The New Encyclopædia Britannica

THE INDEX

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FOUNDED 1768
15 TH EDITION



Encyclopædia Britannica, Inc.
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"Let knowledge grow from more to more
and thus be human life enriched."

The *Encyclopædia Britannica* is published with the editorial advice of the faculties of the University of Chicago.

Additional advice is given by committees of members drawn from the faculties of the Australian National University, the universities of British Columbia (Can.), Cambridge (Eng.), Copenhagen (Den.), Edinburgh (Scot.), Florence (Italy), London (Eng.), Marburg (W.Ger.), Oxford (Eng.), the Ruhr (W.Ger.), Sussex (Eng.), Toronto (Can.), Victoria (Can.), and Waterloo (Can.); the Complutensian University of Madrid (Spain); the Max Planck Institute for Biophysical Chemistry (W.Ger.); the New University of Lisbon (Port.); the School of Higher Studies in Social Sciences (Fr.); Simon Fraser University (Can.); and the State University of Leiden (Neth.).

First Edition	1768–1771
Second Edition	1777–1784
Third Edition	1788–1797
Supplement	1801
Fourth Edition	1801–1809
Fifth Edition	1815
Sixth Edition	1820–1823
Supplement	1815–1824
Seventh Edition	1830–1842
Eighth Edition	1852–1860
Ninth Edition	1875–1889
Tenth Edition	1902–1903

Eleventh Edition
© 1911
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Twelfth Edition
© 1922
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Thirteenth Edition
© 1926
By Encyclopædia Britannica, Inc.

Fourteenth Edition
© 1929, 1930, 1932, 1933, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973
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Fifteenth Edition
© 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989
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Printed in U.S.A.

Library of Congress Catalog Card Number: 87-83306
International Standard Book Number: 0-85229-493-X

How to use the INDEX

The INDEX to volumes 1 to 29 begins on page 1 of this volume. The INDEX is the result of an accumulation of hundreds of thousands of references locating precisely the section of a page in which a person, place, thing, or idea is mentioned in any of the thousands of *Encyclopædia Britannica* articles. These references have been assembled, combined, edited, and alphabetized to make an INDEX of more than 400,000 references. This INDEX gathers together all the topics covered by the more than 40,000,000 words in the text, sorts them out, and tabulates them for much the same reason that roads and signposts are planned and built in an unfamiliar country.

Encyclopædia Britannica is so vast a work that it cannot be used to greatest advantage without first consulting the INDEX. For example, if readers turn to "United Kingdom" in Volume 29, they will find a long article, but this by no means represents all the information in *Britannica* about the United Kingdom. To find all of this material, readers must go to the INDEX, where, under the entry heading "United Kingdom," they will find not only the reference to the main article but also about 1,000 references to many related articles throughout the 29 text volumes of *Britannica*.

Or readers may wish to learn something about, say, joint disease. If they look in MICROPAEDIA Volume 6 at the appropriate alphabetical position, they will not find an article on joint disease. The INDEX, however, lists references to three other articles in *Encyclopædia Britannica* in which information on joint disease may be found.

Readers who turn to the INDEX first will use *Britannica* most intelligently and profitably. Because the purpose of the many thousands of INDEX entries is to classify, clarify, and search out specific information, much attention has been given to their simplification. All entry headings, regardless of the number of words they contain, are considered single headings and are alphabetized word by word according to the INDEX alphabetization rules explained at the end of this Introduction.

Entry headings for towns are followed by abbreviations giving the country, state, or other political subdivision in which the towns are situated. Names of lakes, rivers, and mountains are identified as physical features. Persons are often identified in parentheses by nationality or profession or both. Entry headings having identical spellings are usually followed by a parenthetical descriptive word or abbreviation. In the case of entry headings under which scores of references appear, the references are grouped under subheadings. For example, country articles usually have such subheadings as agriculture, forestry, and fishing; commerce and industry; education; history; etc. These subheadings are also arranged alphabetically.

In addition to containing entry headings that have volume and page references, the INDEX has thousands of cross-references. Cross-reference entries for alternative spellings and titles send readers to the main spelling or title. For example, the cross-reference "Constantinople: *see* Istanbul" means that all references with information about Constantinople will be listed under Istanbul. It is important to remember that cross-references in the INDEX refer only to other INDEX entries.

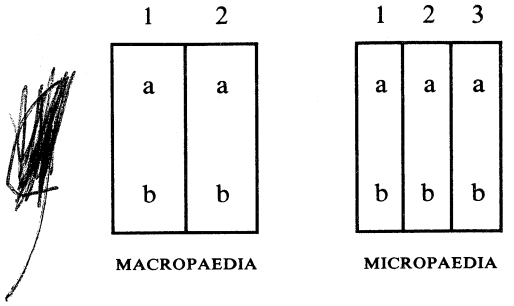
At the top of the outside column of each page of the INDEX is a key word or heading that identifies, on the left-hand page, the first entry or, on the right-hand page, the last entry. These enable readers to find more readily the subjects included on the two pages. Readers are also urged to study the Index Rules, which immediately follow this Introduction. There they will find detailed discussions and examples of the rules concerning geographical entries, references to illustrations, and so on. A List of Abbreviations used in the INDEX follows the Rules.

Index Rules. In the following INDEX, entry headings are set in boldface type, flush with the left-hand margin in a column; they are followed by an identifying phrase or word in parentheses. If the INDEX entry has a corresponding article in the text, the volume and page number of that article immediately follow the entry heading and identifier, on the same line if space permits. Subordinate to the entry heading are the subheadings referring readers to other articles containing information on the subject. These subheadings have a short phrase indicating the context in which the information will be found and are indented to indicate different levels of subordination.

Flaubert, Gustave (Fr. au.) **4**:821:3a
major ref. in French Literature
19:580:2b
association with
Colet **3**:449:2a
Du Camp **4**:242:2b
James **6**:486:1a
Maupassant **7**:952:1a
biography by Sartre **10**:460:3b;
25:638:1b
development of Realism **9**:974:1b;
18:792:2b, 794:1b
literary style **23**:89:1b
"Madame Bovary" **7**:402:2b;
23:127:1b

Entries in quotation marks denote titles of written material and works of art, such as books, paintings, newspapers, symphonies, etc.

All references to text articles in the MACROPAEDIA and MICROPAEDIA show the volume, page number, column of the page, and a letter "a" or "b" indicating the upper or lower half of the column. For example, **1**:485:3b points to the MICROPAEDIA Volume 1, page 485, the third column of the page, and the lower half of that column.



References to the PROPAEDIA volume may be entered on the first line under an entry heading and refer to the PROPAEDIA division or part in which the subject is broadly covered in the outline of knowledge.
Examples:

see PROPAEDIA: Part Three
see PROPAEDIA: Part One, Division II

They may also be placed at the end of an index entry in the following form:

for a list of related subjects see
PROPAEDIA: Section 421

(In this example, 421 denotes a section number, not a page number.)

References to the BRITANNICA WORLD DATA occur in the following form:

see BRITANNICA WORLD DATA for
statistical information.

Illustrations. Illustration references are preceded by the italicized abbreviation *illus.* If the illustration is a list, map, table, or chart, the reference is preceded by the italicized word *list, map, table,* or *chart.*

Alphabetization. The INDEX uses the word-by-word system of alphabetization (where a word is defined as one or more characters separated from the next one or more characters by a space). When one word differs from another only by the presence of additional letters at the end, the shorter word precedes the longer (*e.g.,* "gold" precedes "golden"). Entry headings consisting of more than one word are alphabetized among the single-word entries according to the first word, so that, for example, all of the entries starting with "gold" will be alphabetized in sequence. Entry headings having the first word in common (*e.g.,* "Gold Coast," "Gold Cup") will then be alphabetized among themselves according to the second word. Entry headings having three or more words in common follow the same principles.

Following is a set of examples:

gold
Gold, Helen
Gold, Thomas
Gold Coast
Gold Cup
Goldbach, Christian
Goldbach problem
Golden
Golden Gate
Golden Gate Bridge
Golden Gate Park
Goldenberg, Harold Mark

Diacritical marks do not affect alphabetization. If a diacritic is the only difference between two entry headings, the entry without the diacritic is first.

Hyphenated words (and words separated by en dashes [–]) are treated as two separate words, the hyphen (or dash) being treated as a space. Quotation marks used in titles of works are generally ignored in alphabetization. If the only difference between two entries is the presence of quotation marks in one, the entry heading without quotation marks is placed first.

Entry headings whose first characters are numerals are alphabetized as though the numbers were spelled out. The numerical components of entries are arranged according to their numerical value, from lowest to highest. For example:

Eight Immortals
1812, War of
Eighteenth Amendment
Eightfold Path

B-12
B-17
B-29
B-52

Abbreviations for "Saint(s)" and its foreign-language equivalents (St., Sta., Ste., SS., etc.) are alphabetized as if they were spelled out.

Saint John
Sainte-Beuve, Charles-Augustin
Sainte Marie aux Mines
SS. Peter and Paul Cathedral
Saintsbury, George Edward

Proper names having the prefix "Mac" or its contracted forms "Mc" and "M' " are all alphabetized as "Mac."

McCarey, Leo
M'Carthy, Charles
MacCarthy, Joseph
M'Carthy, Justin
MacCarthy Island

Honorifics and terms of address, such as "Sir" or "Mrs.," are considered in alphabetization only in titles that are otherwise identical.

Wood, Robert
Wood, Mrs. Robert
Wood, Sir Robert
Wood, Robert Alton

Identical entry headings are arranged in the following order: persons, places, things. For example,

Mercury (Roman deity)
Mercury (planet)
mercury (chem. element)

Geographical Entries. Geographical entities having identical spellings are grouped alphabetically by country *(i.e.,* Albania, Austria, . . . Zimbabwe). Within each country, such entities are listed in the following order: (1) political subdivision (province, district, etc.) in descending order or size; (2) city; (3) physical feature. For example:

Newport (N.S.W., Austr.)
Newport (Que., Can.)
Newport (Mayo, Ire.)
Newport (Tipperary, Ire.)
Newport (Dyfed, U.K.)
Newport (Gwent, U.K.)
Newport (I. of Wight, U.K.)
Newport (Salop, U.K.)
Newport (Ark., U.S.)
Newport (co., R.I., U.S.)
Newport (R.I., U.S.)
Newport Beach (Calif., U.S.)
Newport News (Va., U.S.)

Physical features that cross national boundaries are grouped alphabetically by continent (Africa, Antarctica, Asia, etc.), and such groups precede country groupings.

Niagara Falls (waterfall, N.Am.)
Niagara Falls (Ont., Can.)
Niagara Falls (N.Y., U.S.)

Abbreviations Used in the INDEX

abbrev.	abbreviation
acct.	accounting
A.C.T.	Australian Capital Territory
act.	actor, actress
AD	in the year of our Lord (Latin *anno Domini*)
adj.gen.	adjutant general
adm.	admiral
admin.	administration, administrative
adv.	advertising
Aeg.S.	Aegean Sea
aero.	aeronautics, aeronautical
Af.	Africa, African
Afg.	Afghanistan, Afghani
agri.	agriculture, agriculturist, agricultural
AH	in the year of the hijrah (hegira), or Muslim era (Latin *anno Hegirae*)
Ala.	Alabama
Alb.	Albania, Albanian
Alg.	Algeria, Algerian
Alsk.	Alaska, Alaskan
Alta.	Alberta
Am.	American
Am.Sam.	American Samoa
anat.	anatomy
anc.	ancient
And.	Andorra, Andorran
And.Is.	Andaman Islands
Ang.	Angola, Angolese
Ant.	Antigua, Antiguan
Antarc.	Antarctica
anthol.	anthology, anthologist
anthro.	anthropology, anthropologist, anthropological
Arab.	Arabia, Arabic, Arabian
arch.	architecture, architect, architectural
archae.	archaeology, archaeologist, archaeological
archbp.	archbishop
archip.	archipelago
Arct.	Arctic
Arg.	Argentina, Argentine
arith.	arithmetic
Ariz.	Arizona
Ark.	Arkansas
Arm.	Armenia, Armenian
arrond.	arrondissement
art.	artist
As.	Asia, Asiatic, Asian
Assoc.	Association
A.S.S.R.	Autonomous Soviet Socialist Republic
astrol.	astrology, astrologer
astron.	astronomy, astronomer, astronomical
astrophys.	astrophysics, astrophysicist, astrophysical
Atl.O.	Atlantic Ocean
au.	author
Aus.	Austria, Austrian
Austr.	Australia, Australian
aut.area	autonomous area
Av., or Ave.	Avenue, Avenida
b.	born
Babyl.	Babylonia, Babylonian
bac.	bacteriology, bacteriologist
Bah.	Bahamas, Bahamian
Bahr.	Bahrain, Bahrainian
Bal.Is.	Balearic Islands
Bangla.	Bangladesh, Bangladeshi
Barb.	Barbados, Barbadian
bart.	baronet
Bav.	Bavaria, Bavarian
BC	before Christ
B.C.	British Columbia
Beds.	Bedfordshire
Belg.	Belgium, Belgian
Ber.	Bermuda, Bermudan
Berks.	Berkshire
bev.	beverage
Bhut.	Bhutan, Bhutanese, Bhutani
bibl.	biblical
biblio.	bibliography, bibliographer
biochem.	biochemistry, biochemist
biog.	biography, biographer
biogeog.	biogeography
biol.	biology, biologist, biological
bldg.	building
Blvd.	Boulevard
Bohem.	Bohemia, Bohemian
Bol.	Bolivia, Bolivian
boro.	borough
bot.	botany, botanist, botanical
Bots.	Botswana (country and people)
bp.	bishop
Br.	Britain, British
Braz.	Brazil, Brazilian
brig.gen.	brigadier general
Brun.	Brunei
Bucks.	Buckinghamshire
Bulg.	Bulgaria, Bulgarian
Bur.	Burma, Burmese
Buru.	Burundi, Burundian
bus.	business
Byz.	Byzantium, Byzantine
c.	about, approximately (Latin *circa*)
Calif.	California
C.Am.	Central America
Camb.	Cambodia, Cambodian
Cambs.	Cambridgeshire
Camer.	Cameroon, Cameroons
Can.	Canada, Canadian
Can.Is.	Canary Islands
card.	cardinal
Carib.	Caribbean
caric.	caricature, caricaturist
cartog.	cartography, cartographer
cath.	cathedral
Cath.	Catholicism, Catholic
Cauc.	Caucasia, Caucasus
Cay.Is.	Cayman Islands
CE	Christian Era, Common Era
Celt.	Celtic
cent.	century
Cent.	Central
Cent. Af.Rep.	Central African Republic
chan.	channel
Chan.Is.	Channel Islands
chem.	chemistry, chemist, chemical
Ches.	Cheshire
Chil.	Chilean
Chin.	Chinese
chron.	chronology
class.	classification, classical
cler.	clergyman
Cleve.	Cleveland (English county)
co.	county
Co., co.	company
col(s).	column(s)
Col.	Colonel
coll.	college; collector, collection
Colo.	Colorado
Colom.	Colombia, Colombian
com.	commerce, commercial; commission; committee; commune
Com.	Comoros
comdr.	commander
comdt.	commandant
commo.	commodore
comp.	composer; compiler
comp.sci.	computer science
Con.B.	Congo, Republic of (Brazzaville), Congolese
Con.K.	Congo, Democratic Republic of (Kinshasa), Congolese
Conn.	Connecticut
const.	construction
Corn.	Cornwall
Corp.	Corporation
cpl.	corporal
C.R.	Costa Rica, Costa Rican
crit.	critic, criticism
crystall.	crystallography, crystallographer
C.Verde	Cape Verde
Cyp.	Cyprus, Cypriot
Czech.	Czechoslovakia, Czechoslovakian
d.	died
Dan.	Danish
D.C.	District of Columbia
Del.	Delaware
Dem., dem.	democratic
Den.	Denmark
dept.	department, *département*
Derby.	Derbyshire
dermatol.	dermatology, dermatologist
D.F.	Federal District (Spanish *Distrito Federal*)
dial.	dialect
dict.	dictionary
dipl.	diplomat
dir.	director
dist.	district
div.	division
dom.	dominion
Dom.	Dominica
Dom.Rep.	Dominican Republic
Dr., dr.	doctor; drive
dram.	dramatist
Drav.	Dravidian
Du.	Dutch
E.	East, Eastern
E.Af.	East Africa
Ec.	Ecuador, Ecuadorian
eccl.	ecclesiastical, ecclesiast
econ.	economics, economist
ed.	edition, editor
educ.	education, educator
e.g.	for example (Latin *exempli gratia*)
E.Ger.	East Germany
Egy.	Egypt, Egyptian
elec.	electricity, electric, electrical
El Sal.	El Salvador
embryol.	embryology
emp.	empire, emperor, empress
encyc.	encyclopaedia
Eng.	England, English
engin.	engineering, engineer
engr.	engraving, engraver
entom.	entomology, entomologist
Equat. Guin.	Equatorial Guinea
est.	estimate, estimated; estuary
Est.	Estonia, Estonian
E.Susx.	East Sussex
et al.	and others (Latin *et alii,* or *aliae*)
et seq.	and following page(s) (Latin *et sequens, sequentes,* or *sequentia*)
etc.	and so forth (Latin *et cetera*)
Eth.	Ethiopia, Ethiopian
ethnol.	ethnology, ethnologist
Eur.	Europe, European
exec.	executive
expl.	explorer
f.	father
Faer.Is.	Faeroe Islands
Falk.Is.	Falkland Islands, Falklander
fam.	family
Fed., fed.	federation, federal
Fili.	Filipino (native of the Philippines)
Fin.	Finland, Finnish
fin.	finance
fl.	flourished (Latin *floruit*)
Fla.	Florida
Flem.	Flemish
fol.	following
Found., found.	foundation
Fr.	France, French
Ft., ft.	fort
Ga.	Georgia
Gab.	Gabon, Gabonese
Gam.	Gambia, Gambian
gen.	general
geneal.	genealogy, genealogist, genealogical
genet.	genetics, geneticist
geog.	geography, geographer, geographical
geol.	geology, geologist, geological
geom.	geometry
geophys.	geophysics, geophysical, geophysicist
Ger.	Germany, German
Gib.	Gibraltar
Glos.	Gloucestershire
gov.	governor
govt.	government
Gr.	Greece, Greek
gram.	grammar, grammarian
Green.	Greenland
Gren.	Grenada
Gt.Br.	Great Britain
Gtr. London	Greater London
Gtr. Mches.	Greater Manchester
Guad.	Guadeloupe
Guat.	Guatemala, Guatemalan
Guin.	Guinea, Guinean
Guy.	Guyana, Guyanan
h.	husband
Hants.	Hampshire
Haw.	Hawaii, Hawaiian
Heb.	Hebrew
her.	heraldry
Here. &Worc.	Hereford and Worcester
Herts.	Hertfordshire
hist.	history, historian, historical
H.K.	Hong Kong
HMS	His, or Her, Majesty's Ship, or Service
Holl.	Holland
Hon.	Honourable
Hond.	Honduras, Honduran
hort.	horticulture, horticulturist
hts.	heights
Humbs.	Humberside
Hung.	Hungary, Hungarian
Hwy.	Highway
Ia.	Iowa
Ice.	Iceland, Icelandic
Ida.	Idaho
I.E.	Indo-European
i.e.	that is (Latin *id est*)
Ill.	Illinois
illus.	illustration
Inc.	Incorporated
incl.	including
ind.	independent
Ind.	Indiana
Ind.O.	Indian Ocean
Indon.	Indonesia, Indonesian
indus.	industry, industrialist, industrial
Inst., inst.	institute, institution
instru.	instrument
internat.	international
inv.	inventor
I.of Man	Isle of Man
I.of Wight, or I.O.W.	Isle of Wight
Ire.	Ireland
is., isl(s).	island, islands
Isr.	Israel, Israeli
isth.	isthmus
It.	Italy, Italian
Iv.Cst.	Ivory Coast
Jam.	Jamaica, Jamaican
Jor.	Jordan, Jordanian
journ.	journal, journalist, journalism
Jr.	Junior
jur.	jurist
k.	king
Kamp.	Kampuchea, Kampuchean
Kan.	Kansas
Ken.	Kenya, Kenyan
king.	kingdom
Kiri.	Kiribati
Kor.	Korea, Korean
Kuw.	Kuwait, Kuwaiti
Ky.	Kentucky
l.	lake; lane
La.	Louisiana
Lab.	Labrador, Labradorian
Lancs.	Lancashire

