The New Encyclopædia Britannica

THE INDEX

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"Let knowledge grow from more to more
and thus be human life enriched."

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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, human equality. If they look in MICROPAEDIA Volume 6 at the appropriate alphabetical position, they will not find an article on human equality. The INDEX, however, lists references to three other articles in *Encyclopædia Britannica* in which information on human equality 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.

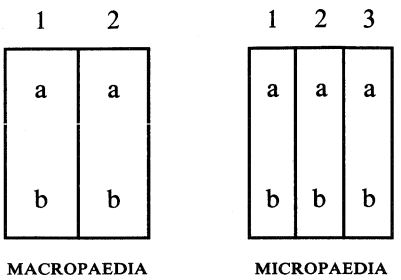
At the top of the outside column of each page of the INDEX is a key word or heading that identifies, on the left-hand page, the first entry or, on the right-hand page, the last entry. These enable readers to find more readily the subjects included on the two pages. Readers are also urged to study the 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
    19:556:1a
  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;
    25:629:1b
  development of Realism **9**:974:1b;
    18:702:2b, 704:1b
  literary style **23**:89:1b
  "Madame Bovary" **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 *(e.g.,* 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
C.I.	Côte d'Ivoire
class.	classification, classical
cler.	clergyman
Cleve.	Cleveland (English county)
climat.	climatological, climatologist, climatology
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
commu.	communications
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, diplomacy
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, electronics
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
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
M.Glam.	Mid Glamorgan
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
Nam.	Namibia
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
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, Singaporean
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.Glam.	West Glamorgan
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 *see* thyroxine; except as below
"L'Alphabet des mouvements du corps humain" (work by Stepanov)
use in choreography **3:**267:2a
l'Aune, Étienne de (Fr. engr.): *see* Delaune, Étienne
L band (frequency band)
radar applications **26:**468:1a
L-D process (met.): *see* basic oxygen process
L-dopa (chem. compound): *see* Levodopa
L fibre (biol.): *see* salt receptor
L-head engine (engin.)
gasoline engines **18:**353:1a
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; *see also* names spelled with no space after "la" (*e.g.*, LaFontaine, Sir Louis Hippolyte); *see also under* substantive word (e.g., Mothe, Jean-Baptiste M. Vallin de la)

