SCIENTISTS, Catholic, Jewish, Muslim, etc. (Relevant)
See also occupational subject headings such as: Anatomists, Astronomers, Biochemists, Biologists, Botanists, Chemists, Earth Scientists, Ecologists, Engineers, Entomologists, Geologists, Inventors, Mathematicians, Meteorologists, Microbiologists, Mineralogists, Naturalists, Oceanographers, Ornithologists, Paleontologists, Physicians, Physicists, Psychiatrists, Psychologists, Technologists, Veterinarians, Zoologists.

BIOGRAPHY (Very general)
OBITUARIES (Relevant)

GENERAL WORKS—COMPREHENSIVE


Institute for Scientific Information. ISI's who is publishing in science. Philadelphia, 1971- Q145.156*
Continues International directory of research and development sciences, 1965-1970. Q145.156


GENERAL WORKS--LIMITED


Contents: Jagadis Bose, Patrick Geddes, Victor Branford, Nicholas Roerich, Francis Bacon, Humphrey Davy, Michael Faraday.


Jones, Bessie Judith (Zaban), ed. The golden age of science; thirty portraits of the giants of 19th-century science, by their scientific contemporaries. New York, Simon and Schuster, in cooperation with the Smithsonian Institution, c1966. 659 p. Q141.J68*


BIBLIOGRAPHIES AND INDEXES


Biographical dictionaries master index. Dennis La Beau, Gary C. Tarbert, editors. Detroit, Gale Research Co., 1975-1976. 3 v. Z5305.U5B56*


ISIS cumulative bibliography; a bibliography of the history of science formed from ISIS critical bibliographies 1-90, 1913-1965. London, Mansell, in conjunction with the History of Science Society, 1971. 3 v. Z7405.H612*


Continues American men of science, 1906-


See especially--Appendix (37 p.)


Contents: Benjamin Franklin, Joseph Henry, Josiah Willard Gibbs, Thomas Alva Edison.


Contents: Cotton Mather, Benjamin Franklin, Louis Agassiz, George Washington Carver, Robert Oppenheimer.


Who was who in American history--science and technology. Chicago, Marquis Who's Who, c1976. 688 p. Q149.U5W5*


NATIONAL SOURCES--OTHER COUNTRIES (SELECTED)


Men of science and technology in India. New Delhi, Premier Publishers, 1964-


Royal Society of London. Biographical memoirs of fellows. London, 1955-

Scholta, Karl, comp. Deutsche Wissenschaftler und Forscher im niederländischen Raum seit 1600... Soest (Holland) "Der Meilenstein" Verlag, 1943. 2 v. Q141.S32


SUBJECT SOURCES

Aeronautics and Astronautics


Agriculture


Astronomy


Land, Barbara. The telescope makers; from Galileo to the space age. New York, Crowell, c1968. 239 p. QB88.L3


Biological Sciences


Based on J. Britten and G. S. Boulger's A biographical index of British and Irish botanists.


Contents: Edwin James, John Charles Fremont, Charles Christopher Parry, Edward Lee Greene, Thomas Conrad Porter, Harry Norton Patterson, Marcus Eugene Jones, Eugene Penard, Theodore Dru Alison Cockerell.


Contents include: Jacob Boll, Jean Louis Berlandier, Thomas Drummond, Audubon, Louis Cachand Ervendberg, Frederick Jakob Lindheimer, Ferdinand Roemer, Charles Wright, Gideon Lincecum, Julien Reverchon, Gustaf Wilhelm Belfrage.


Chemistry


Contents: v. 1, 4th-19th century; v. 2, 19th-20th century.

Supersedes Who's who in the chemical and drug industry. 1928-

Chemical industry directory and who's who. London, Benn Bros., 1923- TP1.C34*


Includes: Perkin, Mendeleeff, Ramsey, Richards, van't Hoff, Arrhenius, Moissan, Madame Curie, Victor Meyer, Remsen, Fischer.


Includes: Robert Boyle, Joseph Priestley, Carl Wilhelm Scheele, Henry Cavendish, James Watt, Antoine-Laurent


Engineering


Contents: Goethals, Turner, Davidson, Gilbreth, Roebling, Singstad, Bush, Suman, Mead, Goddard.


Smiles, Samuel. Lives of the engineers; with an account of their principal works comprising also, a history of inland communication in Britain. New York, A. M. Kelley, 1968. 3 v. TA139.S65 1968


Geology, Mineralogy, Paleontology


Contents: Hypatia, the "witch" of Agnesi, Emilie de Breteuil, Marquise du Chatelet, Caroline Herschel, Sophie Germain, Mary Fairfax Somerville, Sonya Corvin-Krukovsky Kovalevsky, Emmy (Amalie) Noether.


Biographical data on more than 2,200 practitioners.


Contents: Semmelweis, Banting, Minot, Spencer, Evans, McCoy, Schaudinn, Bordet, Wagner-Jauregg, Finsen, Rollier, Strandberg.


Dobson, Jessie. Anatomical eponyms: being a biographical dictionary of those anatomists whose names have become incorporated into anatomical nomenclature, with definitions of the structures to which their names have been attached, and references to the works in which they are described. London, Bailliere, Tindall & Cox, 1946. 240 p. QM16.A2D6


Covers period from 1834-1930.


Thacher, James. *American medical biography; or, memoirs of eminent physicians who have flourished in America, to which is


Includes: Morgagni, Auenbrugger, Jenner, Galvani, Laennec, Grave, Stokes, Corrigan, Muller, Schwann, Bernard, Pasteur, O'Dwyer.


Williams, Stephen West. American medical biography; or, memoirs of eminent physicians; embracing principally those who have died since the publication of Dr. Thacher's initial work in 1828 on the same subject. New York, Milford House, 1967, 1845. 664 p. R153.W5 1967


Includes "Biographies" section: p. 75-384.

Physics


International Centre for Theoretical Physics. Directory of theoretical physicists from developing countries. Trieste, 1970. 43 p. QC15.I57


Psychological Sciences


TECHNOLOGY


ABSTRACTING AND INDEXING SERVICES that index relevant journal articles and other literature are

- Applied Science & Technology Index (1913-) Z7913.I7*
- Bibliography and Index of Geology (1933-) Z6031.G4*
- Bibliography of Agriculture (1942-) Z5073.U572*
- Biography Index (1946-) Z5301.B5
- Biological Abstracts (1926-) QH540.B37*
- British Technology Index (1962-) Z7913.B7*
- Chemical Abstracts (1907-) QD1.A51*
- Current Biography (1940-) CT100.C3
- Current Work in the History of Medicine (1954-) R131.A1C8
- Engineering Index (1884-) Z5851.E62*
- New York Times Biographical Service (1969-) CT120.N45
- New York Times Index (1913-) A121.N44
- Physics Abstracts (1898-) Q1.S3*
- Psychological Abstracts (1927-) BF1.P65*
- Readers' Guide to Periodical Literature (1900-) AI3.R45

JOURNALS that often contain biographical articles on scientists are

- Agricultural History SI.A16
- American Psychologist BF1.A55
- American Scientist LF85.S502
- British Journal of the History of Science Q125.B77
- Bulletin of the History of Medicine R11.B93
- History of Science: a Review of Literature and Research in the History of Science, Medicine and Technology and Its Intellectual and Social Context Q125.H63*
- Industrial Archaeology T37.I5
- Isis Q1.I7*
- Journal of Chemical Education QD1.J93*
- Janus R131.A1J3
- Osiris Q1.07
- Science Q1.S35*
- Scientific American T1.S5*
- Scientific Monthly Q127.U687
- Technology and Culture T1.T27*