lang.	language
Lat.	Latin
Lat.Am.	Latin America, Latin American
law.	lawyer
lb	pound(s)
Leb.	Lebanon, Lebanese
Lee.Is.	Leeward Islands
leg.	legend, legendary; legislation
Leic.	Leicestershire
Les.	Lesotho
Lib.	Liberia, Liberian
libn.	librarian
Liech.	Liechtenstein
lieut.	lieutenant
Lincs.	Lincolnshire
ling.	linguistics, linguist
lit.	literature, literary
Lith.	Lithuania, Lithuanian
litho.	lithography, lithographer
Ltd.	Limited
Luxem.	Luxembourg, Luxembourgian
m.	married
Maced.	Macedonia, Macedonian
Mad.	Madagascar, Madagascan
mag.	magazine
maj.	major
Mal.	Malaysia, Malaysian
Malag. Rep.	Malagasy Republic
Mald.	Maldives, Maldivan
Man.	Manitoba
manag.	manager
Mart.	Martinique, Martinican
Mass.	Massachusetts
math.	mathematics, mathematician, mathematical
Maur.	Mauritius; Mauritania
Md.	Maryland
Me.	Maine
meas.	measure, measurement
mech.	mechanics
med.	medicine, medical
Medit.	Mediterranean
mer.	merchant
Mers.	Merseyside
Mesop.	Mesopotamia, Mesopotamian
met.	metallurgy, metallurgist, metallurgical
meteorol.	meteorology, meteorologist
Mex.	Mexico, Mexican
mfr.	manufacture, manufacturer
mi	mile(s)
Mich.	Michigan
microbiol.	microbiology, microbiologist
mil.	military
min.	mineral, mining, mineralogist, mineralogical
minis.	minister
Minn.	Minnesota
Miss.	Mississippi
Mo.	Missouri
mod.	modern
mon.	monument
Mon.	Monaco, Monacan, Monagasque
Mong.	Mongolia, Mongolian
Mont.	Montana
Monts.	Montserrat
Mor.	Morocco, Moroccan
Moz.	Mozambique, Mozambican
ms(s).	manuscript(s)
Mt., Mts., mt., mts.	mount(s), mountain(s)
mun.	municipality
mus.	music, musician, musical
myth.	mythology, mythological
N.	North, Northern
N.Af.	North Africa
N.Am.	North America
nat.	naturalist
natl.	national
naut.	nautical
nav.	naval
navig.	navigator
N.B.	New Brunswick
N.C.	North Carolina
N.Cal.	New Caledonia
N.Dak., or N.D.	North Dakota
Neb.	Nebraska
Neth.	The Netherlands
Neth.Ant.	Netherlands Antilles
Nev.	Nevada
news.	newspaper
Nfd.	Newfoundland
N.G.	New Guinea
N.H.	New Hampshire
Nic.	Nicaragua, Nicaraguan
nick.	nickname
Nig.	Nigeria, Nigerian
N.Ire.	Northern Ireland
N.J.	New Jersey
N.Kor.	North Korea
N.Mex., or N.M.	New Mexico
Nor.	Norway, Norwegian
Norf.	Norfolk
Northants.	Northamptonshire
Northum.	Northumberland
Notts.	Nottinghamshire
N.S.	Nova Scotia
N.S.W.	New South Wales
N.Terr.	Northern Territory (Australia)
N.W. Terr.	Northwest Territories (Canada)
N.Y.	New York
N.Y.C.	New York City
N.Yorks.	North Yorkshire
N.Z.	New Zealand
obl.	*oblast*
of.	officer
offi.	official
Okla.	Oklahoma
okr.	okrug
Ont.	Ontario
op.cit.	in the work cited (Latin *opere,* or *opus, citato*)
Ore.	Oregon
org(s).	organization(s)
osteol.	osteology
osteop.	osteopathology, osteopath
Oxon.	Oxfordshire
p.	page
Pa.	Pennsylvania
Pac.O.	Pacific Ocean
paint.	painting, painter
Pak.	Pakistan, Pakistani
Pal.	Palestine, Palestinian
paleob.	paleobotany, paleobotanist
paleog.	paleogeography
paleon.	paleontology, paleontologist
Pan.	Panama, Panamanian
Pap.N.G.	Papua New Guinea, Papuan
Par.	Paraguay, Paraguayan
parl.	parliament
passim to	references scattered between pages cited
path.	pathology, pathologist
P.E.I.	Prince Edward Island
penin.	peninsula
period.	periodical
Pers.	Persia, Persian
petrol.	petrology, petrologist
pharm.	pharmacy, pharmacist, pharmacology, pharmacologist
Phil.	Philippines
philan.	philanthropy, philanthropist
philol.	philology, philologist
philos.	philosophy, philosopher
phot.	photography, photographer
phys.	physics, physicist
physic.	physician
physiol.	physiology, physiologist, physiological
plat.	plateau
Pol.	Poland, Polish
pol.	politics, politician, political
pol.sci.	political science
Poly.	Polynesia, Polynesian
pop.	population
Port.	Portugal, Portuguese
poss.	possession
P.R.	Puerto Rico, Puerto Rican
pr.	priest
preft.	prefecture
prelim.	preliminary (census)
pres.	president
print.	printing, printer
pr.min.	prime minister
prof.	professor
Prot.	Protectorate; Protestant
prov.	province, provincial
pseud.	pseudonym, pseudonymous
psychol.	psychology, psychologist, psychological
pt.	point
ptg.	printing
pub.	public; publication
publ.	publisher
pvt.	private
q.	queen
qq.v.	which see (plural; Latin *quae vide*)
Que.	Quebec, Quebecer, Quebecker
Queens., or Qld.	Queensland
q.v.	which see (singular; Latin *quod vide*)
Rd., rd.	road
rear adm.	rear admiral
ref.	reference
reg.	region
rel.	religion, religious
rep.	representative; republic
res.	reservoir
reserva.	reservation
resid.	residency
rev.	revolution, revolutionary
R.I.	Rhode Island
riv.	river
Rom.	Romania, Romanian
R.R., r.r.	railroad
Russ.	Russia, Russian
Rw.	Rwanda, Rwand
ry.	railway
S.	South, Southern
S., s.	Saint (*San, Santo, Sant'*)
S.Af.	South Africa, South African
Sam.	Samoa, Samoan
S.Am.	South America, South American
San Mar.	San Marino
Sask.	Saskatchewan
Saud. Arab.	Saudi Arabia, Saudi, Saudi Arabian
S.Austr.	South Australia
S.C.	South Carolina
Scand.	Scandinavia, Scandinavian
schol.	scholar
sci.	science, scientist, scientific
Scot.	Scotland, Scottish
sculp.	sculpture, sculptor
S.Dak., or S.D.	South Dakota
sen.	senator
Sen.	Senegal, Senegalese
Sey.	Seychelles
S.F.S.R.	Soviet Federated Socialist Republic
S.Glam.	South Glamorgan
sgt.	sergeant
Shrops.	Shropshire
Sib.	Siberia, Siberian
Sing.	Singapore, Singaporan
S.Kor.	South Korea
S.L.	Sierra Leone
soc.	society, social; socialist
sociol.	sociology, sociologist, sociological
Sol.Is.	Solomon Islands
Som.	Somali, Somalia (Somali Republic), Somalian
Somer.	Somerset
Sov.	Soviet
Sp.	Spain, Spanish
spr(s).	spring(s)
Sr.	Senior
SS	Steamship
SS., ss.	Saints
S.S.R.	Soviet Socialist Republic
St., st.	Saint (*Sankt, Sint*); street
Sta.	Saint (*Santa*)
Staffs.	Staffordshire
states.	statesman
statis.	statistician, statistics
Ste.	Saint (*Sainte*)
St.Kitts	Saint Kitts-Nevis-Anguilla
St.P.&M.	Saint Pierre and Miquelon
str.	strait
Sud.	Sudan, Sudanese
Suff.	Suffolk
Sum.	Sumatra
Sur.	Suriname
surg.	surgery, surgeon
S.W.A.	South West Africa/ Namibia
Swaz.	Swaziland
Swed.	Sweden, Swedish
Switz.	Switzerland
S.Yorks.	South Yorkshire
Syr.	Syria, Syrian
Tai.	Taiwan, Taiwanese
Tan., or Tanz.	Tanzania, Tanzanian
Tas.	Tasmania, Tasmanian
tech.	technology, technological
Tenn.	Tennessee
terr.	territory, territorial
Tex.	Texas
Thai.	Thailand, Thai
thea.	theatre, theatrical
theol.	theology, theologian, theological
Tib.	Tibet, Tibetan
trag.	tragedy, tragedian
Tr. and Tob.	Trinidad and Tobago
trans.	translated, translation, translator
trib.	tributary
trig.	trigonometry
Tr.Terr. Pac.Is.	Trust Territory of the Pacific Islands
Tun.	Tunisia, Tunisian
Tur.	Turkey, Turkish
Tuv.	Tuvalu, Tuvaluan
twp.	township
typog.	typography
U.A.E.	United Arab Emirates
Ugan.	Uganda, Ugandan
U.K.	United Kingdom
UN	United Nations
Univ., univ.	university
Urug.	Uruguay, Uruguayan
U.S.	United States
U.S.A.	United States of America
U.S.S.R.	Union of Soviet Socialist Republics
Va.	Virginia
val.	valley
Van.	Vanuatu
Venez.	Venezuela, Venezuelan
vet.	veterinarian, veterinary
Vic.	Victoria
vice adm.	vice admiral
vice pres.	vice president
Viet.	Vietnam, Vietnamese
vil.	vilayet
Vir.Is.	Virgin Islands
viz.	namely (Latin *videlicet*)
vol.	volume(s)
Vt.	Vermont
W.	West, Western
w.	wife
W.Af.	West Africa, West African
Warw.	Warwickshire
Wash.	Washington
W.Austr.	Western Australia
W.Ger.	West Germany
W.I.	West Indies
Wilts.	Wiltshire
Wis.	Wisconsin
W.Mids.	West Midlands
writ.	writer
W.Sam.	Western Samoa, Western Samoan
W.Susx.	West Sussex
W.Va.	West Virginia
W.W.	world war
Wyo.	Wyoming
W.Yorks.	West Yorkshire
Yem.	Yemen, Yemeni
Yugos.	Yugoslavia, Yugoslavian
Zimb.	Zimbabwe, Zimbabwean
zool.	zoology, zoologist, zoological
Zor.	Zoroastrianism, Zoroastrian

L

l-(L- *or* (-)) (isomeric form in chem.): *see under* general chemical compound by name, *e.g.*, for L-thyroxine acid *see* thyroxine; except as below
"L'Alphabet des mouvements du corps humain" (work by Stepanov)
use in choreography **3**:267:2a
L-D process: *see* basic oxygen process
L-dopa (chem. compound)
function in endocrine system **18**:426:1b
treatment of Parkinson's disease **9**:160:2a; **17**:504:1b
L fibre (biol.): *see* salt receptor
L-function (math.)
major ref. in Number Theory **25**:25:1a
L-head engine (mech.)
cylinder block designs **18**:481:2a
L. Straus and Sons (Am. co.)
establishment by Straus family **11**:307:3b
L-tetraiodothyronine (hormone): *see* thyroxine
LA (Br. org.): *see* Library Association
La (chem. element): *see* lanthanum
la (in proper names): *see* below and *see also* names spelled with no space after "la" (*e.g.*, La-Fontaine, Sir Louis Hippolyte)

"De," "la," "van," and similar components of a name, when followed by a space, are alphabetized as separate words (e.g., De Forest, Lee). When they are joined to the following part of a name, the combination is treated as a single word (e.g., DeForest, John William).