"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 Asunción (Venez.): *see* Asunción, La
La Baie (Que., Can.)
location *map* **15:**460
La Barre, Jean-François Lefebvre, chevalier de (Fr. nobleman)
Voltaire's reaction to his execution **19:**549:1b; **29:**527:1a
"Là-bas" (work by Huysmans): *see* "Down There"
La Baule-Escoublac, *or* La Baule (resort, Fr.) **7:**61:1a
location *map* **19:**432
La Baume le Blanc, Louise-Françoise 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:**353:2a
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
features of Los Angeles **23:**310:1a, *map* 308
remains of
dire wolves **4:**118:1b
sabre-toothed cats **10:**283:3a
La Bruyère, Jean de (Fr. au.) **7:**61:1b
contribution to French literature **19:**548:1b
place in French culture **19:**488:1b
views on letter writing **23:**195:1a
La Calprenède, Gaultier de Coste, seigneur de (Fr. au.) **7:**61:2b
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:**550:1a
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
measurement of Earth's shape **17:**571:2b
La Crosse (Wis., U.S.) **7:**62:1b
location *maps* **29:**155, 179
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 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:**548:1a
La Ferassie skeletons (fossils): *see* Ferassie skeletons, La
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 Movement and state reform **29:**250:1b
Progressive Party **9:**722:2b
presidential election of 1924 **29:**254:2a
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:**548:1a
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:**573:1a
La Fosse, Charles de, *or* Charles Delafosse (Fr. art.) **7:**65:3b
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 (Fr. colonial states.) **7:**66:1b
history of Canada **15:**475:2a
La Giocosa (It. hist. school)
major ref. in History of Education **18:**28:1a
role of Vittorino da Feltre **12:**407:1a
La Goulette (Tun.): *see* Halq al-Wadi
La Grandière, Pierre-Paul-Marie-Benoît de (Fr. adm.)
effect on Vietnamese history **27:**872:2a
La Grange (Ga., U.S.) **7:**66:2a
La Gruyère, *or* Greyerz (reg., Switz.) **7:**66:2a
La Guaira (Venez.) **7:**66:2b
importance of port to Caracas **15:**551:1b
La Guardia, Fiorello Henry (mayor of New York City) **7:**66:2b
political methods **24:**873:2a
La Guma, Alex (S.Af. writ.) **7:**66:3b
South African literature **11:**34:3b; **13:**126:2b
La Habana (prov., Cuba) **7:**67:1a
Cuba **29:**733:1a
La Habana (Cuba): *see* Havana
La Habana vieja (dist., Havana, Cuba): *see* Havana
La Habra (Ca., U.S.) **7:**67:1a
La Halle, Adam de (Fr. poet): *see* Adam de la Halle
La Harpe, Bernard de (Fr. expl.)
history of Little Rock **7:**404:3a
La Harpe, Frédéric-César de (Swiss pol.) **7:**67:1b
influence on Alexander I **1:**242:2b
role in Vaud liberation movement **28:**367:1b
La Harpe, Jean-François de (Fr. crit.) **7:**67:2a
La Hire, Laurent de, *or* Laurent de La Hyre (Fr. paint.) **7:**67:2a
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:**67:2b
La Jaunaye, Convention of (Fr. hist.)
effect on Vendée Wars **12:**300:2b
La Jolla Submarine Canyon (Pac.O.)
Scripps Canyon **10:**571:2b
La Junta (Colo., U.S.) **7:**67:3a
location *maps* **29:**155, 185
La Lajuela (C.R.): *see* Alajuela
La Libertad (El Sal.) **7:**67:3b
location *map* **15:**672
La Libertad, *or* Libertad (dept., Peru) **7:**67:3a
location *map* **25:**517
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 (Indon. rebel): *see* Arung Singkang
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 Menthe, Ferdinand Joseph (Am. mus.): *see* Morton, Jelly Roll
La Mesnardière, Hippolyte-Jules Pilet de (Fr. au.)
French literature **19:**546:1b
La Mettrie, Julien Offroy de (Fr. physic. and philos.) **7:**68:3a
Descartes's influence **25:**623:1b
philosophical views **25:**752:2b
Epicureanism **25:**575:1b
Materialism **18:**667:2b
"La Mort: Mon ironie dépasse toutes les autres" (print by Redon)
effect of lithography *illus.* **26:**119
La Mothe Le Vayer, François de, *or* Orosius Tubero (Fr. philos.) **7:**68:3b
contribution to French literature **19:**548:1b
La Motte, Comtesse de (Fr. adventuress)
role in Affair of the Diamond Necklace **4:**65:2a
la Motte, Isle (is., Vt., U.S.)
location *map* **29:**173
La Noue, François de (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
location *map* **15:**672
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
location *map* **14:**44
La Paz (dept., Bol.) **7:**69:2b
location *map* **15:**158
La Paz (Bol.) **7:**69:3a
history **15:**164:2b
location *map* **15:**158
political and cultural centre **15:**157:1a *passim to* 164:2a
Sucre dispute **11:**348:2b
La Paz (dept., El Sal.) **7:**70:1a
La Paz (dept., Hond.) **7:**70:1a
La Paz (Hond.) **7:**70:1a
location *map* **15:**672
La Paz (Mex.) **7:**70:1b
Baja California **1:**810:1a
location *map* **24:**28
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
Sea of Okhotsk **8:**900:1a
La Piedad Cavadas (Mex.) **7:**70:2b
location *map* **24:**28
La Planche, François de, *or* Franz van den Planken (Flem. weaver)
development of tapestry loom **17:**89:2b
La Plata (Arg.) **7:**70:3a
location *map* **14:**44
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:**743:1b
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
location *map* **14:**44
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:**547:1a
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 Ruche: *see* Beehive, The
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**:542:2a
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
association with
Frontenac **5**:22:1b
Hennepin **5**:832:3a
Tonty **11**:844:2a
exploration of
Indiana **29**:360:1b
Kansas **29**:366:1b
Lake Michigan **8**:99:3b
Louisiana **29**:327:1b
Mississippi River **24**:1015:1a
Ohio River **8**:891:1a
history of South Bend **11**:39:2b
La Salle, Saint Jean-Baptiste de (Fr. educ.) **7**:74:1b
establishment of Christian Brothers Schools **3**:277:3b
"La Salle and the Discovery of the Great West" (work by Parkman)
discussed in biography **9**:160:3b
La Scala, *or* Teatro alla Scala (opera house, Milan, It.) **7**:75:1a
Abbado **1**:8:2b
description **11**:678:2a; **28**:573:2b
Milan **8**:123:1b; **24**:99:1a, *map* 97
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la Selle, Mount (mt., Haiti): *see* Selle, Mount la
La Serena (Chile) **7**:75:1b
location *map* **16**:23
mining in Coquimbo region **3**:617:1b
La Seyne-sur-Mer (Fr.): *see* Seyne-sur-Mer, La
La Silla Observatory (observatory, Chile)
establishment by European Southern Observatory **4**:607:1b
location *map* **16**:23
La Spezia, *or* Spezia (nav. base, It.) **7**:75:2a
economic importance to Liguria **22**:242:1b
La Taille, Jean de (Fr. au.) **7**:75:2a
La Tène (archae. site and culture, Eur.) **7**:75:2b
major ref. in Europe **18**:594:2b, *illus.* 595
art style **29**:21:2b
Celtic culture **19**:452:2b
metalwork and stone sculpture **21**:959:1b
Reinheim grave remains **9**:1011:2b
La Tortuga Island, *or* Tortuga Island (isl., Venez.)
location *map* **29**:471
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
contribution to Baroque art **25**:372:1a, *illus.* Plate 16 fol. 378
La Tour, Maurice-Quentin de, *or* Maurice Quentin de Latour (Fr. art.) **7**:76:2a
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Alembert *illus.* **1**:235
Charles Edward, the Young Pretender *illus.* **3**:124
Rousseau *illus.* **26**:958
Saxe *illus.* **10**:489
Vernet *illus.* **12**:324
La Trappe, Abbey of (abbey, Fr.)
association with Trappists **3**:331:1a; **11**:904:1a
La Trémoille, Claude de (Fr. noble)
major ref. in La Trémoille family **7**:76:3a
La Trémoille, François de (Fr. noble)
major ref. in La Trémoille family **7**:76:3a
La Trémoille, Georges de (Fr. noble) **7**:76:3b
major ref. in La Trémoille family **7**:76:2b
association with Charles VII **3**:106:3b
conflict with Richemont **10**:52:2a; **22**:378:1b
La Trémoille, Gui de (Fr. noble)
major ref. in La Trémoille family **7**:76:2b
La Trémoille family (Fr. fam.) **7**:76:2b
La Trobe River, *or* Glengarry (riv., Vic., Austr.) **7**:77:1a
La Tuque (Que., Can.) **7**:77:1a
location *map* **15**:460
La Unión (El Sal.) **7**:77:1b
location *map* **15**:672
La Vallière, Louise-Françoise de La Baume le Blanc, duchesse de (Fr. mistress) **7**:77:1b
association with lavaliere **7**:198:3a
La Varenne, François-Pierre de (Fr. chef)
contributions to
French culinary art **19**:690:2a
grande cuisine **5**:421:1b
La Vauguyon, Antoine de Quélen de Caussade, Duc de (Fr. educ.)
influence on Louis XVI of France **7**:502:2a
La Vega, *or* Concepción de la Vega (Dom.Rep.) **7**:77:2a
La Venta (archae. site, Mex.)
major ref. in Pre-Columbian Civilizations **26**:5:2b, *map* 3
architecture and art **8**:921:1a
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Mesoamerican civilization **24**:39:1b
La Vérendrye, Pierre Gaultier de Varennes, sieur de (Fr.-Can. soldier and expl.) **7**:77:2b
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Canada **15**:475:1b
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Lagos (Gr.)
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Lagos (state, Nig.) **7:**101:1b
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Lagos Island (is., Nig.)
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Lagostrophus faciatus (mammal): *see* banded hare wallaby
Lagosuchus (fossil reptile)
relation to dinosaur **17:**317:1a
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Lagrange, Joseph-Louis, comte de l'Empire, *or* Giuseppe Luigi Lagrangia (Fr. math.) **7:**101:3b
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French Republican calendar **15:**447:2b
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major ref. in Algebra **13:**275:2a
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"lágrimas de Angelica, Las," *or* "Primera parte de la Angélica" (work by Barahona de Soto)
discussed in biography **1:**882:3a
lagting (Scand. pol. assembly): *see* thing
Lagu, Joseph (Sud. rebel leader)
history of Sudan **28:**282:1a
Lague formula (pol.sci.)
representation in the electoral process **25:**1027:1b
Laguerre, Louis (art.)
portrait of William, 1st Earl Cadogan *illus.* **2:**715
Laguerre polynomial (math.)
orthogonal polynomials **13:**498:2a, *illus.*
Laguna (people)
Pueblo Indian culture **13:**337:1b, *map* 335
Laguna (prov., Phil.) **7:**102:3b
Laguna . . . (bodies of water): *see under* substantive word, *e.g.,* Jiloá, Laguna de
Laguna Beach (Calif., U.S.) **7:**102:3b
Laguna Blanca National Park (park, Arg.)
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Laguna District (district, Mex.) **7:**103:1a
Laguna Indian Reservation (reg., N.M., U.S.)
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irrigation of northern Mexico **24:**35:1b
Lagunaria patersoni (bot.): *see* sugarplum tree
Lagurus ovatus (bot.): *see* hare's-tail grass
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Lahamu (Mesop. myth.): *see* Lahmu and Lahamu
lahar (volcanic mudflow) **7:**103:2a
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Lahbabi, Mohammad Aziz (Af. writ. and philos.) **7:**103:2b
Lahde, G. L. (engr.)
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for a list of related subjects see PROPAEDIA: Section 822
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Lahnda language, *or* Jatki language, *or* Western Panjabi (Indo-Aryan lang.) **7:**103:3b
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Lahontan, Louis-Armand de Lom d'Arce baron de (Fr. soldier): *see* La Hontan, Louis-Armand de Lom d'Arce, baron de
Lahontan Reservoir (res., Nev., U.S.)
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Lahore, Treaty of (U.K.-India)
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Lahore Fort (fort, Pak.)
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Lahore Museum, *or* Central Museum (museum, Lahore, Pak.) **7:**104:2a
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Thailand **27:**850:1b
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Machaut **7:**627:2a
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for a list of related subjects see PROPAEDIA: Section 624
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basis of Breton lay **2:**504:3b
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"Lai de l'ombre" (work by Renart)
discussed in biography **9:**1023:3b
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part of Hung-shui River **6:**152:2a
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Laibach (Yugos.): *see* Ljubljana
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intrigue of Ferdinand I **4:**735:2b; **22:**261:2a
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laibon (Af. ritual leader)
role in Masai East African history **17:**789:2b, 799:2a
Laidlaw, Patrick P. (Br. sci.)
study of virology **29:**502:1a
Laidoner, Johan (Est. patriot) **7:**105:1a
Laie (Haw., U.S.) **7:**105:1b
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Lainé, Pascal (Fr. au.)
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Niger River **13:**104:2b
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Laing, Hugh (dancer)
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mercantilism **8:**26:1b
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France **19:**493:2b, 521:1b
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Churchill **16:**373:1a
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for lists of related subjects see PROPAEDIA: Sections 531; 534
laity (rel.)
Buddhism **15:**300:1a
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legend of Oedipus **8:**879:1b
Laja River, *or* Río de la Laja (riv., Mex.) **7:**106:1a
Lajes, *or* Lages (Braz.) **7:**106:1a
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Lajes (Port.) **7:**106:1b
Lajos II (k. of Hung. and Bohem.): *see* Louis II
Lajos Nagy (k. of Hung.): *see* Louis I
Lajpat Rai, Lala (Indian writ. and pol.) **7:**106:1b
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LAK cell (biol.): *see* lymphokine-activated killer cell
Lak language: *see* Lakk language
Laka (people)
distribution in Chad **29:**837:2a
lakabi ware, *or* kashan ware, *or* laqabi ware (pottery) **7:**106:2a
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Oceanic arts **25:**127:2b
Lakanal, Joseph (Fr. educ.) **7:**106:2b
Lake, *or* Senijextee (people)
distribution on North American Plateau **13:**329:2b, *illus.*
lake (physiographic feature) **22:**543:1a; **7:**106:3a
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glacial erosion and Pleistocene Epoch **16:**742:2a, 744:1b; **19:**863:1b
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formation of
bog **2:**322:2a
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for a list of related subjects see PROPAEDIA: Section 222
see also glacial lake; lacustrine ecosystem; lake stratification; tectonic lake; *and* specific lakes by name, *e.g.,* Michigan, Lake
lake (pigment) **7:**108:2a
painting restoration **14:**89:1b
for a list of related subjects see PROPAEDIA: Section 122
Lake . . . (geog. feature): *see under* substantive word, *e.g.,* Ai-ting, Lake, except as below
Lake, Gerard (Br. gen.): *see* Lake of Delhi and of Aston Clinton, Gerard Lake, 1st Viscount
Lake, Kirsopp (Br. schol.)
discovery of New Testament manuscripts **14:**817:2b
Lake, Simon (Am. inv.) **7:**108:2b
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Lake Chad Commission (Af. com.)
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Lake Charles (La., U.S.) **7:**108:3a
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lake chubsucker, *or* Erimyzon sucetta (fish)
description **11:**347:2a
Lake City (Fla., U.S.) **7:**108:3b
Lake Clark National Park and Preserve (park, Alsk., U.S.) **7:**108:3b
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factors initiating water movements **22:**550:2b
Lake District (geog. reg., Chile)
major ref. in Chile **16:**21:1b
Lake District (park, Cumbria, U.K.) **7:**109:1a
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Esthwaite Water *illus.* **18:**532
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national park description and statistics *table* **8:**546
Lake Dwellings, *or* Pfahlbauten, *or* Uferrandsiedlungen (pile houses) **7:**109:1b
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Lake Erie, Battle of (U.S. hist.) **7:**109:2a
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Lake Forest (Ill., U.S.) **7:**109:2b
Lake Garden (museum, Seremban, Mal.)
description **10:**646:3a
Lake Geneva (Wis., U.S.) **7:**109:2b
Lake Havasu City (Ariz., U.S.) **7:**109:3a
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Lake Hazen Valley (reg., Can.)
environment of Arctic Islands *illus.* **14:**30
lake herring (fish): *see* cisco
lake ice (hydrology): *see* ice formation
lake-level fluctuation
importance in
East African lakes **13:**99:2a
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Lake Louise (Alta., Can.) **7:**109:3b
"Lake Lyrics and Other Poems" (work by Campbell)
discussed in biography **2:**777:1b
Lake Mead National Recreation Area (recreation area, U.S.)
description and statistics *table* **8:**541
location on Lake Mead **7:**987:2a
Lake Mobutu Sese Seko (l., Af.): *see* Albert, Lake
Lake Nakuru National Park (park, Ken.)
conservation in Africa **13:**58:2b
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example of carcharhinid **2:**857:2a
Lake of Delhi and of Aston Clinton, Gerard Lake, 1st Viscount (Br. gen.) **7:**108:2a
role in Maratha Wars **11:**411:1a
Lake Pedder National Park (park, Tas., Austr.): *see* South-West National Park
Lake Placid (N.Y., U.S.) **7:**110:1a
Lake Plateau (reg., E.Af.)
hydrology of the Nile River **13:**105:2a
Lake poet (Eng. lit. circle) **7:**110:1b
contribution to English literature **18:**452:2b
Lake Ponchartrain No. 1 Bridge (bridge, La., U.S.)
location *map* **29:**176
longest bridges *table* **2:**511
Lake Ponchartrain No. 2 Bridge (bridge, La., U.S.)
location *map* **29:**176
longest bridges *table* **2:**511
"Lake Regions of Central Africa" (work by Burton)
discussed in biography **2:**668:2a
Lake Ridge (ridge, N.Am.): *see* Niagara Escarpment
lake salmon: *see* sebago salmon
Lake Shore Drive Apartments (bldg., Chicago, Il., U.S.)
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lake sturgeon, *or* Acipenser fulvescens, *or* rock sturgeon (fish)
characteristics and classification **19:**218:2b
description and distribution **11:**334:1b
Lake Superior Provincial Park (park, Ont., Can.) **7:**110:1b
Lake Superior whitefish, *or* Coregonus clupeaformis, *or* whiting, *or* shad
characteristics **12:**634:3a
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lake trout, *or* gray trout, *or* Great Lakes trout, *or* mackinaw trout, *or* salmon trout, *or* Salvelinus namaycush (fish) **7:**110:1b
for a list of related subjects see PROPAEDIA: Section 313
Lake Wales (Fla., U.S.) **7:**110:2a
Lake Washington Ship Canal (waterway, U.S.) **7:**110:2b
Lake Woodruff National Wildlife Refuge (nature preserve, Fla., U.S.)
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feature of Lau Group **7:**187:2b
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Lakehead (Ont., Can.): *see* Thunder Bay
Lakehurst (N.J., U.S.) **7:**110:2b
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Lakeland terrier, *or* Patterdale terrier (breed of dog) **7:**110:3a
Lakemba (is., Fiji): *see* Lakeba
Lake's Crossing (Nev., U.S.): *see* Reno
Lakes Entrance (Vic., Austr.) **7:**110:3a
Lakeview (Ore., U.S.) **7:**110:3b
Lakewood (N.J., U.S.) **7:**111:1a
Lakewood (Ohio, U.S.) **7:**111:1a
Lakh language: *see* Lakk language
Lakhimpur (India) **7:**111:1a
Lakhmid (Arabic people)
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Lakhmid dynasty (Arab. dynasty) **7:**111:1a
major ref. in Arabia **13:**817:2b
capital at al-Hirah **5:**941:3a
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Laki (volcano, Ice.) **7:**111:1b
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Laki Hill (peak, India)
place in Jashpur Pats **6:**507:1b
Lakk-Dargwa languages **7:**111:2a
Caucasian language group **22:**739:1a
Lakk language, *or* Lak language, *or* Lakh language
Caucasian language group **22:**739:1b
Lakk-Dargwa language group **7:**111:2a
Lakkundi (India)
Jaina temple **27:**768:2b
"Lakmé" (opera by Delibes)
"Bell Song" aria **24:**635:1b
discussed in biography **3:**974:3b
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Lakoff, George (Am. ling.)
study of linguistics and logic **25:**714:1b
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Cambodian arts **27:**894:2a
Lakonia (dept., Gr.): *see* Laconia
Lakonikos Kolpos (gulf, Gr.): *see* Laconia, Gulf of
Lakota (people): *see* Teton
Lakshadweep, *or* Laccadive, Minicoy, and Amindivi Islands (union terr., India) **7:**111:2a
major ref. in India **21:**156:1b
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Lakshmi (Hindu deity): *see* Laksmi
Laksmana (Hindu myth.)
Hindu mythology **20:**535:1a
Rama **9:**916:1b, *illus.;* **27:**723:1a
Laksmana (temple, Khajuraho, India)
contribution to Indian arts **27:**765:1b, 783:1a, *illus.* 764, 782
sikharas **10:**799:3a
Laksmana era (Hindu chron.)
founding and observance **20:**583:2a
Laksmanasena (Indian ruler)
contribution to Sena dynasty **10:**629:2a
Laksmi, *or* Lakshmi, *or* Sri (Hindu deity) **7:**111:2b
Diwali **4:**134:3a
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for a list of related subjects see PROPAEDIA: Section 823
lal (bird): *see* avadavat
Lal Kila *or* Lal Qal'ah (ft., India): *see* Red Fort
"Lal Qile se Lalukhet Tak" (play by Khwajah Moinuddin)
place in Urdu drama **27:**758:2b
Lala (people) **7:**111:3a
for a list of related subjects see PROPAEDIA: Section 511
Lalage leucomela (bird): *see* varied triller
Lalande, Joseph-Jérôme Le Français de (Fr. astron.) **7:**111:3b
Lalande, Michel-Richard de (Fr. comp.): *see* Delalande, Michel-Richard
Lalande 21185 (astron.)
nearest stars *table* **28:**200
Lalibela (Zague emp. of Eth.)
establishment of Lalibela city **17:**825:2b
reign **12:**885:3b
Lalibela, *or* Roha (Eth.) **7:**112:1a
contribution to African architecture **13:**148:2b
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Lalique, René (Fr. jeweler) **7:**112:1b
Art Nouveau designs **1:**597:2a; **17:**156:2a
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Lalit Kala Akademi (academy, Delhi, India)
promotion of fine arts **21:**20:1b
"Lalitavistara" (Buddhist lit.) **7:**112:2b
Lalitpur (India) **7:**112:3a
Lalitpur, *or* Patan (Nepal) **7:**112:3b
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"Lalka" (work by Prus)
discussed in biography **9:**751:3a
Lalla Khedidja (mt., Af.)
Tell Atlas range **11:**618:2a; **13:**73:1b, *map* 74
"Lalla Rookh" (work by Moore)
place in English literature **18:**452:2b
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Lallans (lang.): *see* Lowland Scottish
Lallans revival (Scot. lit. movement): *see* Scottish renaissance
Lallemand, André (Fr. astron.)
contribution to astronomical photometry **13:**590:1a
Lally, Thomas-Arthur, comte de (Fr. gen.) **7:**112:3b
campaigns in India **21:**80:1a
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Lalo, Édouard-Victor-Antoine (Fr. comp.) **7:**113:1a
Lalor, Peter (Austr. pol.) **7:**113:1b
role in Eureka Stockade **4:**601:1b
Laloux, Victor (Fr. arch.)
contribution to Classicism **13:**980:2b
lam-'bras (Buddhist doctrine)
importance to Sa-skya-pa sect **10:**273:3a
Lam Giang (riv., As.): *see* Ca, Song
"Lam-rim" (Buddhist lit.)
place in
Bka'-brgyud-pa **15:**293:1a
gsung-'bum writings **5:**525:3b
"Lam-rim chen-mo" (work by Tsong-kha-pa)
importance in Tibetan Buddhism **15:**293:1b

Lam Vien, Cao Nguyen, *or* Plateau du Lang Bian (plat., Viet.)
physiography of Vietnam **3**:839:2a
Lama (people): *see* Lamba
lama, *or* bla-ma (Tib. Buddhist leader) **7**:113:2a
see also Dalai Lama
Lama (genus of mammal): *see* lamoid
Lama glama (mammal): *see* llama
Lama guanacoe (mammal): *see* guanaco
Lama Marsh (reg., Benin)
landscape of Benin **29**:861:1a
Lama pacos (mammal): *see* alpaca
Lama vicugna (mammal): *see* vicuña
Lamaism: *see* Tibetan Buddhism
Lamaître, Georges (Belg. astron.)
study of cosmology **25**:566:2a
Lamar (Mo., U.S.) **7**:113:3a
Lamar, Joseph Rucker (U.S. jur.) **7**:113:3a
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Lamar, Lucius Quintus Cincinnatus (U.S. jur.) **7**:114:1a
justices of the Supreme Court *list* **11**:405
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Lamarck, Jean-Baptiste-Pierre-Antoine de Monet, chevalier de (Fr. biol.) **7**:114:2a
association with
Cuvier **3**:815:1b
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anthropology **25**:557:1b
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for a list of related subjects see PROPAEDIA: Section 339
see also Lamarckism
Lamarckia aurea (bot.): *see* goldentop
Lamarckism (biol.)
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introduction by Lamarck **7**:114:2a
views of Wallace **12**:466:3b
Lamartine, Alphonse de (Fr. poet) **7**:115:1b
association with Vigny **12**:365:1b
contribution to French literature **19**:552:1b
role in French history **19**:512:1b
Lamas, Carlos Saavedra (Arg. jur.): *see* Saavedra Lamas, Carlos
Lamashtu, *or* Dimme (Mesop. demon) **7**:116:1b
place in Mesopotamian pantheon **24**:83:2a
for a list of related subjects see PROPAEDIA: Section 822
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"Lavoratore, Il" (It. Communist publ.)
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for a list of related subjects see PROPAEDIA: Section 553
see also judiciary; law, philosophy of; medical jurisprudence; procedural law; seal; main branches of substantive law (*e.g.* agency; criminal law; family law; property law); general concepts and principles of law (*e.g.* justice; liability); professional aspects of law (*e.g.* bar association; lawyer); types and sources of law (*e.g.* civil law; shari'ah)
LAW (Am. cycling org.): *see* American Wheelmen, League of
Law (bibl. lit.): *see* Torah
Law, Andrew Bonar (pr.min. of U.K.) **7:**200:3a
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"Law as a Means to an End," *or* "Der Zweck im Recht" (work by Jhering)
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for a list of related subjects see PROPAEDIA: Section 551
see also judgment; legal system; statute; *and* law codes of specific countries, empires, and nations (*e.g.* Ariano, Assizes of; Danish law; jus Polonicum; jus Teutonicum; kanun; Leopoldine code; Swiss Civil Code; ulozheniye of 1649)
law court (law): *see* court
Law Courts (bldg., London, U.K.): *see* Royal Courts of Justice
law enforcement: *see* frankpledge; hue and cry; law; police; posse comitatus; punishment; ranger; watch-and-ward system
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
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discussed in biography **1**:81:1a
"Law of Freedom in a Platform, The" (work by Winstanley)
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"Law of Nature" (work by Locke)
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Lawick-Goodall, Jane Van, Baroness (Br. ethol.): *see* Goodall, Jane
Lawler, Raymond Evenor (Austr. dram.) **7**:202:2b
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lawn bowls (sport): *see* bowls
lawn croquet (sport): *see* croquet
lawn leaf (bot.): *see* Dichondra
lawn moth (insect): *see* snout moth
lawn tennis (sport): *see* tennis
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Lawrence (antipope): *see* Laurentius
Lawrence (Kan., U.S.) **7**:203:1a
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Lawrence, Abbott (Am. mer.) **7**:203:2a
Lawrence, Amos (Am. philan.)
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Lawrence, David (Am. ed.)
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English literature **18**:459:1a
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Lawrence, Ernest Orlando (Am. phys.) **7**:205:1a
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cyclotron **26**:487:1b
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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
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Lawrence, John (Br. gov.-gen. of India)
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Lawrence, Stringer (Br. of.) **7**:206:1b
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Aberdeen *illus.* **1**:28
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"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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for a list of related subjects see PROPAEDIA: Section 121
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discussed in biography **5**:97:2a
Lawrin (racehorse)
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"Laws," *or* "Nomoi" (work by Plato)
discussed in biography **25**:894:2b, 899:1a
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education **25**:726:2a
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see also exequatur
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Laws for the Imperial and Court Officials (Japanese law): *see* Kinchu Narabi ni Kuge Shohatto
Laws for the Military Houses (Japanese law): *see* Buke Shohatto
laws of . . .: *see under* substantive word, *e.g.,* Indies, Laws of the, except as below
laws of motion, Newton's (phys.): *see* Newton's laws of motion
Lawson, Andrew Cowper (Am. geol.) **7**:208:3b
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Lawson, John Howard (Am. playwright) **7**:209:2a
Lawson, Nigel Thomas (Br. pol.): *see* Biographies in the 1989 BRITANNICA BOOK OF THE YEAR
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Lawson cypress, *or* Port Orford cedar, *or* ginger pine, *or* Chamaecyparis lawsoniana (bot.)
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Western philosophy of law **25**:719:2b
for a list of related subjects see PROPAEDIA: Section 551
see also clerk; legal glossator; individual forms of legal practice (*e.g.* attorney; barrister); legal officials (*e.g.* assessor; notary); *and* types of lawyers by nationality (*e.g.*