La-ang-ts'o, *or* Langak Tso (l., China)
geography of Tibet **16**:207:1a
La Baie (Que., Can.) **7**:61:1a
La Barre, Jean-François Lefebvre, chevalier de (Fr. nobleman)
Voltaire's reaction to his execution **19**:574:1a; **29**:542:1a
"Là-bas" (work by Huysmans): *see* "Down There"
La Baule-Escoublac (resort, Fr.): *see* Baule-Escoublac, La
La Baume le Blanc, Louise-Francoise de (Fr. mistress): *see* La Vallière, Louise-Françoise de La Baume le Blanc, duchesse de
La Beckwith, Byron de (Am. assassin)
murder of Evers **4**:621:3a
La Boétie, Étienne de (Fr. au.)
association with Montaigne **24**:353:1b
La Bourdonnais, Bertrand-François Mahé, comte de (Fr. of.) **7**:61:1a
history of
India **21**:79:2a
Réunion **21**:179:1b
La Brea Tar Pits (tar pits, Calif., U.S.) **7**:61:1b
location in Los Angeles **23**:310:1a, *map* 308
remains of dire wolves **4**:118:1b
La Bruyère, Jean de (Fr. au.) **7**:61:1b
contribution to French literature **19**:573:1b
views on letter writing **23**:195:1a
La Calprenède, Gaultier de Coste, seigneur de (Fr. au.) **7**:61:2b
La Ceiba (Hond.): *see* Ceiba, La
La Chalotais, Louis-René de Caradeuc de (Fr. magistrate) **7**:61:3a
La Chapelle (La., U.S.): *see* Abbeville
La Chapelle-aux-Saints fossil (paleon.)
compared with Asian fossils **14**:225:1a
La Chaussée, Pierre-Claude Nivelle de (Fr. playwright) **7**:61:3b
contribution to French literature **19**:574:2b
La Chaux-de-Fonds (Switz.): *see* Chaux-de-Fonds, La
La Chétardie, Jacques-Joachim Trotti, marquis de (Fr. dipl.) **7**:61:3b
la chin (mus. instru.): *see* ch'in
la ch'in (mus. instru.): *see* yüeh-ch'in
La Condamine, Charles-Marie de (Fr. nat. and math.) **7**:62:1a
exploration of Amazon Rain Forest **27**:710:1b
"La Coubre" (ship)
explosion **1**:977:1b
La Crosse (Wis., U.S.) **7**:62:1b
location *map* **29**:158
La Crosse Railroad (Am. ry.)
contribution by Sage **10**:299:3b
La Curne de Sainte-Pelaye, Jean Baptiste de (Fr. lexicographer) **7**:62:2a
La Estrelleta (prov., Dom.Rep.): *see* Elías Piña
La Farge, John (Am. paint.) **7**:62:2a
role in stained glass revival **17**:199:1a
La Farge, Oliver Hazard Perry (Am. au. and anthro.) **7**:62:3a
La Farina, Giuseppe (It. rev., writ., and hist.) **7**:62:3b
La Fayette, Gilbert Motier de (marshal of Fr.) **7**:63:1a
La Fayette, Marie-Joseph-Paul-Yves-Roch-Gilbert du Motier, marquis de (Fr. noble): *see* Lafayette, Marie-Joseph-Paul-Yves-Roch-Gilbert du Motier, marquis de
La Fayette, Marie-Madeleine Pioche de la Vergne, comtesse de, *or* Madame de La Fayette (Fr. au.) **7**:63:1b
contribution to French literature **19**:572:2b
La Flesche, Francis (Am. ethnol.) **7**:63:2a
association with Fletcher **4**:830:1b
La Flesche, Susette, *or* Bright Eyes (Am. au. and activist) **7**:63:2b
La Follette, Robert Marion (U.S. sen.) **7**:63:3a
history of
Progressive Party **9**:722:2b
Wisconsin **29**:401:2a
La Follette Seaman's Act (U.S. hist.)
proposed by La Follett **7**:64:1b
"La Follette's Weekly" (Am. pub.): *see* "Progressive, The"
La Fontaine, *or* Mlle de Lafontaine (Fr. ballerina) **7**:64:2b
La Fontaine, Jean de (Fr. poet) **7**:64:3a
major ref. in Art of Literature **23**:112:2b
association with Racine **9**:879:2b
contribution to French literature **19**:572:2b
influence of Aesop **1**:123:1b
"La Fontaine et ses fables" (work by Taine)
discussed in biography **11**:507:2a
La Forge, Louis de (Fr. physic.)
views on soul and body **15**:593:2a
La Fosse, Charles de, *or* Charles Delafosse (Fr. art.) **7**:65:3b
La France (aircraft)
design by Charles Renard **9**:1023:2b
La Fresnaye, Roger de (Fr. paint.) **7**:66:1a
La Frontera (geog. reg., Chile)
major ref. in Chile **16**:21:1b
La Galaisière, Legentil de (Fr. astron.)
discovery of Trifid Nebula **11**:923:3b
La Galissonière, Roland-Michel Barrin, marquis de, *or* Roland-Michel Barin, marquis de La Galissonière (comdt.-gen. of New Fr.) **7**:66:1b
history of Canada **15**:502:2a
La Giocosa (It. hist. school)
major ref. in History of Education **18**:39:1b
role of Vittorino da Feltre **12**:407:1b
La Goulette (Tun.): *see* Halq al-Wadi
La Grande, *or* Brownsville (Ore., U.S.) **7**:66:2a
location *map* **29**:158
La Grandière, Pierre-Paul-Marie-Benoît de (Fr. adm.)
effect on Vietnamese history **27**:860:1a
La Grange (Ga., U.S.) **7**:66:2a
location *map* **29**:158
La Guardia, Fiorello Henry (mayor of New York City) **7**:66:2b
political methods **24**:873:2a
La Guma, Alex (S.Af. writ.) **7**:66:3a
South African literature **11**:34:3b; **13**:139:2b
La Habana (prov., Cuba) **7**:66:3b
Cuba **29**:745:2a
La Habana (Cuba): *see* Havana
La Habana vieja (dist., Havana, Cuba): *see* Havana
La Halle, Adam de (Fr. poet): *see* Adam de la Halle
La Harpe, Frédéric-César de (Swiss pol.) **7**:67:1a
influence on Alexander I **1**:242:2b
role in Vaud liberation movement **28**:367:1b
La Harpe, Jean-François de (Fr. crit.) **7**:67:1b
La Hire, Laurent de, *or* Laurent de La Hyre (Fr. paint.) **7**:67:1b
La Hontan, Louis-Armand de Lom d'Arce, baron de, *or* Louis-Armand de Lom d'Arce baron de Lahontan, *or* Louis-Armand de Lom d'Arce (Fr. soldier) **7**:67:2a
La Jaunaye, Convention of (Fr. hist.)
effect on Vendée Wars **12**:300:2b
La Jolla Submarine Canyon (Pac.O.)
fan valleys **25**:154:2b
Scripps Canyon **10**:571:2b
submarine slump **11**:344:2a
La Junta (Colo., U.S.) **7**:67:2b
location *map* **29**:158
la Kara, *or* Kara (reg., Togo) **7**:67:2b
La Lajuela (C.R.): *see* Alajuela
La Libertad (dept., El Sal.) **7**:67:3b
La Libertad (El Sal.) **7**:67:3b
La Libertad, *or* Libertad (dept., Peru) **7**:67:3a
location *map* **25**:508
La Línea, *or* La Línea de la Concepción (Sp.) **7**:67:3b
La Louvière (Belg.) **7**:68:1a
role in
Belgium **23**:344:1a
Centre **3**:31:1b
La Ma'dukelleng (Buginese aristocrat): *see* Arung Singkang
La Mama Experimental Theatre Company
U.S. theatre **29**:201:2a
La Mancha (plat., Sp.) **7**:68:1a
Castile-La Mancha **2**:934:2b
soil conditions **28**:68:2a
La Marche, Olivier de (Burgundian au.) **7**:68:1b
rhétoriqueur legacy **10**:21:1a
La Marmora, Alfonso Ferrero (It. gen. and states.) **7**:68:2a
role in Italian history **22**:231:2a
La Matanza (partido, Arg.) **7**:68:2b
La Mesnardière, Hippolyte-Jules Pilet de (Fr. au.)
French literature **19**:571:1b
La Mettrie, Julien Offroy de (Fr. physic. and philos.) **7**:68:3a
Descartes's influence **25**:632:1b
philosophical views **25**:761:2b
Epicureanism **25**:584:1b
Materialism **18**:757:2b
"La Mort: Mon ironie dépasse toutes les autres" (print by Redon)
effect of lithography *illus.* **26**:117
La Mothe Le Vayer, François de, *or* Orosius Tubero (Fr. philos.) **7**:68:3b
contribution to French literature **19**:573:1b
La Motte, Comtesse de (Fr. adventuress)
role in Affair of the Diamond Necklace **4**:65:2a
la Motte, Jean-Baptiste de (Fr. arch.)
design of Gostiny Dvor **22**:955:2a
La Noue, François de (Fr. Huguenot leader) **7**:69:1b
La Orotava (Sp.) **7**:69:1b
La Oroya, *or* Oroya (Peru) **7**:69:2a
La Palma (Pan.)
importance in Darién **3**:886:1a
La Palma, *or* San Miguel de la Palma (is., Canary Islands, Sp.) **7**:69:2a
major ref. in Spain **28**:66:2b
La Pampa (prov., Arg.) **7**:69:2a
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La Paz (dept., Bol.) **7**:69:2b
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La Paz (Bol.) **7**:69:3a
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location *map* **15**:161
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La Paz (dept., El.Sal.) **7**:70:1a
La Paz (dept., Hond.) **7**:70:1a
La Paz (Hond.) **7**:70:1a
La Paz (Mex.) **7**:70:1b
Baja California **1**:810:1a
location *map* **24**:28
La Paz (Urug.)
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La Paz, Cordillera de (mt. range, S.Am.)
Cordillera Real **9**:972:3a
La Pérouse, Jean-François de Galaup, comte de (Fr. navig.) **7**:70:1b
La Perouse Strait, *or* Proliv Laperuza, *or* Sōya Strait, *or* Sōya-Kaikyō (str., U.S.S.R.) **7**:70:2b
prehistoric migration to Japan **22**:303:2b
Sea of Japan **14**:281:1b
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La Piedad Cavadas (Mex.) **7**:70:2b
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La Planche, François de, *or* Franz van den Planken (Flem. weaver)
development of tapestry loom **17**:89:2b
La Plata (Arg.) **7**:70:3a
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La Plata (Bol.): *see* Sucre
La Plata, University of (univ., La Plata, Bol.)
importance to Boliva **22**:837:2a
La Plata, Viceroyalty of (Bol. hist.)
administration by Spain **28**:50:2b
La Plata River, *or* Río de la Plata (riv., P.R.) **7**:70:3b
La Porrée, Gilbert de (Fr. bp.)
conflict with Bernard of Clairvaux **2**:145:3a; **25**:752:1b
La Porte (Ind., U.S.) **7**:70:3b
La Reforma, (Mex. hist.): *see* Reforma, La
La Renaudie (Fr. nobleman)
Conspiracy of Amboise **1**:319:1a
La Révellière-Lépeaux, Louis-Marie de (Fr. pol.) **7**:71:1a
La Rioja (prov., Arg.) **7**:71:1b
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La Rioja (Arg.) **7**:71:2a
location *map* **14**:44
La Rioja (reg., Sp.) **7**:71:2a
Spanish language development **22**:644:2b
La Rive, Auguste-Arthur de (Fr. phys.) **7**:71:3b
La Roche, Sophie von, *or* Sophie Gutermann (Ger. writ.) **7**:72:1a
La Roche-sur-Yon (Fr.): *see* Roche-sur-Yon, La
La Rochefoucauld, François VI, duc de *or* Prince de Marcillac (Fr. writ.) **7**:72:2a
affair with duchesse de Longueville **7**:470:2a
contribution to French literature **19**:571:2b
La Rochefoucauld family (Fr. noble fam.) **7**:72:1b
La Rochefoucauld-Liancourt, François-Alexandre Frédéric, duc de (Fr. educ.) **7**:73:2a
La Rochejaquelein, Henri Vergier, comte de (Fr. noble)
role in Vendée Wars **12**:300:2a
La Rochelle (Fr.): *see* Rochelle, La

La Rochelle, Pierre Drieu (Fr. pol. figure): *see* Drieu La Rochelle, Pierre
La Rocque, Jean-François de, sieur de Roberval (Fr. expl.): *see* Roberval, Jean-François de La Rocque, sieur de
La Romana (prov., Dom.Rep.) **7**:73:3a
La Romana (Dom.Rep.) **7**:73:3a
La Rue, Bubbles (marionette character)
creation of Bil and Cora Baird **1**:809:1a
La Rue, Pierre de, *or* Peter van Straten, *or* Pierchon, *or* Perchon, *or* Pierson de La Rue (Flem. comp.) **7**:73:3a
La-sa (Tibet, China): *see* Lhasa
La Sáenz (Lat. Am. rev.): *see* Sáenz, Manuela
La Sale, Antoine de, *or* Antoine de La Salle (Fr. writ.) **7**:73:3b
contribution to French literature **19**:567:1b
La Salle (Ill., U.S.) **7**:74:1b
La Salle (Que., Can.) **7**:74:1a
La Salle, René-Robert Cavelier, sieur de (Fr. expl.) **7**:74:2a
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Frontenac **5**:22:1b
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Mississippi River **24**:1015:1a
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history of South Bend **11**:39:2b
La Salle, Saint Jean-Baptiste de (Fr. educ.) **7**:74:1b
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"La Salle and the Discovery of the Great West" (work by Parkman)
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La Scala, *or* Teatro alla Scala (opera house, Milan, It.) **7**:75:1a
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La Sila (mts., It.)
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La Spezia, *or* Spezia (nav. base, It.) **7**:75:2a
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La Taille, Jean de (Fr. au.) **7**:75:2a
La Tène (archae. site and culture, Eur.) **7**:75:2b
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La Tour, Charles Cagniard de (Fr. engin.): *see* Cagniard de La Tour, Charles
La Tour, Charles Turgis de Saint-Etienne de (gov. of Acadia) **7**:75:3b
La Tour, Georges de (Fr. art.) **7**:76:1a
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La Tour, Maurice-Quentin de, *or* Maurice Quentin de Latour (Fr. art.) **7**:76:2a
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Charles Edward, the Young Pretender *illus.* **3**:124
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La Tour du Pin, House of (Fr. hist.)
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La Trappe, Abbey of (abbey, Fr.)
association with Trappists **3**:331:1a; **11**:904:1a
La Trémoille, Georges de (Fr. noble) **7**:76:2b
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La Trobe River, *or* Glengarry (riv., Vic., Austr.) **7**:76:3a
La Tuque (Que., Can.) **7**:76:3b
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La Unión (dist., Guat.)
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La Union (prov., Phil.) **7**:77:1a
La Vallière, Louise-Françoise de La Baume le Blanc, duchesse de (Fr. mistress) **7**:77:1a
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La Varenne, François-Pierre de (Fr. chef)
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French culinary art **19**:692:1a
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La Vauguyon, Antoine de Quélen de Caussade, duc de (Fr. educ.)
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La Vega (prov., Dom. Rep.) **7**:77:2a
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La Venta (archae. site, Mex.)
major ref. in Pre-Columbian Civilizations **26**:5:2b, *illus.* 3
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La Vérendrye, Pierre Gaultier de Varennes, sieur de (Fr.-Can. soldier and expl.) **7**:77:2b
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Manitoba **7**:780:1a
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La Victoria (dist., Peru) **7**:77:3a
La Vrillière, Phélypeaux de (Fr. of.)
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Labadie, Jean de (Fr. theol.) **7**:77:3b
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Laban, Rudolf, *or* Rudolf von Laban (dance theorist) **7**:78:1b
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Lavery, Sir John (Br. paint.)
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Lavinde, Gabriele de (It. cryptologist)
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Lavinia (Roman myth.)
association with Turnus **12:**67:3b
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chemistry **14:**949:2a; **15:**932:1b; **27:**39:2b
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"Lavoratore, Il" (It. Communist publ.)
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Lavrenov, Tsanko (Bulg. art.)
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Lavrov, Pyotr Lavrovich, *or* Pyotr Lavrovich Mirtov (Russ. philos.) **7:**200:2a
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see also bar association; judiciary; law, philosophy of; law, practice and profession of; law code; legal aid; legal education; legal ethics; legal systems; specific systems, *e.g.,* Anglo-Saxon law, common law, Germanic law, Roman law; branches of law, *e.g.,* administrative law; business law; comparative law; constitutional law; criminal law; family law; international law; military law; procedural law; tax law; tort; transportation law; agents and institutions of the law, *e.g.,* court; judge; lawyer; and countries, persons, and individual pieces of legislation by name
LAW (Am. org.): *see* American Wheelman, League of
LAW (weapon): *see* light antitank weapon
"Law" (bibl. lit.): *see* "Torah"
Law, Andrew Bonar (pr.min. of U.K.) **7:**200:3a
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Austin **1:**711:1a
Han-fei-tzu **5:**673:2a
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Marx **22:**939:1b
Montesquieu **8:**284:3b
Rousseau **26:**1005:1b
law, profession and practice of **22:**859:1a
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Blackstone **2:**263:3a
Coke **3:**439:3b
Erskine of Restormel **4:**549:2a
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Law, Roger (Br. comedian): *see* Biographies in the 1987 BRITANNICA BOOK OF THE YEAR
law, wager of (Eng. law): *see* compurgation
Law, William (Br. au.) **7:**201:1b
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"Law as a Means to an End," *or* "Der Zweck im Recht" (work by Jhering)
discussed in biography **6:**548:2b
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see also codification; crime
Law Courts (bldg., London, U.K.): *see* Royal Courts of Justice
Law for the Protection of German Blood and German Honour (Ger. hist.): *see* Gesetz zum Schutze des Deutschen Blutes und der Deutschen Ehre
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law of . . . : *see under* substantive word, *e.g.,* nature, law of, except as below
"Law of Civilization and Decay" (work by Adams)
discussed in biography **1:**81:1a
"Law of Freedom in a Platform, The" (work by Winstanley)
discussed in biography **12:**707:1b
"Law of Nature" (work by Locke)
discussed in biography **23:**231:1b
"Law of Population" (work by Sadler)
discussed in biography **10:**294:1b
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Law Society (Br. legal org.)
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Lawa language
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Lawes, Sir John Bennet, 1st Baronet (Eng. agronomist) **7:**202:1b
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Lawes, Lewis Edward (Am. penologist) **7:**202:2a
Lawes, William (Eng. comp.) **7:**202:2b
Lawick-Goodall, Jane Van, Baroness (Br. ethol.): *see* Goodall, Jane
Lawler, Raymond Evenor (Austr. dram.) **7:**202:2b
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lawn croquet (sport): *see* croquet
lawn leaf (bot.): *see* Dichondra
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Lawrence, David (Am. ed.)
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Lawrence, David Herbert (Eng. writ.) **7:**203:2b
approach to novel **23:**139:1b
contribution to
English literature **18:**600B:1a
literary criticism **23:**207:1a
example of nonfictional prose style **23:**191:1a, 194:2b
opinion of Franklin **19:**556:1b
use of allegory **23:**115:2a
Lawrence, Ernest Orlando (Am. phys.) **7:**205:1a
association with Manhattan Project **7:**775:1b
development of
cyclotron **26:**508:1b
particle accelerators **3:**822:2b; **25:**445:1b
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Lawrence, Frederick William (Br. states.): *see* Pethick-Lawrence of Peaslake, Frederick William Pethick-Lawrence, Baron
Lawrence, Gertrude, *or* Gertrud Alexandra Dagma Lawrence Klasen (Br. act.) **7:**205:1b
Lawrence, H. Sherwood (Am. physic.)
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Lawrence, Sir Henry Montgomery (Br. colonial offi.) **7:**205:2a
Lawrence, Jacob (Am. paint.) **7:**205:3a
Lawrence, James (U.S. nav. of.) **7:**205:3a
Lawrence, John (Br. gov.-gen. of India)
forward policy in India **4:**896:3a
Lawrence, Sir Lawrence (Br. paint.)
portrait of John Scott, 1st earl of Eldon *illus.* **4:**421
Lawrence, Paul (Am. sociol.)
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Lawrence, Stringer (Br. of.) **7:**206:1b
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Aberdeen *illus.* **1:**28
Bentinck *illus.* **2:**111
Brougham *illus.* **2:**555
Campbell *illus.* **2:**776
Carter *illus.* **2:**906
Castlereagh *illus.* **2:**938
Consalvi *illus.* **3:**549
Frederick William III *illus.* **4:**960
George IV *illus.* **5:**196
Liverpool *illus.* **7:**411
Richelieu *illus.* **10:**50
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exploration of Arabian Desert **14:**252:2b
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"Lawrence of Arabia" (film by Lean)
performance by O'Toole **8:**1043:3a
"Lawrence of Arabia" (work by Aldington)
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Lawrence of Brindisi, Saint, *or* Saint Laurence of Brindisi, *or* San Lorenzo da Brindisi (Christian st.) **7:**203:1b
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Lawrence of the Punjab and of Grately, John Laird Mair Lawrence, 1st Baron (Br. colonial offi.) **7:**205:3b
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"Lawrie Todd" (work by Galt)
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Lawrin (racehorse)
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"Laws," *or* "Nomoi" (work by Plato)
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education **25**:735:2a
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laws, conflict of **7**:208:2a
major ref. in Procedural Law **26**:161:1a
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Laws for the Imperial and Court Officials, *or* Kinchu narabini Kuge Shohatto (Japanese law)
role in Japanese history **22**:317:2a
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role in Japanese history **22**:317:2a
laws of . . . : *see under* substantive word, *e.g.,* Indies, Laws of the
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Lawson, Thomas W. (Am. financier)
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Lawson cypress, *or* Port Orford cedar, *or* ginger pine, *or* Chamaecyparis lawsoniana (bot.)
description **4**:670:2b
lawsonite (min.)
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Laxman, Adam (Russ. envoy)
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Laxness, Halldór Gudjónsson Kiljan (Ice. writ.) **7**:210:1b
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significance in
Anglo-Norman literature **1**:409:2a
Scandinavian literature **27**:10:2b
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Lay, Horatio Nelson (Br. dipl.) **7**:210:2b
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Lay, William Ellsworth (Am. outlaw): *see* Lay, Elzy
"Lay de paix, Le" (work by Chartier)
discussed in biography **3**:132:3b
Lay Investiture Controversy (Roman Cath.): *see* Investiture Controversy
lay literacy, *or* environmental literacy (lang.)
major ref. in Writing **29**:1055:1b
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role in criminal courts **16**:805:2a
"Lay of the Last Ministrel, The" (work by Scott)
discussed in biography **10**:565:2b
"Lay of Thrym," *or* "Thrymskvida" (Ice. lit.)
mythological poetry in Edda **4**:363:2a
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"Lay Preacher" essays (work by Dennie)
discussed in biography **4**:15:2a
Laya Yoga
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contribution to English literature **18**:572:1b
Layard, Sir Austen Henry (Br. archae.) **7**:210:3b
contributions to archaeology **20**:637:2b
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Layari River (riv., Pak.)
physiography of Karachi **22**:500:1b
Layden, Elmer (Am. football player)
member of Four Horsemen **4**:905:1b, *illus.*
Laye, Camara (Sen. au.) **7**:211:1a
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description and formation **16**:445:2b
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laying on of hands (Judaism and Christianity): *see* hands, laying on of
"Laykhtzin un fremeley" (work by Volfzon-Hale)
place in Yiddish literature **29**:1099:2b
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Laylat al-Mi'raj (Islam)
reading of mi'raj **8**:179:3a
"Lays from Strathearn" (work by Nairne)
discussed in biography **8**:487:2b
"Lays of the Scottish Cavaliers" (work by Aytoun)
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laysan albatross, *or* Diomedea immutabilis (bird)
description **1**:210:2b
effects of World War II **15**:16:2b, 18:2b, *illus.*
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description **7**:738:2b
Layton, Irving Peter (Can. poet) **7**:211:2a
layup (sports)
role in basketball **28**:154:1b
Laz language, *or* Chan language, *or* lazuri nena, *or* canuri ena (lang.) **7**:211:2b
major ref. in Languages of the World **22**:737:1a
association with
Mingrelian language **8**:156:3a
Svan language **11**:424:3b
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for a list of related subjects see PROPAEDIA: Section 514
Lazar (prince of the Serbs)
defeat at Kosovo **6**:969:3b
role in Serbian history **29**:1134:2a
lazaretto (med.)
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Lazarev, Pyotr Petrovich (Sov. phys. and biophys.) **7**:211:2b
"lazarillo de ciegos caminantes, El" (work by Carrío de la Vandera): *see* "Guide for Inexperienced Travellers Between Buenos Aires and Lima"
"Lazarillo de Tormes" (Sp. novel)
aspect of Spanish history **28**:44:1a
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example of
picaresque novel **9**:421:2a
Spanish Renaissance prose **28**:78:2b
Lazarist (Roman Cath. soc.): *see* Vincentian
Lazaro Cárdenas Dam (dam, Mex.)
land redistribution program **8**:570:2b
Lazarsfeld, Paul Felix (Am. sociol.) **7**:211:3a
association with Merton **8**:44:1a
Lazarus, *or* Eleazar (bibl. fig.) **7**:212:1a
Lazarus, Emma (Am. poet) **7**:212:1a
text of "The New Colossus" **7**:332:1b
Lazarus, Fred, Jr. (Am. mer.) **7**:212:1b
Lazarus, Herman (Am. jur.)
association with Newhouse **8**:657:1a
Lazarus, Moritz (Jewish philos. and psychol.) **7**:212:1b
role in history of social sciences **27**:371:1b
Lazarus of Bethany, *or* Eleazar (bibl. fig.) **7**:211:3b
resurrection at Bethany **2**:173:1b
laze rod (weaving): *see* lease rod
Lazear, Jesse William (Am. physic.) **7**:212:2b
collaboration with Reed **9**:991:3b
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Lazninski, Tomasz (Pol. landowner)
history of Zamoyski family **12**:892:3b
Lazowski, Yurek (dancer)
"Three Virgins and a Devil" *illus.* **4**:4
lazulite (min.) **7**:212:3b
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lazuri nena (lang.): *see* Laz language
lazurite (min.)
feldspathoid mineral group **24**:175:2b
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lazy eye (disease)
description **1**:318:1b
Lazzarini, Gregorio (It. paint.)
influence on Tiepolo **11**:764:1a
lazzaroni (people)
history of Naples **24**:741:1b
lazzi (thea.)
use in commedia dell'arte **28**:537:2b
lazzo (It. comedy) **7**:212:3b
dramatic literature **23**:156:1a
lbw (sports): *see* leg before wicket
LC Classification (library sci.): *see* Library of Congress Classification
Lcang-skya qutuγu Rol-pa'i rdo-rje (Mong. schol.)
contribution to Buddhist literature **15**:294:1b; *illus.* **15**:751
LCD (electronics): *see* liquid crystal display
LCM (math.): *see* least common multiple
LCP (pol. party, Austr.): *see* Liberal–National Country Party
LCUSA (council of churches): *see* Lutheran Council in the United States of America
LD50 (pharm.): *see* median lethal dose
LDC (sociol.): *see* developing nations
LDL (physiol.): *see* low-density lipoprotein
LDP (pol. party, Japan): *see* Liberal-Democratic Party
le (in proper names): *see* below and *see also* names spelled with no space after "le" (*e.g.,* LeMay, Curtis Emerson)
Le Bayon, J. (Fr. Abbé and writ.)
contribution to Breton literature **15**:632:1b
Le Beau, C. (litho.)
portrait of Berlage *illus.* **2**:135
Le Bel, Joseph-Achille (Fr. chem.) **7**:213:1a
molecular structure and chemical properties **24**:282:2a; **27**:40:2b
Le Blon, Jakob Christoph, *or* Jacques-Christophe Le Blond (Ger. art.) **7**:213:1b
contribution to printing **26**:74:1b
Le Blond, Alexandre-Jean-Baptiste (Fr. landscape designer) **7**:213:1b
Le Blond, Jean (Fr. paint.)
portrait of Marie de Chevreuse *illus.* **3**:184
Le Bon, Gustave (Fr. psychol.) **7**:213:2a
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Le Bossu, René (Fr. crit.)
influence on Dryden **23**:174:2a
Le Bouco, Jacques (Fr. art.)
portrait of Commynes *illus.* **3**:498
Le Bovier, Bernard (Fr. au. and sci.): *see* Fontenelle, Bernard Le Bovier, sieur de
Le Braz, Anatole (Fr. au.) **7**:213:2b
contribution to Breton literature **15**:632:1b
Le Breton, Andre (Fr. publ.)
association with Diderot **4**:80:2a
contribution to "L'Encyclopédie" **4**:488:3a
Le Brun, Charles, *or* Charles Lebrun (Fr. paint.) **7**:213:2b
association with
Jouvenet **6**:628:3b
Mignard **8**:118:2b
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Baroque art **13**:1014:2b; **25**:358:1b
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Louis XIV style **7**:508:3b
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portrait of Corneille *illus.* **3**:636
relationship to Gobelins factory **17**:62:2a
role in academies of art **14**:108:2b
Le Cap (Haiti): *see* Cap-Haïtien
Le Carré, John, *or* David John Moore Cornwell (Br. writ.) **7**:213:3b
Le Chapelier, Jean, *or* Isaac Le Chapelier (Fr. rev. leader) **7**:214:1b
Le Chapelier, Loi (Fr. hist.)
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"Mechanics" (book by Hero of Alexandria)
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Media Atropatene (anc. king.): *see* Atropatene
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role in cardiovascular disease **16**:412:2b
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function **24**:813:2a
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autopsy **1**:730:2b
simulation **10**:826:1b
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Medical Literature Analysis and Retrieval System: *see* Medlars
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Medicare (U.S. health insurance) **7**:1000:3a
financing of hospitals **23**:915:2a
role of Johnson **29**:263:2a
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Medicea, Cappella (chapel, Florence, It.): *see* Medici Chapel
Medicean-Laurentian Library (library, Florence, It.): *see* Biblioteca Medicea-Laurenziana
Medici, Alessandro de' (duke of Florence): *see* Alessandro
Medici, Alessandro Ottaviano de' (pope): *see* Leo XI
Medici, Cosimo de, *or* Cosimo the Elder, *or* Cosimo Il Vecchio (It. ruler) **7**:1002:3a
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Italian humanism **20**:727:2a
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Italian history **22**:212:1b, 213:2a, 220:1a
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Médici, Emílio Garrastazú (pres. of Braz.)
role in Brazilian history **15**:210:1b
Medici, Giovanni Angelo de' (pope): *see* Pius IV
Medici, Giovanni de', *or* Giovanni Dalle Bande Nere, *or* Lodovico de' Medici (It. leader) **7**:1003:2a
Medici, Giovanni de' (pope): *see* Leo X
Medici, Giuliano de' (It. card.) **7**:1003:2b
interment in Medici Chapel **7**:1005:2a
patronage of Leonardo da Vinci **22**:963:1b
relationship to Alessandro de' Medici **1**:238:2a
role in Italian Renaissance **22**:212:2a
Medici, Giulio de' (pope): *see* Clement VII
Medici, Ippolito de' (It. card.) **7**:1003:3a
Medici, Lodovico de' (It. leader): *see* Medici, Giovanni de'
Medici, Lorenzino de', *or* Lorenzaccio de' Medici (It. writ. and assassin) **7**:1003:3b
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Medici, Lorenzo de', *or* Lorenzo the Magnificent, *or* Lorenzo Il Magnifico (It. states.) **7**:1004:1a
association with
Michelangelo **24**:55:2a
Politian **9**:562:3b
Savonarola **10**:484:2a
contribution to
carnival song **2**:882:1a
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Platonism **25**:587:1a
influence on Isaac **6**:396:2a
interment in Medici Chapel **7**:1005:2a
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Medici, Lorenzo di Pierfrancesca de' (It. leader)
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Medici, Lorenzo di Piero de' (It. ruler) **7**:1004:3b
Medici, Luigi de' (It. minis.)
role in Italian history **22**:227:1b
Medici, Maria de' (q. of Fr.): *see* Marie de Médicis
Medici, Piero di Cosimo de', *or* Piero Il Gottoso, *or* Piero the Gouty (It. ruler) **7**:1005:1a
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Medici dynasty **7**:1002:1a
Renaissance politics **22**:212:2a
Medici, Piero di Lorenzo de', *or* Piero the Unfortunate, *or* Piero the Fatuous (It. ruler) **7**:1005:1b
Medici, Villa (villa, Poggio a Caiano, It.)
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Medici, Villa (villa, Rome, It.) **7**:1005:1b
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Medici Chapel, *or* Cappella Medicea (chapel, Florence, It.) **7**:1005:2a
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Renaissance architecture **13**:1001:2a, *illus.* 1002
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Medici family, *or* Médicis family **7**:1000:3b
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Lippi **7**:387:2b, 388:1a
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Sixtus IV **10**:855:3a
Verrocchio **12**:329:3a
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Italian humanism **20**:727:2a
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Florence **19**:302:1b
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see also family members by first name, *e.g.,* Catherine de Médicis; Ferdinand I de' Medici, except as below
Medici porcelain **7**:1005:2a
for a list of related subjects see PROPAEDIA: Section 629
Medici–Riccardi, Palazzo (palace, Florence, It.)
cortile **3**:655:2a
location **19**:301:1b
Renaissance architecture **13**:996:2b, *illus.*
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Brunelleschi **2**:578:1a
Michelozzo **8**:97:3b
medicinal leech, *or* Hirudo medicinalis (worm)
description and classification **7**:238:3b
medicinal use **13**:836:2b
medicinal plant (bot.)
angiosperms **13**:622:2b *passim to* 785:1a
tobacco **11**:812:2a
see also folk medicine
medicinal poisoning, *or* drug poisoning **7**:1005:3a
for a list of related subjects see PROPAEDIA: Section 423
medicine **23**:884:1b; **7**:1005:3b
see PROPAEDIA: Part Four, Division II; Section 10/35
approach to death **16**:982:2b *passim to* 993:2b
effect on human evolution **18**:940:2b
history
application of alkaloids **15**:871:1b *passim to* 873:1a
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classification of speech disorders **28**:100:1b
contribution by
ancient Greeks **27**:35:1b
Avicenna **1**:740:1a
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Ehrlich **4**:394:3b
Galen **5**:82:2a
Harvey **20**:540:1a
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Malpighi **7**:742:3a
Mayo family **7**:975:2b
Osler **8**:1027:1b
Paracelsus **9**:134:2b
Rush **10**:246:1a
Semmelweis **10**:627:3a
Vesalius **12**:333:3a
Virchow **12**:385:3a
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burn care **15**:377:1b
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encyclopaedias of medicine **18**:379:1a
relation to
alchemy **25**:76:2b *passim to* 80:1a
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Taoism **28**:405:1b
practice by
shaman in Asian cultures **26**:1032:1b
South American nomad cultures **13**:375:2b
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automated systems **14**:537:1a
chemical industry **21**:258:1a
cryogenics **26**:529:1a, 530:2b
enzymes **4**:512:3a
fibre optics **4**:759:1b
oil **19**:589:1a
radioisotopes **9**:891:2a
spices and herbs **11**:93:2a
see also disease; folk medicine; medical association; medical education; medical ethics; medical jurisprudence; medical research; medical technology; branches of medicine and medical specialties, *e.g.,* anesthesiology; forensic medicine; industrial medicine; preventative medicine; psychiatry; public health; aspects of medical practice, *e.g.,* diagnostics; therapeutics; medical procedures, *e.g.,* acupuncture; amputation; autopsy; brain scanning; surgery; associated arts and sciences, *e.g.,* chiropractic; dentistry; midwifery; nursing; paramedical personnel; pharmacy; medical institutions, *e.g.,* health maintenance organization; hospital; particular countries; and particular diseases and disorders, medications, and physicians by name
Medicine, School of (bldg., Paris, Fr.)
architectural design **13**:1023:1b
Medicine Bow Mountains (mts., U.S.) **7**:1006:1b
Medicine Bow Peak (mt., U.S.)
location **7**:1006:1b
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use by Plains Indians **13**:343:2a
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use by North American Indians **24**:660:2a
"Medicine for Love: A Comedy in Three Acts" (work by Henshaw)
discussed in biography **5**:856:3a
Medicine Hat (Alta., Can.) **7**:1006:1b
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Plateau Indian beliefs **13**:332:2a
Wiradjuri individual totemism **26**:580:1b
see also shaman and shamanism
medicine society, *or* Grand Medicine Society, *or* Midewiwin (healing societies and rituals) **7**:1006:2b
Eastern Woodlands cultures **13**:347:1a, 378:1b
Fox culture **4**:909:3a
Miami culture **8**:88:3b
Ojibwa culture **8**:895:3b
Sauk culture **10**:475:1a
for a list of related subjects see PROPAEDIA: Section 821
"Medicine Wheel" (stone relic)
location **2**:208:1a
Médicis, Catherine de (q. of Fr.): *see* Catherine de Médicis
Médicis, Marie de (q. of Fr.): *see* Marie de Médicis
Médicis family: *see* Medici family
Medico (med. agency): *see* Medical International Cooperation Organization
"médico de su honra, El" (play by Calderón)
discussed in biography **2**:738:1a
"Medieval Cities" (work by Pirenne)
theories on urban culture **16**:888:1b
Medieval Hebrew (lang.)
development of Hebrew language **5**:791:2b
medieval period (Eur. hist.): *see* Middle Ages
"Medieval Rhodesia" (work by Randall-MacIver)
discussed in biography **9**:932:3b
Medieval Warm Period (meteorol.): *see* Little Climatic Optimum
Medill, Joseph (Am. publ.) **7**:1006:3a
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Medina (prov., Saud.Arab.): *see*