kujishi; procurador)
Lawz, Jabal al- (mt., Saud.Arab.)
geography of the Arabian Desert **14:**248:2a, *map* 249
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lax vowel (ling.)
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for a list of related subjects see PROPAEDIA: Section 321
see also cathartic
"Laxdaela saga" (Ice. lit.) **7:**210:1b
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Laxness, Halldór, *or* Halldór Kiljan Gudjónsson (Ice. writ.) **7:**210:1b
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Icelandic culture **20:**764:2b
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Anglo-Norman literature **1:**409:2a
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lay literacy, *or* environmental literacy (lang.)
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"Lay of Igor's Campaign, The" (Russ. lit.): *see* "Igor's Campaign, The Song of"
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Tantric Hinduism **20:**543:2a
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contribution to English literature **18:**429:1b
Layard, Sir Austen Henry (Br. archae.) **7:**210:3b
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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
contribution to African literature **13:**125:2a
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phase of rope making **10:**176:3a
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for a list of related subjects see PROPAEDIA: Section 731
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"Laykhtzin un fremeley" (work by Volfzon-Hale)
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Layla (Islamic lit.): *see* Majnun and Layla
Laylat al-Mi'raj (Islam)
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discussed in biography **8:**487:2b
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Laysan albatross, *or* Diomedea immutabilis (bird)
description **1:**210:2b
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Laysan monk seal (mammal): *see* Hawaiian monk seal
Laysan teal, *or* Anas platyrhyncos laysanensis (bird)
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
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Mingrelian language **8:**156:3a
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"Lazarillo: A Guide for Inexperienced Travellers Between Buenos Aires and Lima," *or* "El lazarillo de ciegos caminantes" (work by Carrío de la Vandera): *see* "Guide for Inexperienced Travellers, A"
"Lazarillo de Tormes" (Sp. novel)
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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
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Lazear, Jesse William (Am. physic.) **7:**212:2b
collaboration with Reed **9:**991:3b
Lazio (reg., It.): *see* Latium **7:**212:2b
Lazninski, Tomasz (Pol. landowner)
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"Three Virgins and a Devil" *illus.* **4:**4
lazulite (min.) **7:**212:3b
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lazuri nena (lang.): *see* Laz language
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feldspathoid mineral group **24:**175:2b
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lbw (sports): *see* leg before wicket
LC Classification (library sci.): *see* Library of Congress Classification
Lcang-skya qutuyu Rol-pa'i rdo-rje (Mong. schol.)
contribution to Buddhist literature *illus.* **15:**735
LCD (electronics): *see* liquid crystal display
LCM (math.): *see* least common multiple
LCP (pol. party, Austr.): *see* Liberal–National Country Party
LCT (naval craft): *see* landing craft, tank
LCUSA (council of churches): *see* Lutheran Council in the United States of America
LCVP (naval craft): *see* landing craft, vehicle, personnel
LD50: *see* median lethal dose
LD50:ED50: *see* therapeutic index
LDC (sociol.): *see* developing nation
LDL (physiol.): *see* low-density lipoprotein
LDP (pol. party, Japan): *see* Liberal-Democratic Party
le (in proper names): *see* below; *see also* names spelled with no space after le, *e.g.*, LeMay, Curtis Emerson; *see also under* substantive part of name, *e.g.*, Bouvier, Gilles le
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Le Blon, Jakob Christoph, *or* Jacques-Christophe Le Blond (Ger. art.) **7:**213:1b
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Le Bossu, René (Fr. crit.)
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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
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association with Diderot **4:**80:2a
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Mateus da Graca, Jose Vieira (Ang. au.): *see* Vieira, Luandino
"Mateusz Bigda" (work by Kaden-Bandrowski)
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"Mathematical Classic of the Gnomon of Chou," *or* "Zhoubei suanjing" (Chin. math.)
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"Mathematical Classics by Sun Tzu" (Chin. math.)
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"Mathematical Contributions to the Theory of Evolution" (work by Pearson)
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mathematical game (recreation): *see* number game
mathematical induction
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major ref. in Analysis in Mathematics **13:**481:1b
"Mathematical Principles of Natural Philosophy, The," *or* "Philosophiae Naturalis Principia Mathematica," *or* "Principia Mathematica" (work by Newton)
discussed in biography **24:**894:2a
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calculus **23:**620:1b
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see also linear programming; non-linear programming
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"Mathematical Psychics" (work by Edgeworth)
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mathematical recreation: *see* number game
"Mathematical Recreations and Essays" (work by Ball)
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mathematical table
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see also logarithm table; multiplication table; trigonometric table
"Mathematical Theory of Communication, The" (article by Shannon)
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"Mathematical Theory of Relativity, The" (work by Eddington)
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"Mathematico-Deductive Theory of Rote Learning" (work by Hull)
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see also applied mathematics; foundations of mathematics; mathematics, philosophy of; the branches of mathematics, *e.g.,* algebra; analysis; arithmetic; combinatorics; geometry; number theory; set theory; topology; *and* specific functions, laws, theorems, and mathematicians by name
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major ref. in Philosophies of the Branches of Knowledge **25:**714:2a
a priori nature **23:**250:2b
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"Mathematics for Exterior Ballistics" (work by Bliss)
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"Mathematics in Nine Chapters" (work by Ch'in Chiu-shao)
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"Mathematics, Queen and Servant of Science" (work by Bell)
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Mathif al-Misri, al- (museum, Cairo, Egy.): *see* Egyptian Museum
Mathilde (q. consort of Eng.): *see* Matilda
Mathilde de Flandre (q. consort of Eng.): *see* Matilda of Flanders
"Mathis der Maler" (opera by Hindemith)
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structure of medulla oblongata **24:**800:2a, 802:1a
medial moraine (geol.)
description **8:**307:1b
medial necrosis (path.)
role in cardiovascular disease **16:**407:1b
medial pectoral nerve (anat.)
function and location **24:**812:1b
medial plantar nerve (anat.)
function and location **24:**813:2b
Medialuna californiensis (fish): *see* halfmoon
median effective dose, *or* ED50 (pharm.)
drug action **17:**531:1b
median eminence (anat.)
association with hormones **14:**908:2a
place in autonomic nervous system **24:**816:1b
median eye: *see* pineal eye
median lethal dose, *or* LD50, *or* lethal dose 50 (pharm.)
drug action **17:**531:1b
poisons and poisoning **25:**911:2b
median nerve (anat.)
function **24:**812:2b
transparency Plate in PROPAEDIA fol. 146
median vertical-longitudinal axis (biol.): *see* sagittal axis
Mediaş (Rom.) **7:**999:1b
mediastinal emphysema (path.) **7:**999:2b
respiratory hazards of diving **26:**746:1b
for a list of related subjects see PROPAEDIA: Section 423
mediastinal pleura (anat.)
role in circulatory system **16:**390:2a
mediastinitis (path.) **7:**999:3a
for a list of related subjects see PROPAEDIA: Section 423
mediastinum (anat.) **7:**999:3b
circulatory system **16:**390:2a
respiratory system **26:**735:2b, 755:2a
see also mediastinal emphysema; mediastinitis
mediation (dipl.) **7:**999:3b
for lists of related subjects see PROPAEDIA: Sections 533; 544
see also arbitration
mediation (psychol.)
role in conditioned responses **3:**522:1b
Mediation, Act of, *or* Mediation Constitution (Swiss hist.)
Helvetic Republic **5:**821:3b; **28:**367:2b
Reinhard **9:**1010:2a
Solothurn canton **10:**952:2b
"Mediator Dei" (encyclical by Pope Pius XII)
discussed in biography **9:**488:3a
role in Liturgical Movement **7:**406:3b
Medicago lupulina (bot.): *see* black medic
Medicago sativa (plant): *see* alfalfa
medical association **7:**1000:1b
for a list of related subjects see PROPAEDIA: Section 424
see also American Medical Association
medical benefit

social welfare programs **10:**925:3a
workers' compensation insurance **21:**682:2a
medical care: *see* health care
Medical Care Act (1968, Can.)
health care in Canada **15:**470:1a
medical care foundation, *or* MCF, *or* Individual Practice Association
health maintenance organization **5:**780:2a
medical checkup: *see* physical examination
medical chemistry
comparison with alchemy **25:**80:1b, 81:1a
medical corps (mil.)
place in military hierarchy **23:**909:2b
Medical Council of Canada
role in medical education **23:**913:2a
medical education: *see* professional education
medical engineering
bioengineering applications **18:**423:2a
medical ethics
applied ethics **4:**579:1a; **18:**518:2a
death concept **16:**982:2b *passim to* 993:2b
medical practice **23:**889:1b
professional standards **23:**911:2a, 933:2b
tissue and organ transplants **28:**749:2a
see also Hippocratic oath
medical examination: *see* physical examination
medical geography
subdivision of physical geography **19:**883:2a
medical history (diagnosis): *see* medical record
medical imaging (med. technique): *see* diagnostic imaging
"Medical Inquiries and Observations upon the Diseases of the Mind" (work by Rush)
discussed in biography **10:**246:2a
medical insurance
health insurance **5:**780:1b
see also major medical insurance; regular medical insurance
medical intelligence
description **29:**688:2b
Medical International Cooperation Organization, *or* Medical International Corporation, *or* Medico (med. agency)
contribution by CARE **2:**864:3b
role of Dooley **4:**181:1a
medical jurisprudence, *or* legal medicine **7:**1000:2a
ethics **23:**934:1b
for a list of related subjects see PROPAEDIA: Section 424
see also forensic medicine
Medical Literature Analysis and Retrieval System: *see* Medlars
medical practice
major ref. in Medicine **23:**884:1b
professional education: *see* professional education
see also diagnosis; health insurance; medicine; National Health Service; prescription; public health; therapeutics; affiliated practices (*e.g.* dentistry; nursing); medical services (*e.g.* flying doctor service; hospital); kinds of medical practice (*e.g.* family practice; medical specialization); professional aspects (*e.g.* doctor; medical ethics); and services for specific needs (*e.g.* hospice; organ bank)
medical record
diagnosis **17:**245:2a, 255:2a
medical research
medical and surgical practice **23:**910:1b
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use of
dogs **17:**448:1b
fish **19:**192:2a
see also clinical research
medical service: *see* health care
medical social worker, *or* almoner, *or* hospital almoner
duties **1:**289:3b
medical specialization
major ref. in Medicine **23:**903:2a *passim to* 907:1a
disease treatment **17:**360:2a
hospitals **23:**916:1b
20th-century development **23:**899:1a
medical technology
major ref. in History of Technology **28:**474:1b
controversy concerning death **16:**983:2b *passim to* 993:2b
see also individual technologies, *e.g.,* ultrasonics; X ray
medicament: *see* pharmaceutical
Medicare (U.S. health insurance) **7:**1000:3a
financing of hospitals **23:**915:2a
role of Johnson **29:**262:2b
for a list of related subjects see PROPAEDIA: Sections 424
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
association with
Michelozzo **8:**97:3a
Sforza **10:**680:2a
contribution to
Italian humanism **20:**669:2a
library development **22:**970:1a
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role in
Italian history **22:**212:1b, 213:2a, 220:1a
Medici dynasty **7:**1002:1a
Renaissance politics **18:**647:2b
Médici, Emílio Garrastazú (pres. of Braz.)
role in Brazilian history **15:**207:1b
Medici, Gian Gastone de' (duke of Tuscany): *see* Gian Gastone
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
murder of Alessandro de' Medici **1:**238:2b
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
Pulci **9:**792:3b
Savonarola **10:**484:2a
contribution to
carnival song **2:**882:1a
Italian humanism **20:**669:2b
Italian literature **18:**650:2b; **22:**155:1b
library development **22:**970:1b
Platonism **25:**578:1a
influence on Isaac **6:**396:2a
interment in Medici Chapel **7:**1005:2a
role in Renaissance politics **22:**212:2a, 214:1a
Medici, Lorenzo di Pierfrancesca de' (It. leader)
patronage of Botticelli **2:**413:3b
Medici, Lorenzo di Piero de', duca di Urbino (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
role in
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.)
contribution by Andrea del Sarto **1:**389:2b
Medici, Villa (villa, Rome, It.) **7:**1005:1b
Rome **26:**942:2a
Velázquez **29:**467:1a
Medici Chapel, *or* Cappella Medicea (chapel, Florence, It.) **7:**1005:2a
creation by Michelangelo **24:**57:1b
place in
Renaissance architecture **13:**944:2a, *illus.* 945
Renaissance sculpture **27:**97:1b
Medici family, *or* Médicis family **7:**1000:3b
association with
Andrea del Sarto **1:**389:2b
Angelico **1:**402:1b
Brunelleschi **2:**577:3a
Callot **2:**751:1b
Lippi **7:**387:2b, 388:1a
Machiavelli **7:**628:3b
Michelangelo **24:**55:2a, 57:1b
Nardi **8:**515:1b
Sixtus IV **10:**855:3a
Verrocchio **12:**329:3a
Vespucci **12:**336:2b
Weyden **12:**612:2b
contribution to
Italian humanism **20:**669:2a
pottery production **17:**114:1b
role in
Florence **19:**304:2b
Italy **22:**204:2a, 212:1b, 216:1b
Tuscany **22:**253:1b
see also family members by first name, *e.g.,* Catherine de Médicis; Ferdinand I, 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:**303:2b
Renaissance architecture **13:**939:2b, *illus.*
work of
Brunelleschi **2:**578:1b
Michelozzo **8:**97:3b
medicinal plant (bot.)
angiosperms **13:**596:1b
Begoniales **13:**649:2a
Campanulales **13:**717:2b
Capparales **13:**651:2a
Cornales **13:**697:1a
Geraniales **13:**694:1a
Hamamelis **13:**628:2a
Iridales **13:**733:1a
Liliales **13:**730:1b
Magnoliales **13:**612:1a
Orchidales **13:**739:2b
Papaverales **13:**622:2b
Piperales **13:**617:2a
Rosales **13:**673:2a
Rutales **13:**687:2b
Saxifragales **13:**666:2b
Scrophulariales **13:**712:1b
tobacco **11:**812:2a
see also garlic; ginseng; herb; herbal
medicinal poisoning, *or* drug poisoning **7:**1005:3a
for a list of related subjects see PROPAEDIA: Section 423
medicine (pharm.): *see* drug
medicine (sci.) **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:**807:1a
history
application of alkaloids **15:**856:1b *passim to* 858:1a
basis of bioengineering **18:**423:1a
classification of speech disorders **28:**100:1b
contribution by
ancient Greeks **27:**35:1b
Avicenna **1:**740:1a
Bernard **2:**146:2b
Ehrlich **4:**394:3b
Fallopius **4:**668:3b
Galen **5:**82:2a
Harvey **20:**476:1a
Hippocrates **5:**939:1b
Islamic scholars **18:**17:1a
Jenner **6:**530:1a
Koch **6:**926:2a
Lister **7:**394:2a
Malpighi **7:**742:3a
Mayo family **7:**975:2b
Paracelsus **9:**134:2b
Rush **10:**246:1a
Semmelweis **10:**627:3a
Vesalius **12:**333:3a
Virchow **12:**385:3a
development of
drugs **17:**529:1a
encyclopaedias of medicine **18:**271:1a
relation to
alchemy **25:**77:2b *passim to* 81:1a
biology **14:**922:2b
physiology **14:**936:1b
Taoism **28:**405:1b
practice by
shaman in Asian cultures **26:**979:1a
South American nomad cultures **13:**374:2b
South American tropical forest cultures **13:**370:2b
Sung dynasty China **16:**106:1b
use of
automated systems **14:**537:1a
chemical industry **21:**258:1a
enzymes **4:**512:3a
fibre optics **4:**759:1b
oil **19:**573:1a
radioisotopes **9:**891:2a
spices and herbs **11:**93:2a
see also disease; folk medicine; medical association; 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:**966:1b
Medicine Bow Mountains (mts., U.S.) **7:**1006:1b
location *maps* **29:**157, 183
Medicine Bow Peak (mt., U.S.)
location **7:**1006:1b
medicine bundle
use by Plains Indians **13:**342:2a
medicine drum (magic)
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
location *map* **15:**460
Medicine Lodge (Kan., U.S.) **7:**1006:2a
Medicine Lodge, Treaty of (U.S. hist.)
Red River Indian War **9:**984:3b
medicine man (anthro.) **7:**1006:2a
magic **25:**90:2b
Plateau Indian beliefs **13:**331:2a
Wiradjuri individual totemism **26:**541:1b
see also shaman; witch doctor
medicine society **7:**1006:2b
see also Grand Medicine Society
"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 Cool Period (geol.)
Sub-Atlantic Stage developments **19:**874:1b
Medieval Hebrew language
development of Hebrew language **5:**791:2a
medieval law
acquittal **1:**68:1a
agency law **15:**360:1b
bankruptcy **15:**370:2b
civil law development **22:**924:2a
commercial law **15:**365:1b
community property **3:**498:2b
constitutional law **16:**695:2a
coroner's jury **3:**645:1b
court **3:**684:3b
habeas corpus **5:**601:2a
inheritance **21:**577:1b
interdict **6:**341:1b
international law **21:**725:1b
legal profession **22:**860:1a
maritime law **7:**201:2b; **28:**871:2a
procedural law **26:**150:1a
revolution **10:**9:3b
taxation **28:**410:1a
war **12:**490:2b
see also applications of medieval law (*e.g.* compurgation; feudal land tenure; law merchant; res extra commercium); medieval legal officials (*e.g.* legal glossater; prévôt); particular systems by name (*e.g.* Brehon laws; Germanic law; Welsh law); specific courts by name (*e.g.* Chambre des Comptes; Clarendon, Assize of; curia regis); types of compensation (*e.g.* bot; wite)
medieval period (Eur. hist.): *see* Middle Ages
"Medieval Rhodesia" (work by Randall-MacIver)
discussed in biography **9:**933:1a
medieval war horse (horse): *see* destrier
Medill, Joseph (Am. publ.) **7:**1006:3a
ownership of "Chicago Tribune" **3:**197:1b
Medina, *or* Yathrib, *or* Madinat Rasul Allah, *or* al-Madina, *or* al-Madinah, *or* al-Madinah al-Munawwarah (Saud.Arab.) **23:**799:1b; **7:**1007:1a
Arabian desert oases **1:**507:3b
arts
early Islamic music **22:**67:2a
Umayyad love poetry **22:**51:1a
Umayyad mosque **22:**77:2b
history **22:**106:1b
'Abd al-Malik ibn Marwan **1:**14:3b
Burton **2:**668:1b
hijrah of Muhammad **8:**397:1a; **13:**818:1b; **22:**2:2b
Ikhwan control **6:**255:2b
Iran **21:**888:1b
location *map* **13:**812
Saudi Arabia **13:**832:1a *passim to* 837:1b
Medina (dist., I.of Wight, U.K.) **7:**1006:3b
Medina, Bartolomé de (Sp. theol.) **7:**1007:2b
Medina, Constitution of **7:**1007:2b
early Islamic history **22:**3:1a
Medina, River (riv., I.of Wight, U.K.) **7:**1007:3a
Medina Angarita, Isaias (Venez. pol.)
history of Venezuela **29:**478:2a
Medina Arkosh (Sp.): *see* Arcos de la Frontera
Medina del Campo, Treaty of (Sp. hist.) **7:**1007:3a
Medina-Sidonia, Alonso Pérez de Guzmán, duque de (Sp. adm.) **7:**1007:3a
command of Spanish Armada **1:**562:3a; **29:**52:2a
founding of Chiclana de la frontera **3:**200:2a
role in Spanish history **28:**43:1b
medina worm (invertebrate): *see* guinea worm
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.)
history of Milan **24:**96:2b
meditation (mysticism) **7:**1008:1a
Buddhism: *see* Buddhist meditation
Christian mysticism **16:**333:2b
Hindu monasticism **26:**985:2b *passim to* 987:2b
Jewish mysticism **22:**463:1a
religious symbolism **26:**593:1b *passim to* 596:1a
theosophy **11:**696:2b
Yoga **21:**188:1b
for a list of related subjects see PROPAEDIA: Section 812
see also contemplation
"Meditation," *or* "Betrachtung" (work by Kafka)
discussed in biography **6:**678:2b
"Meditation (Ave Maria)" (opera by Gounod)
discussed in biography **5:**391:1b
"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)
contribution to
Latin literature **22:**850:2a
Stoicism **25:**598:1b
discussed in biography **7:**829:1b
history of Roman statecraft **20:**321:2a
"Méditations cartésiennes" (work by Husserl): *see* "Cartesian Meditations"
"Meditations on First Philosophy," *or* "Meditationes de prima philosophia" (work by Descartes)
major ref. in Descartes and Cartesianism **15:**569:2b
analytical methodology **24:**17:1b
attack on Skepticism **18:**479:2b
Cartesianism **25:**750:1a
mind-body relationship **24:**9:2a
philosophical anthropology **25:**553:2a
"Méditations poétiques" (work by Lamartine)
discussed in biography **7:**115:2b
place in French literature **19:**552:1b
Mediterranean Agreements (Aus. hist.)
effect on Austrian modern history **14:**512:2a
"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)
discussed in biography **2:**483:2b
Mediterranean anemia (path.): *see* thalassemia
Mediterranean climate, *or* Mediterranean zone, *or* Cs climate (climatology)
characteristics **4:**603:1a; **16:**502:2a
Africa **13:**51:1a
Europe **18:**534:2a
France **4:**919:1a; **19:**435:2b
Lebanon **22:**906:2b
Soviet Union **12:**134:1b
Mediterranean draw (archery) **7:**1008:1b
Mediterranean fever (path.): *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
Hawaiian biosphere **14:**994:2a
Mediterranean hackberry (tree): *see* lotus tree
Mediterranean-Himalayan System (mts., Eurasia): *see* Tethyan System
Mediterranean local race (people) **7:**1008:1b
for a list of related subjects see PROPAEDIA: Section 412
Mediterranean low (meteorol.)
Europe **18:**533:2a
Mediterranean macchia, *or* Mediterranean macchie, *or* Mediterranean maquis (bot.): *see* maquis
Mediterranean monk seal, *or* Monachus monachus (mammal)
description **8:**259:1b
Mediterranean pearlfish, *or* Carapus acus (fish)
reproduction **19:**247:2a
Mediterranean Pyrenees (mt. range, Eur.): *see* Eastern Pyrenees
Mediterranean Sea **23:**939:1b; **7:**1008:2a
affected by levanter **7:**304:3b
animal life **18:**538:1b
characteristics of water masses **12:**516:3b
connected with
Adriatic Sea **1:**109:3b
Aegean Sea **1:**115:3b
development of
mapmaking **23:**518:2b
maritime law **28:**871:2a
sailing ship **28:**760:1b
formation **16:**722:2b; **25:**179:1b
location *map* **19:**433
paleoceanography
Cenozoic Era **19:**848:2a
Miocene Epoch **25:**180:2a
Tertiary Period **19:**852:1b
property of density currents **25:**157:1b
relation to North Atlantic Deep Water **25:**153:2a
role in Greek history **20:**220:1b, *maps* 218 *passim to* 273
surface area, volume, and average depth *table* **25:**137
Mediterranean soil
occurrence in Africa **13:**49:1a
Mediterranean vegetation (bot.) **7:**1008:3a
Africa **13:**54:2a
Europe **18:**535:2a; **19:**436:1b
sclerophyll **10:**557:2b
scrublands **10:**574:1b; **14:**1042:1b
for a list of related subjects see PROPAEDIA: Section 354
see also specific types of vegetation by name, *e.g.,* Cape flora; chaparral; garigue; maquis; 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"
medium (art)
music **24:**498:1a
painting **25:**325:2b, 328:2b, 329:2b
medium (occultism) **7:**1008:3b
ectoplasm **4:**360:2b
séance **10:**586:1a
shamanism **26:**977:2a
spiritualist groups **11:**104:2b
"Medium, The" (opera by Menotti)
discussed in biography **8:**19:3a
popularity of American opera **24:**639:1a
Medium A, *or* Whippet (tank)
use in World War I **29:**584:1a
medium-bypass turbofan (engine)
description **18:**366:1a
medium machine gun (weapon)
characteristics **7:**631:1a
medium of exchange (econ.)
function of money **8:**252:3a; **24:**333:2a
medium-prf pulse Doppler radar: *see* pulse Doppler radar with medium pulse-repetition frequency
medium-range ballistic missile, *or* MRBM (mil.)
classification of ballistic missile **8:**187:2a
medium-range weather forecasting (meteorol.)
importance of weather satellites **16:**515:1b
medium-security prison (penology)
classification of prisons **16:**811:2a
medium-size camera, *or* roll-film camera (phot.)
description and use **25:**783:1a, *illus.*
medium-term warning system, *or* strategic warning system (mil. sci.)
military warning system **29:**618:2b
"Medizinische Reform, Die" (period. by Virchow)
discussed in biography **12:**385:3b
Medjerda, Oued (riv., Tun.): *see* Majardah, Wadi
medlar, *or* Mespilus germanica (tree) **7:**1008:3b
for a list of related subjects see PROPAEDIA: Section 313
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Menthe, Ferdinand Joseph La (Am. mus.): *see* Morton, Jelly Roll
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see also arrector pili; electromyography; muscle contraction; muscle diseases (*e.g.* muscular dystrophy); types of muscles by function (*e.g.* adductor muscle); types of muscles by composition (*e.g.* striated muscle); types of muscles by number of heads (*e.g.* biceps muscle); muscles of the urogenital system (*e.g.* bulbocavernosus muscle); muscles of the trunk, upper body, and abdomen (*e.g.* diaphragm); muscles of the back (*e.g.* spinalis muscle); muscles of the limbs (*e.g.* sartorius muscle); muscles of the eye (*e.g.* ciliaris muscle); muscles of the jaw, neck, and mouth (*e.g.* masseter); muscles particular to specific animals (*e.g.* hydrostatic skeleton)
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muscle cell (biol.): *see* muscle fibre
muscle contraction (physiol.)
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Musée Goya-Jaurès (museum, Castres, Fr.)
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Museo Nacional de Antropología (museum, Mexico City, Mex.): *see* National Museum of Anthropology
Museo Nacional de Bellas Arts (museum, Buenos Aires, Arg.)
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"Music for Strings, Percussion and Celesta" (work by Bartók)
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"Musik und die Inszenierung, Die" (work by Appia)
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for a list of related subjects see PROPAEDIA: Section 10/22
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for a list of related subjects see PROPAEDIA: Section 10/22
see also branches, *e.g.,* analytic number theory; *and* problems of number theory, *e.g.,* Fermat's last theorem
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for a list of related subjects see PROPAEDIA: Section 10/23
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"Old Testament Trinity, The" (paint. by Rublyov)
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Old Town (dist., Brussels, Belg.)
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Old Town (city dist., Ger.): *see* Altstadt