Madinah, al-
Medina, *or* Yathrib, *or* Madinat Rasul Allah, *or* al-Madina, *or* al-Madinah, *or* al-Madinah al-Muhawwarah (Saud.Arab.) **23:**799:1b; **7:**1007:1a
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Medina, Bartolomé de (Sp. theol.) **7:**1007:2b
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Medina Angarita, Isaias (Venez. pol.)
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Medina del Campo, Treaty of (Sp. hist.) **7:**1007:3a
Medina-Sidonia, Alonso Pérez de Guzmán, duque de (Sp. adm.) **7:**1007:3a
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Spanish Armada **1:**562:3a; **29:**56:1a
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Medinan Series (paleon.) **7:**1007:3b
for a list of related subjects see PROPAEDIA: Section 243
Medinat Yisra'el: *see* Israel
Medinipur (India): *see* Midnapore
Mediolanum (anc. city, It.)
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see also forms of meditation, *e.g.,* Buddhist meditation; Transcendental Meditation
"Meditation," *or* "Betrachtung" (work by Kafka)
discussed in biography **6:**678:2b
"Meditation of the Sad Soul," *or* "Hegyon ha-Nefesh ha-Azuva" (work by Abraham bar Hiyya)
discussed in biography **1:**38:1a
"Meditation on Ecclesiastes" (work by Dello Joio)
discussed in biography **3:**977:2b
"Meditationes de Cognitione, Veritate et Ideis" (work by Leibniz): *see* "Reflections on Knowledge, Truth, and Ideas"
"Meditationes de Prima Philosophia" (work by Descartes): *see* "Meditations on First Philosophy"
"Meditationes philosophicae de Nonnullis ad Poema Pertinentibus" (work by Baumgarten): *see* "Reflections on Poetry"
"Meditations" (work by Marcus Aurelius)
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Latin literature **22:**850:2a
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"Méditations poétiques" (work by Lamartine)
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Mediterranean Agreements (Aus. hist.)
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"Mediterranean and the Mediterranean World in the Age of Philip II, The," *or* "La Méditerranée et le monde méditerranéen à l'époque de Philippe II" (work by Braudel)
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Mediterranean anemia (path.): *see* thalassemia
Mediterranean climate, *or* Mediterranean zone (meteorol.)
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Mediterranean draw (archery) **7:**1008:1b
Mediterranean fever (disease): *see* brucellosis
Mediterranean flour moth (insect): *see* flour moth
Mediterranean fruit fly, *or* Med fly, *or* Ceratitis capitata (insect) **7:**1008:1b
major ref. in fruit fly **5:**27:2a
Mediterranean hackberry, *or* Celtis australis, *or* European nettle tree (tree)
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Mediterranean local race (people) **7:**1008:1b
for a list of related subjects see PROPAEDIA: Section 412
Mediterranean Low (air pressure belt)
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Mediterranean macchie, *or* Mediterranean maquis (bot.): *see* macchie
Mediterranean monk seal, *or* Monachus monachus (mammal)
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Mediterranean pearlfish, *or* Carapus acus (fish)
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Mediterranean Sea 23:939:1b; **7:**1008:2a
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characteristics of water masses **12:**516:3b; **25:**143:1b
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Adriatic Sea **1:**109:3b
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see also specific types of vegetation by name, *e.g.,* Cape flora; chaparral; garigue; macchie; mallee
Mediterranean zone (meteorol.): *see* Mediterranean climate
"Méditerranée et le monde méditerranéen à l'époque de Philippe II, La" (work by Braudel): *see* "Mediterranean and the Mediterranean World in the Age of Philip II, The"
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"Medium, The" (opera by Menotti)
discussed in biography **8:**19:3a
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for a list of related subjects see PROPAEDIA: Section 313
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Medobory-Toltry (ridge, U.S.S.R.)
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"Medulla Theologiae Moralis, Facili ac Perspicua Methodo Resolvens Casus Conscientiae ex Variis Protatisque Authoribus Concinnata" (work by Busenbaum)
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for a list of related subjects see PROPAEDIA: Section 313
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Medveditsa (riv., U.S.S.R.)
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"Mefistofele" (opera by Boito)
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Mega Island (is., Indon.)
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Megabyzus (Achaemenian gen.) **7:**1010:1b
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Megaleia rufa (mammal): *see* red kangaroo
Megalensia (Roman festival)
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Megalithic culture
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Megalopolis (Gr.) **7:**1010:3b
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major ref. in Modernization and Urbanization **24:**263:1a
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Megalops atlantica (fish): *see* Atlantic tarpon
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for a list of related subjects see PROPAEDIA: Section 811
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island arcs **6:**412:2a
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operant conditioning, *or* action conditioning, *or* instrumental conditioning (psychol.)
major refs. in Animal Learning **22:**874:1a; Human Learning and Cognition 887:1a
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"Operational Research Quarterly" (Br. mag.): *see* "Journal of the Operational Research Society"
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"Operations Research," *or* "Journal of the Operations Research Society of America" (Am. mag.)
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see also musical comedy; and individual composers, *e.g.* Hiller, Johann Adam
"Operette morali" (work by Leopardi)
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"Opium et le bâton, L' " (work by Mammeri)
discussed in biography **7:**753:1a
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Oppenheimer, Julius Robert (Am. phys.) **8:**969:1b
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optical brightener, *or* fluorescent whitening agent, *or* optical bleach (chem. compound)
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"Original Amateur Hour," *or* "Amateur Hour" (radio show)
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"Original Poems for Infant Minds" (work by Ann and Jane Taylor)
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"Origines de la France contemporaine, Les" (work by Taine)
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"Origines de l'homme américain, Les" (work by Rivet)
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"Origins" (work by Leakey and Lewin)
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"Origins of Continents and Oceans, The," *or* "Die Entstehung der Kontinente und Ozeane (work by Wegener)
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"Origins of the Islamic State," *or* "Futuh al-buldan" (work by al-Baladhuri)
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"Origins of the New South 1877–1913" (work by Woodward)
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"Origins of the Synagogue and the Church, The" (work by Kohler)
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"Origins of the World War" (work by Fay)
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"Origins of Totalitarianism" (work by Arendt)
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"Origo gentis Langobardorum" (hist. of Lombards)
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"Origo Mundi" (Cornish drama)
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PCE (pol. party, Sp.): *see* Communist Party of Spain
PCF (Fr. pol. party): *see* French Communist Party
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see also under names of specific species, *e.g.,* baboon; chimpanzee; monkey
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Primaticcio, Francesco, *or* Bologna, *or* Le Primatice, *or* Primadizzi (It. paint.) **9:**700:2a
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"Primavera, The," *or* "Allegory of Spring" (paint. by Botticelli)
discussed in biography **2:**413:3b
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major ref. in Number Theory **25:**14:2a
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prime mover, *or* primum mobile, *or* unmoved mover, *or* first mover (philos.)
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prime-number theorem (math.)
contribution of Hadamard **5:**605:1b
"Prime of Life, The," *or* "La Force de l'age" (book by Beauvoir)
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prime subring (algebra)
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"Primera parte de Arauco domado" (work by Oña)
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"Primera parte de la Angélica" (work by Barahona de Soto): *see* "lágrimas de Angélica, Las"
Primerica Corporation, *or* American Can Company (Am. Corp.) **9:**701:2a
primeval fireball (cosmology)
major ref.in Relativity **26:**537:2b
Primigenia (Roman goddess): *see* Fortuna
primitive (math.): *see* indefinite integral
primitive Christian art: *see* Early Christian art
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"Primitive Church, The" (work by Streeter)
discussed in biography **11:**315:2b
primitive communism (sociol.)
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for a list of related subjects see PROPAEDIA: Section 512
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"Primitive Culture" (work by Tylor)
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"Primitive Society" (work by Lowie)
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Prince Edward Island (isl. prov., Can.) **9**:704:2a
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"Prince Humay at the Gate of Humayun's Castle" (miniature by Junayd)
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"Principal Articles of the Religion" (work by Chong Yak-jong)
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principal domain, *or* PID, *or* principal ideal domain (math.)
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"Principals of Animal Ecology" (work by Park)
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"príncipe constante, El" (work by Calderón): *see* "Constant Prince, The"
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"Principes de la nature et de la grâce fondés en raison" (work by Leibniz)
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"Principia Ethica" (work by Moore)
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"Principia Mathematica" (work by Newton): *see* "Mathematical Principles of Natural Philosophy"
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Logical Atomism **7**:448:1b
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"Principiorum Primorum Cognitionis Metaphysicae Nova Dilucidato" (work by Kant)
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"Principle of Protestantism, The" (work by Schaff)
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"Principles and Practice of Medicine, The" (work by Osler)
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"Principles de la flûte traversière" (work by Hotteterre)
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"Principles of Art" (work by Collingwood)
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"Principles of Behavior" (work by Hull)
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"Principles of Cartesian Philosophy," *or* "Renati des Cartes Principiorum Philosophiae Pars I et II, More Geometrico Demonstratae, per Benedictum de Spinoza" (work by Spinoza)
discussed in biography **11**:100:2b
"Principles of Chemistry, The" (work by Mendeleyev)
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"Principles of Economics" (work by Marshall)
discussed in biography **7**:878:1b
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"Principles of Economics," *or* "Grundsätze der Volkswirtschaftslehre" (work by Menger)
discussed in biography **8**:14:1a
"Principles of General Physiology" (work by Bayliss)
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"Principles of Geology" (work by Lyell)
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"Principles of International Law" (work by Kelsen)
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"Principles of Literary Criticism" (work by Richards)
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"Principles of Logic, The" (work by Bradley)
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"Principles of Mathematics, The" (work by Russell)
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"Principles of Mechanics, The" (work by Hertz)
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"Principles of Philosophy," *or* "Principia philosophiae" (work by Descartes)
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"Principles of Political Economy," *or* "Principles of Political Economy Considered with a View to Their Practical Application" (work by Malthus)
discussed in biography **7**:746:3b
"Principles of Political Economy" (work by Mill)
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"Principles of Political Economy and Taxation" (work by Ricardo)
discussed in biography **10**:39:1b
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"Principles of Practical Musick, The" (work by Simpson)
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"Principles of Psychology, The" (work by James)
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"Principles of Psychology, The" (work by Spencer)
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"Principles of Quantum Mechanics, The" (work by Dirac)
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"Principles of Scientific Management" (work by Taylor)
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"Principles of Sociology" (work by Ross)
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Prinias (anc. city, Crete)
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Prinkipo (is., Tur.): *see* Buyukada
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major ref. in Manufacturing Industries **21**:502:2b
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halftone process **5:**634:2a
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Publius (anc. Roman personal name, or praenomen): *see under* gens or family name or honorific, *e.g.*, under Scipio Aemilianus for Publius Cornelius Scipio Aemilianus Africanus Numantinus, except as below
Publius Licinius Valerianus (emp. of Rome): *see* Valerian
Publius Ovidius Naso (Roman poet): *see* Ovid
Publius Terentius Afer (Roman dram.): *see* Terence
Publius Virgilius Maro (Roman poet): *see* Virgil
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Quercus dumosa (bot.): *see* California scrub oak
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Quercus nuttallii (bot.): *see* Nuttall oak
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contribution to French literature **19:**581D:1b
rebato (clothing): *see* rabato
rebbe (rel. leader)
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rebec (mus. instru.) **9:**975:3b
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relationship to kit **6:**895:3a, *illus.*
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for a list of related subjects see PROPAEDIA: Section 624
Rebecca (Powhatan princess): *see* Pocahontas
"Rebekah at the well" (Byz. art)
history of painting *illus.* Plate 3 fol. **25:**346
"Rebel, The," *or* "L'Homme révolté" (book by Camus)
discussed in biography **2:**782:3b
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treatment of Existentialist themes **25:**622:2b
Rebel 500 (race)
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Rebel Earl, The (Irish nobleman): *see* Desmond, Gerald Fitzgerald, 14th *or* 15th earl of
"Rebel Generation, The," *or* "De opstandigen" (work by Ammers-Küller)
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"Rebel Without a Cause" (film by Ray)
discussed in biography **9:**962:2a
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"rebelión de las masas, La" (work by Ortega y Gasset): *see* "Revolt of the Masses, The"
"Rebellion in the Backlands," *or* "Os Sertões" (novel by Cunha)
place in
Brazilian history **15:**207:1b
Latin-American literature **22:**847:1b
Rebellion of 1837 (Can. hist.)
major ref. in Canada **15:**505:1b
Rebelo, Jorge (E.Af. poet, law., and journ.) **9:**976:1a
Reber, Grote (Am. astron.) **9:**976:1b
contribution to radio astronomy **9:**890:2b
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donation by Danish Americans **5:**931:3b
Rebka, Glen A. (Am. phys.)
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Rebmann, Johannes (Ger. missionary) **9:**976:2a
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Rebreanu, Liviu (Rom. au.)
contribution to Romanian literature **10:**158:3b
rebuilding period, *or* brickbat stage (psychol.)
collective behaviour in disasters **16:**558:1b
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electoral process **25:**1008:1a
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major ref. in Memory **23:**948:1a
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Freud's theory of dreams **27:**306:2a
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attention's role **14:**385:1b
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Récamier, Jeanne-Françoise-Julie-Adélaïde, dame de, *or* Jeanne-Françoise-Julie-Adélaïde Bernard, *or* Madame de Récamier (Fr. hostess) **9:**976:3a
Ampère **1:**350:2b
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major ref. in Musical Forms **24:**585:1a
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Recared, *or* Reccared (Visigothic k.)
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Mendenhall glacier **8:**8:3a
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Jones' pronouncing dictionaries **18:**390:1b
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textual criticism **20:**680:1a
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telegraph **28:**486:2b
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description **1:**441:3a
recension (textual crit.)
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Recent Epoch (geol.): *see* Holocene Epoch
Recent Porifera (sponge fam.)
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"Recent Social Trends in the United States" (work by Odum)
discussed in biography **8:**877:3b
"Recent Trends in New Zealand Poetry" (work by Baxter)
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receptaclum seminis (anat.): *see* spermatheca
reception (law)
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cellular signaling **15:**615:1b
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for lists of related subjects see PROPAEDIA: Sections 331; 333; 432
see also specific organs by name, *e.g.,* vestibulocochlear nerve
receptor (information processing)
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nervous systems **24:**784:1b
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for a list of related subjects see PROPAEDIA: Section 535
"Recessional" (work by Kipling)
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for lists of related subjects see PROPAEDIA: Sections 339; 412
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for a list of related subjects see PROPAEDIA: Section 826
Rechberg-Rothenlöwen, Johann Bernard von (Aus. foreign minis.)
collaboration with Bismarck **15:**122:2b
Rechenberg, Albrecht von (Ger. offi.)
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"Recherche de la verite, De la" (work by Malebranche): *see* "Search After Truth"
"Recherches chimiques sur la végétation" (work by Saussure)
discussed in biography **10:**478:1b
"Recherches de la France" (work by Pasquier)
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"Recherches sur les poissons fossiles" (work by Agassiz)
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"Recht des Besitzes, Das" (work by Savigny): *see* "Treatise on Possession; or, The Jus Possessionis of the Civil Law"
"recht van den sterkste, Het" (work by Buysse)
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"Rechts-institute des Privatrechts und ihre soziale Funktion" (work by Renner)
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Recife, *or* Mauritsstad, *or* Mauritzstad (Braz.) **9:**977:2b
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for a list of related subjects see PROPAEDIA: Section 624
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"Récits d'un ménestrel de Reims" (13th cent. romance)
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Recklinghausen (W.Ger.) **9:**978:1a
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Recklinghausen, Friedrich Daniel von (Ger. path.) **9:**978:1b
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major ref. in Chemical Process Industries **21:**288:1a
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"Reclining Couple" (sarcophagus)
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"Reclining Nude" (drawing by Picasso)
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major ref. in Memory **23:**948:1b, 954:1a
for a list of related subjects see PROPAEDIA: Section 435
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effect on economic stabilization policies **20:**214:1a