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"Opticks" (work by Newton)
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Alhazen **1**:267:2b
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Opuntia engelmannii (bot.) *see* Engelmann prickly pear (bot.)
Opuntia ficus-indica, *or* Opuntia megacantha (bot.): *see* Indian fig
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Opus, *or* Opous (anc. city, Gr.) **8**:973:1b
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for a list of related subjects see PROPAEDIA: Section 629
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"Opus Clavicembalisticum" (work by Sorabji)
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"Opus de emendatione tempore" (work by Scaliger)
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"Opus majus" (work by Bacon)
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"Opus musicum" (work by Handl)
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"Opus Oxoniense" (work by Duns Scotus): *see* "Ordinatio"
"Opus Palatinum de triangulis" (work by Rheticus)
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"Origins of the Synagogue and the Church, The" (work by Kohler)
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for a list of related subjects see PROPAEDIA: Section 628
see also drawing; gesso; limner; Chinese aesthetic principles (*e.g.* ch'i yün sheng tung); specific media of painting (*e.g.* encaustic painting; watercolour); techniques (*e.g.* automatism; camaieu); mechanical devices (*e.g.* muller); forms of painting (*e.g.* cave painting; miniature painting); historical styles and movements (*e.g.* Antwerp Mannerists; Proto-Geometric style); aspects of non–Western painting (*e.g.* p'o-mo; wondjina style); *and* specific painters by name (*e.g.* Leonardo da Vinci; Ma Yüan)
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"país de la cola de paja, El" (work by Benedetti)
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"Paisà," *or* "Paisan" (film by Fellini)
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Partito Socialista dei Lavoratori Italiani (pol. party, It.): *see* Socialist Party of Italian Workers
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plains love grass, *or* Eragrostis intermedia (grass)
description **7**:516:2b
Plains Nilot (people): *see* Masai
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duricrust **4:**293:2b
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for a list of related subjects see PROPAEDIA: Section 336
see also under phyla, orders, families, genera, and species of plants, *e.g.,* angiosperm; magnolia
Plant, Henry B. (Am. indus.)
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agriculture **13:**169:2a
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for lists of related subjects see PROPAEDIA: Sections 337; 355
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major ref. in Insects **21:**628:2a, *illus.*
for a list of related subjects see PROPAEDIA: Section 313
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"Plant-Geography upon a Physiological Basis," *or* "Pflanzen-Geographie auf physiologischer Grundlage" (book by Schimper)
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plant hopper, *or* fulgorid, *or* lightning leafhopper, *or* mealy flata, *or* planthopper (insect) **9:**499:2a
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"Plant Production Bulletin" (internat. publ.)
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Planta, Pompeius (Sp. pol.)
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Plantagenet, George, duke of Clarence (Eng. noble): *see* Clarence, George Plantagenet, duke of
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29:33:2b
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Plantagenet, John, duke of Bedford (Eng. states.): *see* Bedford, John Plantagenet, duke of
Plantagenet, Richard, Duke of Gloucester (k. of Eng.): *see* Richard III
Plantagenet, Richard, 3rd duke of York (Eng. noble): *see* York, Richard, 3rd duke of
Plantagenet, Thomas, duke of Clarence (Eng. noble): *see* Clarence, Thomas Plantagenet, duke of
Plantago (plant genus) **9:**499:3b
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Plantago major (bot.): *see* greater plantain
Plantago media (bot.): *see* hoary plantain
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"Plantation Boy" (work by Lins do Rego Cavalcanti)
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plantation walking horse (breed of horse): *see* Tennessee walking horse
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Planté, Francis (Fr. pianist) **9:**502:2a
Planté, Gaston (Fr. phys.) **9:**502:2b
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Plantin, Christophe (Fr. print.) **9:**502:2b
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"Planting the Tree of the Russian Nation" (icon by Ushakov)
nationalism in Eastern Orthodoxy *illus.* **17:**844
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plasma state (phys.): *see* plasma
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Plasmodium (protozoan) **9:**503:3b
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amodiaquine **1:**347:2b
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plaster print
major ref. in Printmaking **26:**121:2b
plasterboard (bldg. material): *see* wallboard
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poppy mallow, *or* Callirhoe involucrata (bot.)
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Popular Assembly for Progress, *or* RPP (pol. party, Djibouti)
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Popular Democracy Party (pol. party, Ec.)
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Popular Democratic Front for the Liberation of Palestine, *or* PDFLP, *or* al-Jabha al-Sha'biyah al-Dimuqratiyah li-Tahrir Filastin (Pal. pol. org.) **9:**610:3a
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Popular Front for the Liberation of Oman, *or* PFLO (pol. org., Oman)
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Popular Front for the Liberation of Saguia El Hamra and Río De Oro (pol. and mil. org., N.Af.): *see* Polisario
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Popular Movement for the Liberation of Angola, *or* MPLA, *or* Movimiento Popular de Libertaçâo, *or* Popular Liberation Movement of Angola (pol. org., Ang.)
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Populus alba bolleana (bot.): *see* Bolle's poplar
Populus balsamifera (bot.): *see* balsam poplar
Populus candicans (bot.): *see* balm of Gilead poplar
Populus deltoides (bot.): *see* eastern cottonwood
Populus gileadensis (bot.): *see* balm of Gilead poplar
Populus grandidentata (bot.): *see* big-tooth aspen
Populus nigra (bot.): *see* black poplar
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for lists of related subjects see PROPAEDIA: Sections 732; 735
see also mail; specific kinds of postal systems, *e.g.,* Thurn and Taxis postal system
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Prome (Myanmar): *see* Pye
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"Prometeo" (Sp. lit. mag.)
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for a list of related subjects see PROPAEDIA: Section 321
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"Prometheus Bound," *or* "Prometheus desmotes" (play by Aeschylus)
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"Prometheus der Dulder" (work by Spitteler)
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"Prometheus Misbound," *or* "Le Prométhée mal enchaîné" (work by Gide)
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"Promise of May, The" (work by Tennyson)
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for a list of related subjects see PROPAEDIA: Section 533
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Khuang Aphaiwong **6:**845:2b
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Promotion of Bantu Self-Government Act (1959, S.Af.)
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Promotion of Culture Among the Jews of Russia, Society for the (Russ. org.)
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Günzburg, Horace **5:**573:3a
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higher vertebrates **26:**696:2b
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"Proper Sphere of Government, The" (work by Spencer)
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Prophet, Companions of the (Islamic hist.): *see* Companions of the Prophet

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"Prophet, The" (work by Asch)
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Prophet Dance (N.Am. rel.) **9:**732:2b
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"Prophet Jonah Before the Walls of Nineveh, The" (drawing by Rembrandt)
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Prophets, The (Old Testament): *see* Nevi'im

"Prophets, The Lives of the" (Judaism) **9:**732:2b
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β-propiolactone (chem. compound)
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"Proposal For the better Supplying of Churches, A" (work by Berkeley)
discussed in biography **2:**133:3b

"Proposal for unifying the Orthography, A," *or* "Hangul mach'umppop t'ongiran" (Kor. lit.)
study of Korean language **22:**748:2a

"Proposals Relating to the Education of Youth in Pennsylvania" (work by Franklin)
discussed in biography **19:**532:2a

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Empiricists **25:**608:1b
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propositional stage (psychol.): *see* formal operational stage

"Proposta di alcune correzioni ed aggiunte al vocabolario della Crusca" (work by Monti)
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Propp, Vladimir (Russ. folklorist)
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for a list of related subjects see PROPAEDIA: Section 826
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for a list of related subjects see PROPAEDIA: Section 337
pseudoculus (anat.)
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pseudocyesis (path.): *see* false pregnancy
"Pseudodoxia Epidemica, or, Enquiries into Very many received Tenets, and commonly presumed truths," *or* "Browne's Vulgar Errors" (work by Browne)
discussed in biography **2:**562:3b
pseudofeces (biol.)
bivalve digestion **24:**325:1a
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pseudogynecomastia (path.)
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pseudohallucination (psychol.)
causes of illusions **25:**499:1b
pseudohemophilia B (path.): *see* von Willebrand's disease
pseudohermaphroditism (path.) **9:**757:2b
major ref. in Endocrine Systems **18:**326:1b
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Pseudolamellibranchia, *or* pseudolamellibranch (bivalve)
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Pseudolarix amabilis (tree): *see* golden larch
pseudolaryngeal speech, *or* esophageal speech, *or* esophageal voice, *or* mechanical speech, *or* oesophageal voice (physiol.) **9:**757:3a
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pseudomonad, *or* Pseudomonadaceae (bacterium) **9:**757:3a
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Pseudomonadales (order of bacteria)
annotated classification **14:**558:2b
Pseudomonas (bacteria)
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Pseudomonas pseudomallei (bacterium)
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Pseudomonas solanacearum (bacterium)
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Pseudomyrmex ferruginea (insect): *see* acacia ant
pseudopelletierine (chem. compound)
alkaloid synthesis **15:**866:2a
Pseudophyllidea (flatworm order)
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Pseudophyllinae (insect): *see* true katydid
Pseudopleuronectes americanus (fish): *see* winter flounder
pseudopod, *or* pseudopodia (biol.): *see* pseudopodium
pseudopodial locomotion, *or* amoeboid locomotion
major refs. in Animal Behaviour **14:**649:2a, *illus.;* Muscles and Muscle Systems **24:**462:1b
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Pseudotsuga macrocarpa (tree): *see* bigcone Douglas fir
Pseudotsuga menziesii, *or* Pseudotsuga douglasii (tree)
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Pseudowintera colorata (tree)
characteristics **12:**708:1b
pseudoxanthoma elasticum, *or* Grönblad–Strandberg syndrome (path.) **9:**758:2b
major ref. in Supportive and Connective Tissues **28:**315:2a
for a list of related subjects see PROPAEDIA: Section 423
PSFS (bldg., Philadelphia, Pa., U.S.): *see* Philadelphia Savings Fund Society Building
Pshavela, Vazha (Georgian writ.)
Georgian literature **5:**203:2a
Pshishkhah, Jacob Isaac ben Asher (Jewish Hasidic leader): *see* Przysucha, Jacob Isaac ben Asher
Pshishkhah Hasidism (Jewish rel. movement)
established by Przysucha **9:**755:1b

PSI (pol. party, Indon.): *see* Partai Sosialis Indonesia
PSI (pol. party, It.): *see* Italian Socialist Party
psi-particle (subatomic particle): *see* J/psi particle
PSI phenomenon: *see* parapsychological phenomenon
Psichari, Ernest (Fr. au.) **9:**758:2b
Psicharis, Ioannes, *or* Iannis Psicharis (Gr. writ.)
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Psidium cattleianum, *or* Psidium lucidum (plant): *see* cattley
Psidium friedrichsthalianum (tree): *see* cás
Psidium guajava (plant): *see* common guava
Psidium molle (plant): *see* guisaro
Psilaster (genus)
genus of starfish **11:**220:1a
Psilidae (insect): *see* rust fly
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for a list of related subjects see PROPAEDIA: Section 214
Psilopa petrolei (insect): *see* petroleum fly
Psilophytopsida, *or* Psilophyta, *or* psilophyte, *or* Psilophytales (fossil plant)
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Psiloritis (mt., Crete): *see* Idi
Psilotaceae, *or* whisk fern family (plant fam.)
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Psilotophyta, *or* psilotophyte, *or* whisk fern (plant div.) **9:**758:3b
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for a list of related subjects see PROPAEDIA: Section 313
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Psilotum (plant genus): *see* whisk fern
Psilotum nudum (plant)
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Psithyrus (genus of bumblebee)
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Psittacidae (bird fam.): *see* parrot
psittaciform, *or* Psittaciformes (bird) **9:**759:1a
major ref. in Birds **15:**68:2b
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for a list of related subjects see PROPAEDIA: Section 313
see also parrot
Psittacosauridae (dinosaur fam.)
classification and characteristics **17:**326:2b, 330:1a
Psittacosaurus (dinosaur genus) **9:**759:2b
classification and characteristics **17:**326:2b, 330:1a
for a list of related subjects see PROPAEDIA: Section 313
psittacosis, *or* ornithosis, *or* parrot fever (path.) **9:**759:3a
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for a list of related subjects see PROPAEDIA: Section 423
Psittacus erithacus (bird): *see* gray parrot
Psittrichas fulgidus (bird): *see* bristlehead
PSIUP (pol. party, It.): *see* Socialist Party of Proletarian Unity
Pskov (obl., U.S.S.R.) **9:**759:3b
Pskov, *or* Pleskov (U.S.S.R.) **9:**759:3b
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Pskov school (art) **9:**760:1b
for a list of related subjects see PROPAEDIA: Section 628
PSL (pol. org., Pol.): *see* Polish Peasant Party
PSLI (pol. party, It.): *see* Socialist Party of Italian Workers
psocid, *or* Psocoptera, *or* Corrodentia, *or* Dermaptera (insect) **9:**760:2b
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for a list of related subjects see PROPAEDIA: Section 313
PSOE (Sp. pol. party): *see* Spanish Socialist Worker's Party
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Psophiidae (zool.): *see* trumpeter
Psophodes (bird): *see* whipbird
psoriasis (path.) **9:**760:3a
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see also psoriatic arthritis; radiation therapy
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PSP (pol. party, Cuba): *see* Cuban Communist Party
PSP test (med.): *see* phenolsulfon-phthalein test
PSR 1913+16 (binary star)
gravitational emission **26:**505:2b
PSU (It. pol. party): *see* Unified Socialist Party; Unitary Socialist Party
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psyche (mirror): *see* cheval glass
"Psyché" (play by Corneille, Molière, and Quinault)
discussed in biography **3:**637:2b
"Psyche Abandoned" (work by Pajou)
discussed in biography **9:**69:1a, *illus.*
"Psyche with Pandora's Box" (sculp. by Vries)
discussed in biography **12:**437:2a
"Psyche with Three Cupids" (work by de Vries)
Mannerist sculpture **27:**98:1b, *illus.*
psychedelic drug, *or* psychomimetic drug, *or* psychotomimetic drug **9:**761:1b
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psychiatry **9:**761:2a
alcoholism treatment **13:**214:2b
Existentialism **25:**613:2b, 630:1b
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hallucinogen research **25:**499:2a
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for a list of related subjects see PROPAEDIA: Section 424
see also ethnopsychiatry; mental disorder; *and* psychiatrists by name
psychic energizer (drug): *see* anti-depressant
psychic phenomenon: *see* parapsychological phenomenon
" 'Psychical Distance' as a Factor in Art and an Aesthetic Principle" (essay by Bullough)
contribution to aesthetics **13:**11:2b
psychical research: *see* parapsychological phenomenon
Psychical Research, Society for (Br. sci. org.)
research in parapsychological phenomenon **9:**147:1a
Psychidae (insect): *see* bagworm moth
psychoacoustics
Fletcher **4:**830:2b
"Psychoanalyse der Gesamtpersönlichkeit" (work by Alexander): *see* "Psychoanalysis of the Total Personality, The"
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for a list of related subjects see PROPAEDIA: Section 436
see also analytic psychology
"Psychoanalysis of Children, The" (work by Klein)
discussed in biography **6:**906:2a
"Psychoanalysis of the Total Personality, The," *or* "Psychoanalyse der Gesamtpersönlichkeit" (work by Alexander)
discussed in biography **1:**248:2b
psychobiology, *or* biopsychology (school of psychiatry) **9:**762:1a
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"Psychodiagnostics," *or* "Psychodiagnostik" (work by Rorschach)
discussed in biography **10:**178:1b
Psychodidae (insect): *see* moth fly
psychodrama **9:**762:1b
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for a list of related subjects see PROPAEDIA: Section 436
see also role playing
psychogalvanic reflex, *or* PGR, *or* galvanic skin response, *or* GSR, *or* electrodermal reflex, *or* EDR **9:**762:2a
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psychogenetics: *see* behaviour genetics
psychogenic amnesia
major ref. in Memory **23:**954:1a
see also fugue state
psychogenic pain disorder (psychol.)
somatoform disorder **23:**964:2b
psychogenic shock
role in cardiovascular disease **16:**415:2b
psychokinesis, *or* telekinesis, *or* PK (psychol.) **9:**762:2b
psycholinguistics **9:**762:3a
major ref. in Linguistics **23:**68:1a
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for a list of related subjects see PROPAEDIA: Section 514
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for a list of related subjects see PROPAEDIA: Section 431
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Epicureanism **25:**575:2b
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Dostoyevsky **23:**175:1b
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psychological operationism (psychol.): *see* operationism
"Psychological Study of Religion, A" (work by Leuba)
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psychological testing, *or* psychometrics, *or* psychological measurement **9:**763:2b
contribution by
Binet **2:**217:2a
Terman **11:**645:1b
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learning and cognition **22:**892:2a
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for a list of related subjects see PROPAEDIA: Section 434
see also response set; self-report

questionnaire; sociogram; types by format (*e.g.* forced-choice question; graphology); particular operations (*e.g.* psychological scaling method; psychophysical scaling method); properties (*e.g.* construct validity; face validity); *and* by measurement (*e.g.* aptitude test; personality assessment)
"Psychological Types," *or* "Psychologische Typen" (work by Jung)
discussed in biography **6**:653:3a
psychological warfare, *or* psywar **9**:764:1a
propaganda techniques and use **26**:171:2b
Psychological Wednesday Circle (psychol. org.): *see* Vienna Psychoanalytical Society
"Psychologie der Weltanschauungen" (work by Jaspers)
discussed in biography **6**:509:1a
"Psychologie des Foules, La" (work by LeBon): *see* "Crowd, The"
"Psychologie vom empirischen Standpunkte" (work by Brentano)
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"Psychologische Typen" (work by Jung): *see* "Psychological Types"
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European cultural changes **18**:724:1a
passage rite **9**:184:2b
sexuality **27**:243:2a
social change **27**:416:1b
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warfare **29**:629:2b
see also psychological development; psychological testing; branches of psychology, *e.g.,* applied psychology; clinical psychology; comparative psychology; developmental psychology; educational psychology; experimental psychology; industrial psychology; physiological psychology; psychiatry; social psychology; objects of psychological inquiry, *e.g.,* attention; collective behaviour; dream; emotion; human behaviour; memory; mental disorder; mind; motivation; personality; thought; psychological theories, *e.g.,* behaviourism; functionalism; Gestalt psychology; and psychologists by name, *e.g.,* Freud, Sigmund
psychology, abnormal: *see* psychopathology
"Psychology from the Standpoint of a Behaviorist" (work by Watson)
discussed in biography **12**:527:1b
"Psychology of Imagination, The," *or* "L'Imaginaire: Psychologie phénoménologique de l'imagination" (work by Sartre)
contribution to aesthetics **13**:13:2b
"Psychology of Learning, The" (work by Guthrie)
discussed in biography **5**:582:2b
"Psychology of Men of Genius," *or* "Geniale Menschen" (work by Kretschmer)
discussed in biography **7**:5:1a
"Psychology of Religion" (work by Starbuck)
psychological approach to religion **25**:684:1a
"Psychology of the Unconscious," *or* "Wandlungen und Symbole der Libido" (work by Jung)
discussed in biography **6**:653:2b
"Psychology of Wants, Interests, and Attitudes, The" (work by Thorndike)
discussed in biography **11**:728:2b
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major ref. in Human Learning and Cognition **22**:891:2a
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teaching methods and theory **28**:446:1a
for a list of related subjects see PROPAEDIA: Section 435
psychomotor seizure (path.) **9**:765:2a
for a list of related subjects see PROPAEDIA: Section 423
psychomotor skill: *see* sensorimotor skill
psychoneurosis, *or* neurosis (psychol.) **9**:765:2b
major ref. in Mental Disorders **23**:957:2b
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for a list of related subjects see PROPAEDIA: Section 436
psychopathic personality disorder (psychol.): *see* antisocial personality disorder
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"Psychopathology and Politics" (work by Lasswell)
psychological theories of political science **27**:403:1b
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for a list of related subjects see PROPAEDIA: Section 436
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Psychopsidae (insect)
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psychosexual disorder (psychol.)
major ref. in Mental Disorders **23**:966:1a
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"Récits d'un ménestrel de Reims" (13th-cent. romance)
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"Recollections of the Table-Talk of Samuel Rogers" (work by Dyce)
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"Records of Reading" (Hsüeh Hsüan)
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"Recovery of the Holy Cross" (work by Bellini)
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"Récréations mathématique et physiques" (work by Ozanam)
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red admiral, *or* Vanessa atalanta (butterfly)
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red alder, *or* Alnus rubra, *or* Alnus oregona (bot.)
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"Red and the Black, The," *or* "Le Rouge et le noir" (novel by Stendhal)
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"Red and White Peonies" (stained glass by La Farge)
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red-backed shrike, *or* Lanius collurio (bird)
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red-banded leafhopper, *or* Graphocephala (insect)
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"Religion des Geistes, Die" (work by Formstecher)
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"Religion, ihr Wesen und ihre Geschichte, Die" (work by Pfleiderer)
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hearing **27:**157:2b
heat sensitivity **27:**125:2a
sight **27:**141:1a, 147:2b
sound production **11:**27:3a
zoo environment **12:**932:3b
Antwerp zoo **1:**471:1b
for a list of related subjects see PROPAEDIA: Section 313
Repton (Derby., U.K.) **9:**1034:3a
South Derbyshire district **11:**41:1a
Repton, Humphry (Br. landscape designer) **9:**1034:3a
contribution to garden and landscape design **19:**666:1a
Repubblica . . . : *see under* name of