"Recognition of Joseph by His Brethren, The" (paint. by Cornelius)
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"Recognitions" (early Christian writ.)
attributed to bishop Clement **3:**376:2b
"Recognitions, The" (work by Gaddis)
discussed in biography **5:**70:3b
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recoil-free gamma-ray resonance absorption (phys.): *see* Mössbauer effect
recoil sputtering (phys.)
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major ref. in Technology of War **29:**553:1b
problems in ballistics **23:**860:1a
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Plato's philosophy **25:**882:2a *passim to* 885:2b
"Recollections of My Youth," *or* "Souvenirs d'enfance et de jeunesse" (work by Renan)
discussed in biography **9:**1023:1b
"Recollections of the Table-Talk of Samuel Rogers" (work by Rogers)
place in English literature **18:**595:2a
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major ref. in The Principles of Genetics and Heredity **19:**717:2a
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for lists of related subjects see PROPAEDIA: Sections 331; 337
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Reconquista, *or* Reconquest (Iberian hist.) **9:**978:3a
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Ferdinand and Isabella **6:**397:3b
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major ref. in United States of America **29:**238:1b, 315:1a, 338:1b
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Brown **2:**559:1b
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Ex Parte McCardle ruling **7:**610:1b
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"Reconstruction of Religious Thought in Islam, The" (work by Iqbal)
discussed in biography **6:**373:2b
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for a list of related subjects see PROPAEDIA: Section 826
"Reconstructionist" (Jewish period.)
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"Recopilación de las leyes de los reinos de Indias" (Sp. hist. work)
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"Record of a Living Being" (work by Kurosawa Akira)
discussed in biography **7:**43:2b
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major refs. in Information Processing and Information Systems **21:**555:2a; Principles, Methods, and Instruments of Measurement and Observation **23:**731:1b
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recording head (computer sci.)
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"Records of Reading" (Hsüeh Hsüan)
place in Confucian tradition **16:**660:2b
"Records of the Grand Historian of China, The," *or* "Shih-chi" (work by Ssu-ma Ch'ien)
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Hsia kings **16:**68:2a
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major ref. in Scientific Exploration **19:**47:2b
"Recovery of the Holy Cross" (work by Bellini)
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"Récréations mathématiques" (work by Leurechon)
mathematical recreation **25:**2:1a
"Récréations mathématique et physiques" (work by Ozanam)
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"Recriminations Against Facio" (work by Valla)
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"Recruiting Officer" (play by Farquhar)
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discussed in biography **6:**106:1a
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use in distilling liquor **14:**751:2a
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rectilinear translation (phys.)
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"Recueil de décorations intérieures" (work by Fontaine and Percier)
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"Recueil des traités et conventions conclus par la Russie" (work by Martens)
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major ref. in Combinatorics and Combinatorial Geometry **16:**612:2a
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Recurvirostra andina (bird): *see* Andean avocet
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see also specific parts, *e.g.,* bronchiole; bronchus; diaphram; lung; nose; trachea; *and* respiratory system diseases; respiratory system disorders
respiratory system diseases
major refs. in Infectious Diseases **21:**533:2a; Respiration and Respiratory Systems **26:**792:2a
death in underdeveloped areas **23:**922:2b
diagnosis and therapeutics **17:**248:2b
drug use **17:**263:2b
postoperative monitoring **17:**261:2b
surgery **23:**900:2a
pathology
cystic fibrosis **3:**832:2b
diphtheria **4:**113:3b
pregnancy complications **26:**722:1a
tuberculosis **12:**24:1b
viral infections **29:**524:1a
see also specific respiratory diseases, *e.g.,* asthma; bronchiectasis; bronchitis; emphysema; whooping cough
respiratory system disorders
major ref. in Respiration and Respiratory Systems **26:**792:2a
children **3:**210:2b; **16:**13:1a
effect of enlarged or infected adenoids **1:**97:1a
see also decompression sickness; hyperventilation; hypoxia
respiratory therapy, *or* inhalation therapy **9:**1042:2a
artificial respiration **1:**605:3b
for a list of related subjects see PROPAEDIA: Section 423
resplendent quetzal, *or* Guatemalan quetzel, *or* resplendent trogon, *or* Pharomachrus mocino (bird)
description **11:**937:3b
respond (vocal mus.): *see* responsory
respondeat superior (law)
law of agency **1:**145:3a; **15:**392:2b
respondent conditioning (psychol.): *see* classical conditioning
respondentia (law)
development of maritime insurance **2:**415:3b
responsa, *or* She'elot u-Teshubot (Judaism) **9:**1042:3a
Judaic literature **22:**418:2b, 432:2b, 434:2b
for a list of related subjects see PROPAEDIA: Section 826
"Responsa" (work by Papinian)
discussed in biography **9:**129:2b
responsa prudentium (law hist.)
role in Roman law **22:**919:2a
response (psychol.): *see* stimulus-response reaction
response set (psychol.)
evaluation of psychological tests **26:**318:2a
"Responses for Seven Musicians," *or* "Répons pour sept musiciens" (work by Pousseur)
discussed in biography **9:**651:1a
"Responsibilities" (work by Yeats)
discussed in biography **12:**830:2a
place in English literature **18:**600B:2a
responsibility (law)
major ref. in Criminal Law **16:**819:1b
responsibility, diminished (law): *see* diminished responsibility
Responsibility of the Authors of the War and on Enforcement of Penalties, Commission of
war-crimes trial recommendation **29:**645:2a
"Responsio ad Lutherum" (work by More)
discussed in biography **8:**314:3a
Responsive Eye, The (art exhibit)
introduction of Op art movement **8:**960:1a
responsiveness (biol.)
function in life **7:**347:1a
responsorial singing 9:1042:3a
for a list of related subjects see PROPAEDIA: Section 624
responsory, *or* respond (vocal mus.) **9:**1042:3b
psalmody **9:**755:2a
for a list of related subjects see PROPAEDIA: Section 624
"Respuesta a Sor Filotea" (work by Cruz): *see* "Reply to Sister Philotea"
Resserella (paleon.) **9:**1042:3b
Resserella elegantula (paleon.)
Silurian Period *table* **19:**845
rest (physiol.)
therapeutics **17:**255:2b
"Rest at the Farm house" (work by Ostade)
oil painting *illus.* **8:**1032
"Rest on the Flight into Egypt" (work by Bassano)
discussed in biography **1:**946:2a
Restauradores, Praça dos (square, Lisbon, Port.): *see* Restoration Square
restaurant 9:1043:1a
French gastronomy **19:**692:2a
restaurant car (ry. car): *see* dining car
Restaurant de la Pyramide (restaurant, Vienne, Fr.)
history **9:**1043:3a
Restaurant Durand (restaurant, Paris, Fr.)
history **9:**1043:2a
Restif, Nicolas-Edme, *or* Restif de la Bretonne (Fr. au.) **9:**1044:2a
French literature **19:**575:2b
literary style **23:**90:2b
Restigouche, Battle of the (Fr. and Indian Wars)
significance to Campbellton **2:**778:1b
resting potential (biochem.) **9:**1044:3a
function in nervous system **24:**784:1b
physiological response of photoreceptors **27:**150:2a
for a list of related subjects see PROPAEDIA: Section 323
Restio (bot.)
genus of Restionales **9:**1044:3b
Restionaceae (bot.)
family of Restionales **9:**1044:3b
Restionales (bot.) **9:**1044:3a
relationship to Poales **13:**824:2a
for a list of related subjects see PROPAEDIA: Section 313
restitution (law): *see* compensation
restitution, coefficient of (phys.)
function in classical mechanics **23:**827:1b
Restitution, Edict of (Eur. hist.)
disapproval by Wallenstein **12:**471:1b
history of
Austria **14:**495:2a
Germany **20:**69:1a
support of Ferdinand II's Counter-Reformation **4:**731:2a
restlessness (psychol.)
significance in collective behaviour **16:**556:2b
Reston (Va., U.S.) **9:**1044:3b
Reston, James Barrett (Br. writ.) **9:**1045:1a
restoration (conservation concept)
dependence on ecological process **16:**664:2a
Restoration (Eng. hist.)
major ref. in United Kingdom **29:**63:2a
Bunyan's persecution **2:**636:3b
cathedral choral service settings **1:**406:3a
Clarendon's moderating role **3:**347:3a
dress styles **17:**453:1b
effect on theatre **28:**541:1b
furniture design **17:**62:2a
Irish history **21:**964:2b
literature: *see* Restoration literature
persecution of Puritans **26:**215:2b
Shaftesbury's political activity **10:**685:3a
Restoration (Eur. hist.)
major ref. in Europe **18:**773:1b
France **19:**505:2b; **25:**443:1b
Gentz's work **5:**187:3a
Maistre and Latin conservatism **27:**478:1a
Talleyrand's diplomacy **11:**523:2b
Restoration literature (Eng. lit. period) **9:**1045:1b
major ref. in English literature **18:**587:1a
comedy of manners **7:**784:3b; **23:**165:1a
development **23:**156:1b
prologue and epilogue **9:**727:1a
type name usage **12:**86:2a
see also individual authors, *e.g.,* Congreve, William; Milton, John; Shakespeare, William
for a list of related subjects see PROPAEDIA: Section 621
Restoration of Vietnam, League for the (Viet. pol. org.)
influence on Vietnamese history **27:**861:2b
Restoration playhouse (pub. thea.)
major ref. in Theatrical Production **28:**573:2b
costumes **28:**604:1b
Restoration Shintō (Japanese rel.): *see* Fukko Shintō
Restoration Square, *or* Praça dos Restauradores (square, Lisbon, Port.)
features of Lisbon **23:**84:2b
Restoration style (art)
Stuart style **11:**330:1a
Restored Nippon Bijutsu-in (Japanese org.)
opposition to academicism **17:**690:1b
Restormel (dist., Corn., U.K.) **9:**1045:1b
restraining order (law)
procedural law **26:**148:1b
Restraint of Appeals, Act of (Eng. law)
English history **29:**51:2b
Restrepo, Carlos Lleras (pres. of Colom.): *see* Lleras Restrepo, Carlos
restricted diffusion (biol.)
role in nervous system biochemistry **24:**782:1b
restricted exchange (sociol.): *see* direct exchange
restricted representation (math.)
group representation **13:**521:2a
restricted stopping power (phys.)
study of particle beam decay **26:**501:1a
restricted submarine warfare
description **29:**679:2a
restriction endonuclease (genet.)
use in cloning **19:**717:2a
restriction enzyme (biol.)
effect on DNA **8:**821:3a
restriction-fragment-length

polymorphism (genet.)
use in tracing mutant genes **19:**718:2a
restrictive covenant, *or* protective covenant (law) **9:**1045:2a
property law **26:**187:2a
reststrahlen (phys.) **9:**1045:2b
for a list of related subjects see PROPAEDIA: Section 125
resultant (evolutionary theory)
comparison with emergence **4:**473:1a
resulting trust (law)
trust law **12:**8:2a; **26:**184:2a
"Results and Prospects" (work by Trotsky)
discussed in biography **11:**944:3b
"Résumé de l'histoire des traditions morales et religieuses" (work by Senancour)
discussed in biography **10:**629:3b
Resumption Act of 1875 (U.S. hist.) **9:**1045:2b
provisions on specie payment **11:**77:1a
viewed by Greenback Movement **5:**467:3b
resupination (bot.)
occurrence in orchid **13:**807:2a
resurrection (rel.) **9:**1045:3a
Christianity **16:**278:1a, 300:1b, 302:1b
bodily resurrection **16:**284:2b
Christology **22:**371:2b
Fundamentalism **5:**52:1b
New Testament **9:**331:3b; **14:**828:2a, 835:1b
chronology **15:**474:1a
death rites **26:**851:1b *passim to* 853:2b
Islam **22:**7:2b
mythology **22:**40:2a
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Judaism **16:**988:2a; **22:**439:2a, 443:2b
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Zoroastrianism **12:**935:2b
"Resurrection" (work by El Greco)
discussed in biography **5:**452:3a
"Resurrection" (work by Grünewald)
oil on wood *illus.* Plate 8 fol. **25:**346
"Resurrection," *or* "Symphony No. 2" (work by Mahler)
discussed in biography **7:**700:3b
"Resurrection" (work by Master of Wittingau)
panel painting *illus.* **2:**327
"Resurrection," *or* "Voskreseniye" (work by Tolstoy)
discussed in biography **28:**709:2a
"Résurrection du Sauveur" (Fr. lit.)
place in French literature **19:**567:2a
"Resurrection of Lazarus" (work by Froment)
discussed in biography **5:**20:2a
resurrection plant (bot.): *see* rose of Jericho
resurrection plant, *or* resurrection fern, *or* Selaginella lepidophylla (bot.)
description **11:**97:1b
"Resurrexio Domini Nostri Ihesu Christi" (Cornish drama)
place in Cornish literature **15:**631:2a
resuscitation (med.)
effect on
heart attack **16:**405:1b
surgical procedure **17:**259:1b
inducement by artificial respiration **1:**605:3b
Reszke, Jean de, *or* Jan Mieczyslaw, *or* Jan Retzské (Pol. singer) **9:**1046:1a
retable (rel. art) **9:**1046:1b
see also altarpiece
retail chain store (bus.): *see* chain store
retail cooperative (bus.)
organization of small retail outlets **23:**548:1b
retailing (bus.) **9:**1046:2a
major ref. in Marketing and Merchandising **23:**547:1b
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for a list of related subjects see PROPAEDIA: Section 533
retained earnings (bus.)
accounting **13:**1:2b *passim to* 3:1b
Retainers, Board of, *or* Samurai-dokoro (Japanese governing body)
Japanese history **22:**310:2a, 313:2a
Minamoto Yoritomo's role **8:**148:3a
retaining wall, *or* breast wall, *or* revetment (const.) **9:**1046:2b
use in canal construction **26:**393:1b *passim to* 395:1a
for a list of related subjects see PROPAEDIA: Section 626
Retalhuleu (dept., Guat.) **9:**1046:3a
Retalhuleu (Guat.) **9:**1046:3a
retaliation (law)
Visigothic law **22:**923:2b
"Retaliation" (work by Goldsmith)
place in English literature **18:**593:1a
Retamar, Roberto Fernández (Cuban au.): *see* Fernández Retamar, Roberto
retardation (phys.)
phase difference **23:**14:1b
rete (instru.)
construction of astrolabes **1:**654:3a
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animal reproduction **26:**688:2b
retention (psychol.)
major ref. in Memory **23:**947:1a
retention storage, *or* water storage, *or* surface retention (geol.)
hydrologic cycle **20:**778:2a
retentivity (electromagnetism): *see* remanence
Retezat National Park (park, Rom.)
description and statistics *table* **8:**546
Retezat Range (mts., Eur.)
Transylvanian Alps **11:**902:3a
reth (Af. rel.)
significance to Shilluk **10:**739:3b
Rethel, Alfred (Ger. art.) **9:**1046:3a
contribution to Romanticism **25:**364:2b
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Rethel, Battle of (Fr. hist.)
Turenne's defeat **12:**51:2a
Retherford, Robert Curtis (Am. phys.)
radio-frequency spectra **13:**585:2b
Rethimnon, *or* Rhithymna (Gr.) **9:**1046:3b
Rethondes (Fr.)
World War I **29:**1007:1b
World War II **29:**1014:2b
Reti, Richard (Hung. chess player) **10:**1:1a
Reti, Rudolph (Aus. mus. schol.)
music criticism **24:**498:1a
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evolution of punto in aria **9:**803:3a
Retiche, Alpi (mts., Eur.): *see* Rhaetian Alps
reticular activating system (physiol.)
physiological theories of hallucinations **25:**493:1a
reticular cell (biol.)
function in
lymphoid tissue **7:**588:3b
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transformation in bone marrow **2:**357:3b
reticular fibre (anat.) **10:**1:1b
form of collagen **28:**299:2b
for a list of related subjects see PROPAEDIA: Section 421
see also collagen
reticular formation (anat.)
function in
attention **14:**384:1a
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structure of brain **24:**800:2b, 829:1b
reticular layer (anat.)
part of mammalian integumentary system **21:**697:1b, *illus.* 692
reticulare (anat.)
composition of dermis **4:**26:1b
Reticularia lycoperdon (biol.)
germination processes **26:**294:2a
reticulated python, *or* Python reticulatus (snake)
description **10:**906:2b
pythons **9:**828:3b
reticulated work, *or* opus reticulatum (masonry) **10:**1:1b
Roman architecture **13:**966:1b
for a list of related subjects see PROPAEDIA: Section 626
reticuline (chem. compound)
alkaloid synthesis **15:**883:1a
Reticuloceras (biol.)
Upper Carboniferous index fossil **19:**864:1b, *illus.* 865
reticulocyte (biol.)
production of red blood cells **15:**148:1b
relation to erythrocyte **4:**552:1a
reticuloendothelial system, *or* RES, *or* macrophage system, *or* mononuclear phagocyte system (physiol.) **10:**1:2a
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for a list of related subjects see PROPAEDIA: Section 421
reticulopodia (biol.)
type of pseudopodium **9:**758:1b
reticulum (anat.)
function in artiodactyls **23:**497:1b, *illus.*
Reticulum (astron.)
constellations *table* **28:**225
reticulum cell sarcoma of bone (path.) **10:**1:2b
Retief, Piet (Boer leader) **10:**1:3a
association with
Dingane **4:**101:3b
Pietermaritzburg **9:**434:3b
role in South African history **27:**648:2a
retina (anat.) **10:**1:3a
anatomy and function **27:**175:1b
diseases and visual disorders **4:**193:2b; **27:**199:2b
arteriosclerosis **1:**600:2b
effect of
astigmatism **1:**651:2b
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formation in
animal embryo **20:**446:1b
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animal field of vision **14:**625:1a
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photoreception **27:**140:2b, *illus.* 142, 143, 148
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for a list of related subjects see PROPAEDIA: Section 421
Retina reader (print. machine)
use in printing **26:**79:1a
retinal, *or* retinene (biochem.)
association with vitamins **14:**904:1a, *table* 903
example of physiologically active aldehyde **15:**808:2a
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retinal detachment (med.): *see* detached retina
retinal rivalry (psychol.)
role in depth perception **27:**195:1a
retinitis pigmentosa (path.) **10:**2:1a
eye disease and visual disorder **27:**200:1b
night blindness **8:**704:3b
for a list of related subjects see PROPAEDIA: Section 423
retinoblastoma (path.)
genetic influences on cancer **15:**558:2a
retinoic acid (biochem.)
vitamins **14:**904:1a, *table* 903
retinol (biochem.): *see* vitamin A
retinospora (bot.) **10:**2:1a
retinula cell (zool.)
compound eye **27:**143:2b, *illus.*
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Retiolites Beds (rock unit, Swed.)
Silurian Period stratigraphy *table* **19:**843
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social role **27:**333:1b
Retiro Park, *or* El Retiro, *or* Parque del Buen Retiro, *or* Parque de Madrid (park, Madrid, Sp.) **10:**2:1a
retort (chem. and indus.) **10:**2:1b
coal processing **21:**460:1a, *table*
oil shale processing **19:**602:1a
zinc production **21:**400:2b
retort oven (met.)
steel production **21:**366:2a
Retortomonadida (protozoan)
description **26:**314:2a
retouching (phot.)
history of photography **25:**775:1b
"Retour, Le" (film by Cartier-Bresson)
discussed in biography **2:**909:3b
"Retour à la vie, Le" (work by Berlioz): *see* "Lélio"
"Retour de l'U.R.S.S." (work by Gide): *see* "Return from the U.S.S.R."
retractable wheel (vehicle design)
urban transportation **28:**804:2b
retractile claw (zool.)
cats **25:**535:1b
retraining program 10:2:2a
for a list of related subjects see PROPAEDIA: Section 533
retreat (rel.)
monasticism **26:**1041:1b
retribution (penology)
theories of punishment **16:**807:2a
retrieval (psychol.): *see* recall
retriever (breed of dog) **10:**2:2b
description **25:**530:1b
retroactive inhibition, *or* retroactive interference (psychol.)
forgetting **22:**891:1a; **23:**949:2b
psychomotor learning **22:**893:2b
transfer of training **22:**901:2a
retroactivity (law)
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retroduction (logic): *see* abduction
retroflex (phonetics) **10:**2:3b
Dravidian and Indo-Aryan languages **22:**620:2a, 717:1a
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retrofocus lens (optics)
lens design and use **25:**795:2a
retrograde amnesia (psychol.)
memory disorder **23:**952:1a *passim to* 954:1a
retrograde imitation (mus.)
fugal composition **24:**574:2b
retrograde metamorphism (geol.)
role in metamorphic rock formation **24:**246:2b
retrograde motion (astron.) **10:**2:3b
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for a list of related subjects see PROPAEDIA: Section 133
retrolental fibroplasia (path.) **10:**2:3b
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retronecine (chem. compound)
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retrorsine (chem. compound)
pyrrolizidine alkaloids **15:**879:1a
retrospection (philos.)
comparison with introspection **24:**121:1b
retrospective searching, *or* information retrieval (ref. service)
major ref. in Libraries and Library Science **22:**981:2b
retrovirus, *or* Retroviridae (virus group) **10:**3:1a
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Rett syndrome, *or* cerebroatrophic hyperammonemia (path.) **10:**3:1b
"Retter, Der" (work by Hasenclever): *see* "Son, The"
Rettifilo, *or* Corso Umberto I (st., Naples, It.)
location **24:**739:2a

retting (fibre-separation process) **10:**3:1b
processing of cantala **2:**813:2b
Return, Law of (Isr. leg.)
history of Israel **22:**144:1a
return crease (sports)
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"Return from the U.S.S.R.," *or* "Retour de l'U.R.S.S." (work by Gide)
discussed in biography **5:**256:2a
place in French literature **19:**581D:1b
"Return of Quetzalcoatl, The" (mural by Orozco)
discussed in biography **8:**1011:3a
"Return of the Prodigal Son" (work by Lipchitz)
modern sculpture **27:**110:1a
"Return of the Prodigal Son, The" (paint. by Rembrandt)
discussed in biography **26:**651:2b
"Return of Ulysses to His Country, The," *or* "Il Ritorno d'Ulisse in patria" (opera by Monteverdi)
discussed in biography **8:**287:2a
"Return of Wen-chi to Ying-chuan, The" (Chin. scroll scene)
ink and colour on silk *illus.* Plate 7 fol. **25:**314
Returned Servicemen's League (pol. party, Austr.)
Australian history **14:**435:1b
"Returning to Nature" (essay by Li Ao)
place in Confucian tradition **16:**659:1a
returns to scale (econ.)
economic theory **17:**955:1a, 963:1b
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Retz, Gilles de (Fr. noble): *see* Rais, Gilles de
Retz, Jean-François-Paul de Gondi, cardinal de (Fr. pr.) **10:**3:2b
association with
Beaufort **2:**19:3a
Gondi family **5:**358:1a
contribution to French literature **19:**571:2a
Retzius, Magnus Gustaf (Swed. anatomist and anthro.) **10:**3:3b
Retzské, Jan (Pol. singer): *see* De Reszke, Jean
Reuben (Jewish tribe) **10:**3:3b
genealogy **12:**79:2a
for a list of related subjects see PROPAEDIA: Section 826
Reuben sandwich (food)
ingredients **10:**413:2b
Reubeni, David (Jewish adventurer) **10:**4:1a
association with Molcho **8:**228:3a
Reuchlin, Johannes (Ger. humanist) **10:**4:1a
association with Melanchthon **7:**1024:2b
study of Hebrew grammar **18:**742:2a
views on mysticism **22:**470:1a
Reuel (Old Testament fig.): *see* Jethro
Reuenthal, Neidhart von (Ger. squire)
contribution to minnesinger **8:**167:2b
Reumert, Poul Hagen (Dan. act.) **10:**4:1b
collaboration with Ipsen **6:**372:2b
Réunion, *or* Santa Apollonia, *or* Île de Bourbon (is. and dept., Fr.) **10:**4:2a
major ref. in Indian Ocean Islands **21:**178:2a
Mascarene Islands **7:**908:1a
"Reunion All Round" (work by Knox)
discussed in biography **6:**921:2b
"Reunion and Reaction: The Compromise of 1877 and the End of Reconstruction" (work by Woodward)
discussed in biography **12:**745:3a
Reunited Nationalist Party (pol. party, S.Af.)
role in South African history **27:**654:2b
Reus (Sp.) **10:**5:1a
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description **12:**747:1b
Reusner, Nicolaus (Ger. art.)
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Reuss (hist. principalities, Ger.) **10:**5:1a
Reuss average (geol.)
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Reuss River (riv., Eur.)
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Uri canton **12:**205:1b
Reuter, Ernst (Ger. pol.) **10:**5:1b
Reuter, Fritz (Ger. au.) **10:**5:2a
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Reuter, Paul Julius, Freiherr von, *or* Israel Beer Josaphat (Ger. journ.) **10:**5:2b
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development of news agency **8:**660:3b; **26:**476:2a
Reutersvard, Oscar (Swed. art.)
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Reuther, Walter Philip (Am. unionist) **10:**6:1a
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merger of AFL and CIO labour groups **1:**328:3b
role in UAW **12:**139:3a
Reutlingen (W.Ger.) **10:**6:1b
Reuveran Stage (paleon.) **10:**6:2a
Reval (U.S.S.R.): *see* Tallinn
revaluation (fin.)
compared to devaluation **4:**44:3b
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Revard, Mount (mt., Fr.)
description **1:**181:2b
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drawing of Robin Hood *illus.* **9**:820
"Robin Woman, The" (opera by Cadman): *see* "Shanewis"
Robinia pseudoacacia (bot.): *see* black locust

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ballistics theory **23:**856:2b
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Robinson, George Geoffrey (Br. journ.): *see* Dawson, George Geoffrey
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Robinson, Luther (Am. dancer): *see* Robinson, Bill
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Robinson, Raphael M. (Am. math.)
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Robinson, Sugar Ray, *or* Walker Smith (Am. athlete) **10:**115:2b
Robinson, William (Br. landscape designer) **10:**115:3b
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Arbuthnot *illus.* **1:**523
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Rochester, Henry Wilmot, 1st Earl of, *or* 2nd Baron of Athlone, Baron Wilmont of Adderbury **10:**119:3b
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for a list of specific kinds of rocks see PROPAEDIA: Section 214
see also mineral; classes of rock, *e.g.,* igneous rock; metamorphic rock; sedimentary rock; and particular types of rock by name, *e.g.,* granite
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rock elm, *or* cork elm, *or* Ulmus thomasii (bot.)
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Rock River (riv., U.S.) **10**:122:1b
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Rockefeller Foundation (Am. org.)
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Rockefeller University (univ., N.Y.C., N.Y., U.S.) **10**:124:1b
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Braun **2**:484:3b
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cryogenic fluids as propellants **26**:529:2b
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"Rocket" (locomotive) **10**:124:3b
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description **7**:164:3b
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Rockland (Me., U.S.) **10**:125:3b
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"romantische Oedipus, Der" (work by Platen)
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"Romantische Schule, Die" (work by Heine): *see* "Romantic School, The"
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"Romanzero" (work by Heine)
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Rome, Treaty of (Eur. hist.)
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Rome, University of, *or* Università degli Studi di Roma (univ., Rome, It.) **10:**163:3a
contribution by Paul VI **9:**207:1b
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"Rome and China" (work by Teggart)
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"Rome and Jerusalem: A Study in Jewish Nationalism," *or* "Rom und Jerusalem, die letzte Nationalitätsfrage" (work by Hess)
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Romé de l'Isle, Jean-Baptiste Louis (Fr. min.)
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"Rome, Naples et Florence en 1817" (work by Stendhal)
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Romero, Oscar (El Sal. archbp.)
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Romero, Pedro (Sp. bullfighter)
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Römisch-Germanisches Museum (museum, Cologne, W.Ger.)
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"Römische Elegien" (work by Goethe): *see* "Roman Elegies"

"Römische Geschichte" (work by Mommsen): *see* "History of Rome, The"

"Römische Geschichte" (work by Niebuhr): *see* "History of Rome"

"römischen Päpste in den letzen vier Jahrhunderten, Die," *or* "Die römischen Päpste, ihre Kirche und ihr Staat im sechzehnten und siebzehnten Jahrhundert" (work by Ranke)
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"Römisches Staatsrecht" (book by Mommsen)
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romme (card game): *see* rummy games

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"Romulus" (work by Phaedrus)
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scarlet finch, *or* Haematospiza sipahi (bird)
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scarlet oak, *or* Quercus coccinea (bot.)
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Scatophagus argus (fish): *see* argus fish
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Scaurus, Marcus Aemilius (Roman pol.) **10:**505:1a
Scaurus, Marcus Aemilius (Roman quaestor) **10:**505:1b
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Sceaux ware (pottery) **10:**505:2a
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description **5:**417:2a; **23:**378:1b
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scél (Irish Gaelic lit.) **10:**505:2b
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Scelba, Mario (It. pol.) **10:**505:2b
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Sceloglaux albifacies (bird): *see* laughing owl
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discussed in biography **2:**970:2b, *illus.*
"Scenes from the Life of St. Ursula" (paint. by Carpaccio)
discussed in biography **2:**890:2b, *illus.*
"Scenes of Clerical Life" (work by Eliot)
discussed in biography **4:**450:2a
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scented garden
major ref. in Gardening and Horticulture **19:**676:2a
"Scented Gardens for the Blind" (work by Frame)
discussed in biography **4:**917:2b
scented-leaved geranium (bot.): *see* aromatic geranium
scented sun orchid, *or* Thelymitra avistata (plant)
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"Sceptical Chymist, The" (work by Boyle)
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"Scepticism and Animal Faith" (book by Santayana)
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Scève, Maurice (Fr. poet) **10:**506:2a
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Schaarbeek (Belg.): *see* Schaerbeek
schabi (Mong. actors)
role in Mongolian theatre **15:**739:2b
"Schach von Wuthenow" (work by Fontane)
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Schacht, Horace Greely Hjalmar (Ger. financier) **10:**506:2a
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Schack Gallery (museum, Munich, W.Ger.)
Bavarian State Picture Galleries **1:**975:1b
Schad, Christian (Swiss art.)
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Schadaeus, Oseas (Ger. writ.)
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Schadde, Jozef (Belg. arch.)
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Schade, Jens August (Dan. au.)
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Schadow, Wilhelm von (Ger. art.)
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Schaefer, Vincent Joseph (Am. chem. and meteorol.) **10:**506:3b
Schaeffer, Claude-Frédéric-Armand (Ger. archae.) **10:**507:1a
Schaeffer, Pierre (Fr. comp.) **10:**507:1b
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electronic music **4:**437:3b; **24:**602:1a
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Schafer method (artificial respiration): *see* prone-pressure method
Schäferberg (hill, Berlin, Ger.)
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Schaff, Philip (Am. theol.) **10:**507:2b
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Schaffhausen, *or* Schaffhouse (Switz.) **10:**508:1a
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Schaffner, Jakob (Swiss writ.) **10:**508:2b
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Schairer, John Frank (Am. petrol.)
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"Schall und Rauch" (Ger. drama revue): *see* "Sound and Smoke"
Schall von Bell, Adam, *or* T'ang Jo-wang (Jesuit missionary) **10:**508:2b
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Dorgon **4:**185:1a
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Schaller, George B. (Am. zool.)
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Schamberg, Morton (art.)
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Schanzkowski, Franziska (Pol.-U.S. heiress claimant): *see* Anderson, Anna
Schaper, Johann (Ger. art.)
faience painting in Germany **17:**118:1b
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Schapera, Isaac (S.Af. anthro.) **10:**508:3b
Schardt, Charlotte von (Ger. writ.): *see* Stein, Charlotte von
"Scharnhorst" (Ger. warship) **10:**509:1a
Scharnhorst, Gerhard Johann David von (Prussian gen.) **10:**509:1b
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Scharoun, Hans Bernhard (Ger. arch.) **10**:509:2a
Schartau, Henrik (Swed. rel. leader)
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Schary, Dore, *or* Isadore Schary (Am. producer) **10**:509:3a
Schattenburg (castle, Aus.)
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Schattschneider, Elmer Eric (Am. pol. sci.) **10**:509:3a
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Schaulen (U.S.S.R.): *see* Siauliai
Schaumburg-Lippe (hist. state, Ger.) **10**:510:1a
major ref. in Lippe **7**:386:3a
Schauspielhaus (thea., Berlin, Ger.)
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Schawlow, Arthur Leonard (Am. phys.) **10**:510:1b
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Schechina (Judaism): *see* Shekhina
Schechner, Richard (Am. thea. producer)
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"Schedula diversarum artium" (work by Theophilus)
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Scheele, Carl Wilhelm, *or* Karl Wilhelm Scheele (Swed. chem.) **10**:510:2a
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baryta **1**:898:1b; **15**:966:2a
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Scheer, Reinhard (Ger. adm.) **10**:510:3a
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Scheerre, Herman (Eng. art.)
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Scheffel, Johan Henrik (art.)
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Czartoryski *illus.* **3**:834
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Schefferville, *or* Knob Lake (Que., Can.) **10**:510:3b
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Schefflera actinophylla (bot.): *see* Australian umbrella tree
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Scheibe, Johann Adolf (Ger. comp.)
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"store fjende, Den" (work by Holm)
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"Story of Rimini, The" (work by Hunt)
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"Story of the Malakand Field Force, The" (work by Churchill)
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"Story of the Trapp Family Singers" (work by Trapp)
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discussed in biography **6**:936:2a
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see also church; mosque; and specific temples by name, *e.g.,* Athena Nike, Temple of

Temple, George Nugent Temple Grenville, 2nd Earl (Br. states.): *see* Buckingham, George Nugent Temple Grenville, 1st marquess of

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Temple, Henry John, 3rd Viscount Palmerston (Br. states.): *see* Palmerston of Palmerston, Henry John Temple, 3rd Viscount

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Temple, Shirley, *or* Shirley Temple Black (Am. act.) **11:**625:2a

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Temple Compound, *or* al-Haram ash-Sharif (sacred site, Jerusalem, Isr.)
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Temple Mount, *or* Har ha-Bayt (sacred site, Jerusalem)
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"Temple of the Golden Pavilion, The," *or* "Kinkaku-ji" (work by Mishima)
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temple sleep (Gr. med.): *see* incubation

Temple University (univ., Philadelphia, Pa., U.S.)
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Templer, Sir Gerald (Br. gen.)
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Théâtre de . . . : *see under* substantive word except as below

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"Théâtre du peuple, Le" (work by Rolland): *see* "People's Theatre, The"

"Théâtre et son double, Le" (work by Artaud): *see* "Theatre and Its Double, The"

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Theatre of . . . : *see under* substantive word, *e.g.,* Absurd, Theatre of the, except as below

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major ref. in Motion Pictures **24:**422:1a
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discussed in biography **12:**646:1a
"Travels and Adventures of Benjamin the Third, The," *or* "Kitsur massous Binyomin hashlishi" (work by Mendele Mokher Sefarim)
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"Treason of the Senate, The" (work by Phillips)
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Treasons, Statute of (Eng.)
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"Treasure, The," *or* "Der Schatz" (film by Pabst)
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"Treatise Concerning Eternal and Immutable Morality, A" (work by Cudworth)
discussed in biography **3:**778:1a
"Treatise Concerning Religious Affections, A" (work by Edwards)
discussed in biography **4:**381:3a
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"Treatise Concerning the Principles of Human Knowledge" (work by Berkeley)
discussed in biography **2:**133:2b
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"Treatise of Civil Power in Ecclesiastical Causes, A" (work by Milton)
discussed in biography **24:**106:2a
"Treatise of Fluxions" (book by Maclaurin)
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"Treatise of Human Nature, A" (work by Hume)
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"Treatise of Japanning and Varnishing" (work by Stalker and Parker)
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"Treatise of Pathological Anatomy," *or* "Handbuch der pathologischen Anatomie" (work by Rokitansky)
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"Treatise of Skating, A" (work by Jones)
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"Treatise of Taxes and Contributions" (work by Petty)
discussed in biography **9:**348:1b
"Treatise on Algebra" (work by Wallis)
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"Treatise on Civil Architecture, A" (work by Chambers)
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discussed in biography **1:**831:3b
"Treatise on Constitutional Law" (work by Duguit): *see* "Traité de droit Constitutionnel"
"Treatise on Domestic Economy, A" (work by Beecher)
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"Treatise on Grand Military Operations," *or* "Traité des grandes opérations militaires" (work by Jomini)
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"Treatise on Instrumentation and Orchestration," *or* "Traité d'instrumentation et d'orchestration" (work by Berlioz)
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"Treatise on Light," *or* "Traité de la lumière" (work by Huygens)
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"Treatise on Man and the Development of His Faculties, A," *or* "Physique sociale," *or* "Sur l'homme" (work by Quetelet)
discussed in biography **9:**855:1b
"Treatise on Membranes," *or* "Traité des membranes" (work by Bichat)
discussed in biography **2:**197:2b
"Treatise on Money" (work by Keynes)
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"Treatise on Painting" (work by Leonardo da Vinci)
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dell' arte" (work by Cennini)
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"Treatise on Possession; or, the Jus Possessionis of the Civil Law," *or* "Das Recht des Besitzes" (work by Savigny)
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"Treatise on Rivers and Torrents, A," *or* "Del modo di regolare i fiumi, e i torrenti" (work by Frisi)
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"Treatise on Tenures" (work by Littleton): *see* "Littleton on Tenures"
"Treatise on the Anglo-American System of Evidence in Trials of Common Law" (work by Wigmore)
discussed in biography **12:**653:1a
"Treatise on the Arte of Limning" (work by Hilliard)
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"Treatise on the Astrolabe" (work by Chaucer)
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"Treatise on the Correction of the Understanding," *or* "Tractatus de Intellectus Emendatione" (work by Spinoza)
discussed in biography **11:**100:2b
"Treatise on the Diagnosis and Treatment of Diseases of the Chest, A" (work by Stokes)
discussed in biography **11:**281:2b
"Treatise on the Fundamental Principles of Violin Playing, A," *or* "Versuch einer gründlichen Violinschule" (work by Leopold Mozart)
discussed in biography **8:**385:2a
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"Treatise on the Improvement of Canal Navigation" (work by Fulton)
discussed in biography **5:**47:3b
"Treatise on the Power and Primacy of the Pope," *or* "Appendix on the Papacy" (work by Melanchthon) **11:**907:1a
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"Treatise on the Principles and Practice of Medicine" (work by Flint)
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"Treatise on the Sensations," *or* "Traité des sensations" (work by Condillac)
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"Treatise on the Smallpox and Measles, A," *or* "De variolis et morbillis" (work by Rhazes)
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"Treatise on the Social Compact: Or, The Principles of Political Law, A" (work by Rousseau): *see* "Social Contract, The"
"Treatise on the Theory and Practice of Midwifery" (work by Smellie)
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"Treatise on Theoretical and Applied Electricity," *or* "Traité d'électricité théorique et appliquée" (work by La Rive)
discussed in biography **7:**72:1a
"Treatise on Tolerance" (work by Bulgaris)
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treaty (diplomacy) **11:**907:1b
major ref. in international agreements **6:**346:1a
comparison with executive agreement **4:**628:3b
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international law **6:**351:1a; **21:**725:1b, 726:2a
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passim to 355:2b
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Treaty Banning Nuclear Weapons Tests in the Atmosphere, in Outer Space and Under Water (UN): *see* Nuclear Test Ban Treaty
Treaty of . . ., *or* Treaty on . . . : *see under* substantive word, *e.g.,* Versailles, Treaty of, except as below
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discussed in biography **3:**132:3b
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Vallejo **12:**248:3b
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Valleran-Lecomte (Fr. thea. co.)
performance of French Neoclassical plays **28:**540:2a
Valles (reg., Bol.): *see* Valleys
Valles, *or* Ciudad de Valles (Mex.) **12:**249:2a
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Vallès, Jules-Louis-Joseph (Fr. writ.) **12:**249:2a
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Valletta, Vittorio (It. exec.)
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valley breeze (meteorol.)
production of currents **2:**496:1a
Valley City (N.Dak., U.S.) **12:**249:3b
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"Valley Curtain" (work by Christo)
environmental sculpture **4:**512:2a
Valley Forge (U.S. hist.) **12:**250:1a
American Revolution **12:**161:1a; **29:**214:1a
Washington **29:**721:1a
valley glacier: *see* alpine glacier
valley oak (tree): *see* California white oak
Valley of . . . : *see under* substantive word, *e.g.,* Ten Thousand Smokes, Valley of the
Valley Pike (Hwy., U.S.)
Shenandoah Valley **10:**723:2b
valley pocket gopher, *or* Thomomys bottae (rodent)
characteristics *illus.* **23:**444
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valley temple (Egy. arch.)
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Valleys, *or* Montañas, *or* Valles (reg., Bol.)
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Vallingby (Swed.)
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Vallis Marineris (rift, Mars)
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Vallombrosa (It.) **12:**250:1b
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Valmiki (Hindu sage)
"Ramayana" **20:**597:2a; **27:**723:1b
"Valmiki Pratibha" (opera by Tagore)
Indian theatre **27:**755:2b
Valmy, Battle of (Eur. hist.)
effect on
Franco-Prussian conflict **18:**763:1b, *map* 764
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Valmy, François-Christophe Kellerman, duc de (Fr. gen.): *see* Kellermann, François-Christophe, duke de Valmy
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Bourbon dynasty **15:**182:2a
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Joan of Arc **22:**377:2b
John the Fearless **6:**568:1a
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France **4:**920:1b; **19:**467:1b *passim to* 474:2a, 531:1a
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"Valor of Ignorance, The" (work by Lea)
discussed in biography **7:**217:2b
"Valosag" (Hung. lit. period.)
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Valparaíso (reg., Chile) **12:**250:3b
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"Valpinçon Bather" (paint. by Ingres)
history of Romanticism **25:**365:1b, *illus.* Plate 19 fol. 370
Valsad (dist., India)
major ref. in Valsad **12:**251:2b
Valsad, *or* Bulsar (India) **12:**251:2a
Valsalva, Antonio Maria (It. anat.)
study of eustachian tube **27:**205:1b
Valsbaai (bay, S.Af.): *see* False Bay
Valsequillo (archae. site, Mex.)
pre-Columbian remains **26:**3:2b, *map*
"Valsolda" (poetry by Fogazzaro)
discussed in biography **4:**857:3b
Valtellina, *or* Veltlin (val., It.) **12:**251:2b
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see also Adda River
Valturio, Robert (inv.)
history of automotive technology **28:**771:2b
valuation (econ.): *see* value
valuation (math.)
major ref. in Algebra **13:**290:2b
development from number theory **25:**19:1a
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treatment of axiology **1:**746:3a
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property of colour **16:**596:1a
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sculpture **27:**44:1a
value (econ.)
major ref. in Economic Theory **17:**942:1b
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government spending evaluation **20:**199:1b, 211:1a
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primitive economic systems **17:**939:2b
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value (philos.)
comparison with attitude **1:**687:3b
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collective behaviour **16:**561:2b, 564:1a, 565:1b
public opinion **26:**354:1b
sociological research **27:**386:1b
philosophical definition **1:**746:3a
view of
Logical Positivism **25:**767:1a
Nietzsche **24:**897:2b
philosophical anthropology **25:**565:2b
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value-added margin (econ.)
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European tax systems **20:**201:2b
sales and excise taxes **28:**427:2b
for a list of related subjects see PROPAEDIA: Section 534
value-added theory (sociol.)
description of social movements **16:**562:2b
"Value and Capital" (work by Hicks)
discussed in biography **5:**911:2b
Value Creation Educational Society, *or* Value Creation Society (Japanese rel.): *see* Sōka-gakkai
value engineering (indus. engin.)
business management **21:**227:2b
valvassores (It. soc. group)
policies of Conrad II **3:**546:1b
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circulatory system **16:**379:1a *passim to* 398:1b
for a list of related subjects see PROPAEDIA: Section 336
see also heart valve
valve (electronics): *see* electron tube
valve (mech.) **12:**252:1a
gasoline engines **18:**478:1a *passim to* 482:1b, *illus.* 481; **28:**778:1a
pneumatic devices **9:**533:3b
rockets and missile systems **18:**492:1b
sprinkler systems **19:**185:1a
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gasoline engines **18:**482:1b, *illus.* 481
Valverde (prov., Dom. Rep.) **12:**252:3a
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function **9:**980:2b
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Hindu Tantrism **20:**605:2a
Vamana (Hindu myth.) **12:**252:3a
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characteristics **1:**952:1a
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for a list of related subjects see PROPAEDIA: Section 313
Vampyromorpha (cephalopod order)
characteristics **24:**331:2a
Vampyrum spectrum (bat): *see* American false vampire bat

"De," "la," "van," and similar components of a name, when followed by a space, are alphabetized as separate words (e.g., De Forest, Lee). When they are joined to the following part of a name, the combination is treated as a single word (e.g., DeForest, John William).

"Vamsa Bhaskara" (work by Suryamal Misrama)
Rajasthani literature **27:**737:1a
van (in proper names): *see* below and *see also* names spelled with no space after "van" (*e.g.,* Vanbrugh, Sir John). *See also under* substantive part of name (*e.g.,* Leeuwenhoek, Antonie van)
Van (Tur.) **12:**253:2a
Van, Lake, *or* Arsissa Lacus, *or* Thospitis Lacus, *or* Van Gölü (l., Tur.) **12:**253:3a
city of Van **12:**253:2b
history of Armenian speaking peoples **22:**683:2b
lava-encircled lakes in Asia **14:**175:1b
physiography of Turkey **28:**891:2a
Van Alen, William (arch. designer)
Chrysler Building **3:**290:3a
Van Allen, James Alfred (Am. phys.)

12:253:3b
discovery of radiation belts 12:254:1a
study of atmospheric sciences 17:582:1b
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for a list of related subjects see PROPAEDIA: Section 221
Van Alstyne, Fanny (Am. hymn writ.): *see* Crosby, Fanny
Van Amburgh, Isaac A. (Am. circus manager)
circus history 3:328:2b; 16:420:1a
Van Breda, H. L. (philos.)
contribution to Husserl Archives 25:638:2b
Van Brunt, Henry (Am. arch.)
contribution to Gothic Revival 13:1036:1b
Van Buren (Ark., U.S.) 12:254:2a
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Van Buren, Martin (pres. of U.S.) 12:254:2a
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Van Cleef & Arpels (jewelry firm)
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Van Cortland, Stephanus (Am. pol.) 12:254:3b
Van de Graaff, Robert Jemison (Am. phys. and inv.) 12:255:1a
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Van de Graaff generator (instru.)
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work of Van de Graaff 12:255:1a
van de Kamp, Peter (astron.)
stellar density 19:628:1b
van de Velde (surname): *see under* Velde, *e.g.,* Velde, Adriaen van de
Van Deman, Esther Boise (Am. archae.) 12:255:1b
Van Deman, Ralph Henry (U.S. gen.) 12:255:2a
Van den Bergh family (Du. fam.)
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van den Bergh, Sidney (astron.)
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Van den Berghe, Pierre L. (Am. sociol.)
sociobiological theory for family study 19:70:1b
van den Eeckhout, Gerbrand (Du. paint.)
association with Rembrandt 26:650:1a
"Van den vos Reinaerde" (work by Willem)
discussed in
biography 12:665:3b
Dutch literature 17:529:2b
Van Depoele, Charles Joseph (Am. inv.) 12:255:3a
van der . . . : *see under* substantive word, *e.g.,* Weyden, Rogier van der, except as below
van der Hoeve syndrome (path.)
symptoms 8:1034:1a
Van der Kloof irrigation canals (canals, S.Af.)
development projects on Orange River 13:127:2b
Van der Pol's equation, *or* Van der Pol's differential equation (math.)
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Van Diemen's Land (hist. colony, Tas., Austr.) 12:256:1b
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Arthur 1:603:2a
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Van Diemen's Land Folk Museum (Tas., Austr.)
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Van Doren, Mark (Am. writ.) 12:256:3a
Van Dyck, Sir Anthony, *or* Anthonie Vandyke (Flem. paint.) 12:256:3b
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Van Loo, Charles-André, *or* Carle Vanloo (Fr. paint.) 12:258:3a
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"Van oude menschen, de dingen die voorbijgaan" (work by Couperus): *see* "Old People and the Things That Pass"
van Praagh, Peggy (Austr. ballet dir.)
contribution to Australian Ballet 1:715:2b
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van Rijn, Saskja, *or* Saskja Uylenburgh (Du. heiress)
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Van Risen Burgh, Bernard, II (Fr. cabinetmaker): *see* Risenburgh, Bernard van, II
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van Suchem, Ludolph (Eur. traveller)
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van Swanenburg, Jacob Isaacszoon (Du. paint.)
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Van Valkenbough, Peter (Am. art.)
sketch of Bolton *illus.* 2:346
Van Vechten, Carl (Am. writ.) 12:258:3b
Van Vleck, John Hasbrouck (Am. phys.) 12:259:1a
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Van Volkenburg, Ellen (Am. puppeteer)
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Van Wagener, Isabella (Am. reformer): *see* Truth, Sojourner
van Welbeck, Johannes (Du. colonialist)
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Australia 14:429:2a
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Corsica 19:535:1b
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Guy *illus.* **5**:584
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Vanderbilt, Amy (Am. au. and journ.) **12**:263:2a
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Vanderbilt, Cornelius (Am. indus. and philan.) **12**:263:2b
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history of Nicaragua **8**:676:2b
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Vanderbilt, George Washington (Am. sci.)
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Vanderbilt, Gertrude (Am. sculp.): *see* Whitney, Gertrude Vanderbilt
Vanderbilt, Harold Stirling (Am. indus. and inv.)
major ref. in Vanderbilt family **12**:263:2a
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Vanderbilt, William Henry (Am. indus. and philan.) **12**:263:3b
Vanderbilt, William Kissam (Am. indus.)
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transportation system of Lake Nicaragua **8**:677:2a
Vanderbilt University (univ., Nashville-Davidson, Tenn., U.S.)
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Vanderdecken (leg. figure)
legend of the Flying Dutchman **4**:852:3b
Vanderlin (is., Austr.)
part of Sir Edward Pellew Group **10**:843:2b
Vanderlyn, John (Am. paint.) **12**:264:1a
panorama painting **9**:117:2b
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Vandervelde, Emile (Belg. states.) **12**:264:1b
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design **9**:797:2b, *illus.*
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