country, *e.g.,* Italy, except as below
Repubblica, Piazza della (square, Florence, It.)
major ref. in Florence **19:**302:1b
Repubblica, Piazza della (square, Milan, It.)
feature of Milan **24:**97:2b
Repubblica, Piazza della, *or* Piazza Esedra (square, Rome, It.)
fountain **26:**947:2b
Repubblica Cisalpina (It. hist.): *see* Cisalpine Republic
Repubblica Cispadana (It. hist.): *see* Cispadane Republic
Repubblica Romana (It. hist.): *see* Roman Republic
Repubblica Sociale Italiana (It. hist.): *see* Italian Social Republic
republic (govt.)
Roman form of government **20:**142:2b
theories of Machiavelli **18:**649:2b
republic (Yugos. govt.)
Yugoslavian administration **29:**1093:2a
Republic, Council of, *or* Pre-Parliament (Russ. hist.)
Russian Revolution of 1917 **28:**998:1b
"Republic, The," *or* "Politeia" (dialogue by Plato)
major ref. in Plato and Platonism **25:**894:2b
commentary by Averroës **1:**736:2a *passim to* 738:1a
metaphysics
first principles **24:**4:1a
Ideas **24:**6:2b
parallels to Orphic texts **20:**604:2b
place in Western philosophy **25:**734:1a, 739:1b
ring of Gyges **5:**589:3b
Socratic thought **27:**487:2a
Sophist moral theory **25:**595:1a
theories on
art **25:**707:2b
censorship **15:**620:2a
education **25:**726:2a
eugenics **19:**725:2a
government
politics **9:**564:3b; **25:**992:1a; **27:**402:1a
socialism **27:**442:2a
justice **18:**498:1b; **25:**719:1b
knowledge **18:**469:1a *passim to* 474:2a
literature **23:**204:1a
primary reality **25:**552:1a
Republic, University of the (univ., Montevideo, Urug.)
importance to Uruguay **8:**287:3b; **29:**461:2b
Republic Airlines, Inc., *or* Western Central Airlines, *or* Northern Central Airlines
purchase by NWA Inc. **8:**838:2b
Republic F-105 Thunderchief (Am. aircraft): *see* F-105
Republic of . . . : *see under* name of country, *e.g.,* Bolivia, except as below
Republic of Ireland Act (1948, Ireland)
declaration of independence **21:**969:1a
introduction by Costello **3:**666:1b
Republic of South Africa Constitution Act (1961, S.Af.)
government of South Africa **27:**642:1a
Republic Square (square, Bucharest, Rom.)
attractions of Bucharest **2:**596:2b
Republic Steel Corporation (Am. corp.)
establishment by Eaton **4:**340:1b
República . . . : *see under* name of country, *e.g.,* Mozambique; Portugal, except as below
"república literaria, La" (work by Saavedra Fajardo)
discussed in biography **10:**277:3b
Républicains Indépendants (pol. party, Fr.): *see* Republican Independents
Republican Action, *or* Acción Republicana (pol. party, Sp.)
establishment by Azaña y Diaz **1:**754:1b
"Republican Court, or American Society in the Days of Washington, The" (work by Griswold)
discussed in biography **5:**507:1a
Republican Independents, *or* Républicains Indépendants (pol. party, Fr.)
history of Fifth Republic **19:**526:1a
Republican Palace (palace, Khartoum, Sud.)
facade *illus.* **6:**834
Republican Party (pol. party, Bol.)
history of Bolivia **15:**166:2a
Republican Party, *or* Parti Républicain, *or* PR (pol. party, Fr.) **9:**1035:1a
history of the National Centre of Independents and Peasants **8:**532:2a
Republican Party (pol. party, Ire.): *see* Fianna Fáil
Republican Party (pol. party, P.R.)
political development of Puerto Rico **29:**761:1a
Republican Party (pol. party, Sp.)
history of Spain **28:**54:1b, 55:1a
Republican Party, *or* Jeffersonian Republicans (pol. party, U.S., 1790-1820) **9:**1035:1b
contribution by
Clay **3:**363:3b
Jefferson **22:**351:2a
opposition to
Adams **1:**84:2a
Alien and Sedition Acts **1:**270:2b
Hamilton **5:**660:3a
role in American history **29:**219:1a
views on Whiskey Rebellion **12:**624:1a
Republican Party, *or* Grand Old Party, *or* GOP, *or* People's Party, *or* Anti-Nebraska Democratic Party (pol. party, U.S., 1854–present) **9:**1035:2b
history
Civil War and Reconstruction **29:**227:2b, 237:2a
Liberal Republican Party **7:**329:2b
Radical Republicans **9:**888:2a
secession opposition **10:**591:3b
Union Leagues **12:**133:2b
Wormley Conference **12:**759:3b
Dred Scott decision **4:**218:3a
formation
American Anti-Slavery Society **1:**325:2b
Free-Soil Party **4:**964:3b
Ripon meeting **10:**86:2a
Wilmot Proviso **12:**686:2b
influence in United States politics **12:**154:1b; **25:**984:2a; **29:**196:2a
influence of conservatism **27:**482:1a
political conventions **9:**563:3a
work of
Fessenden **4:**752:3a
Grant **5:**425:3b
Lincoln **23:**44:1b, 47:1a
Roosevelt **10:**173:1b
Republican Peasants' Nation Party (pol. party, Tur.)
history of Turkey **28:**936:1b
Republican People's Party, *or* RPP, *or* People's Party (pol. party, Tur.)
major ref. in Turkey **28:**934:2b *passim to* 938:1a
contribution by
Ataturk **14:**296:2b
Ecevit **4:**348:2b
Inonu **6:**327:1b
opposition of
Cakmak **2:**729:2a
Menderes **8:**8:3b
succession to Associations for the Defense of Rights **3:**957:1b
Republican River (riv., U.S.) **9:**1036:1a
location *maps* **29:**157, 178
Republik (Republika) . . . : *see under* name of country, *e.g.,* Austria; Burundi
Republikanischer Schutzbund (Aus. org.): *see* Schutzbund
République Batave: *see* Batavian Republic
République Cisalpine (It. hist.): *see* Cisalpine Republic
République Cispadane (It. hist.): *see* Cispadane Republic
République de . . . : *see under* name of country, *e.g.,* Djibouti, except as below
"République de Bismarck, ou Origines allemandes de la Troisième République, La" (work by Bainville)
discussed in biography **1:**808:2b
République Centrafricaine: *see* Central African Republic
République Gabonaise: *see* Gabon
République Helvétique: *see* Helvetic Republic
République Islamique de Mauritania: *see* Mauritania
République Romaine (It. hist.): *see* Roman Republic
repudiation (law)
family law **19:**82:1a
"Répudiation, La" (work by Boudjedra)
discussed in biography **2:**418:2b
"Repulse" (Br. ship)
World War II **29:**1002:1b
"Repulsion" (film)
direction by Polanski **9:**554:2b
requeening (beekeeping)
description **19:**152:2a
Requesens y Zúñiga, Luis de, *or* Luis de Requessens y Zúñiga (Sp. gov. of The Neth.) **9:**1036:1b
history of the Low Countries **23:**325:1b
Requests, Court of, *or* Court of Poor Men's Causes (Eng. law) **9:**1036:2a
development **29:**46:2a
function **22:**931:1a
see also prerogative court
requests, master of (Fr. govt.): *see* master of requests
Requêtes, Chambre des (Fr. court): *see* Chambre des Requêtes
requêtes, maitre de (Fr. govt.): *see* master of requests
requiem (mus.): *see* requiem mass
"Requiem" (mass by Mozart)
completion by Süssmayr **11:**418:1b
discussed in biography **24:**448:2b
"Requiem Canticles" (work by Stravinsky)
discussed in biography **11:**312:1a
"Requiem for a Nun" (play by Faulkner)
discussed in biography **4:**700:3b
"Requiem–Grande Messe des morts" (work by Berlioz)
discussed in biography **2:**140:3a
orchestration **24:**543:1a
requiem mass, *or* requiem (mus.) **9:**1036:2b
Romantic period **24:**561:2a
vocal music **24:**611:2a
for a list of related subjects see PROPAEDIA: Section 624
see also Dies irae
"Requirement of the Organism for Oxygen, The" (work by Ehrlich)
discussed in biography **4:**395:1b
"Requiter, Bridge of the" (Zor. rel.): *see* "Chinvat peretu"
RER (biol.): *see* rough endoplasmic reticulum
rer (sociol.)
role in Somali society **11:**3:2b
reredos (altar structure)
use **1:**299:1a
Rerek (Egy. deity): *see* Apepi
Rerikh, Nikolay Konstantinovich (Russ. scenic designer): *see* Roerich, Nicholas
"Rerioa, Te" (paint. by Gauguin): *see* "Dream, The"
"Rerum Germanicarum libri tres" (work by Beatus Rhenanus)
discussed in biography **2:**18:1b
"Rerum gestarum libri" (work by Ammianus Marcellinus)
discussed in biography **1:**345:2b
"Rerum Novarum" (encyclical by Leo XIII) **9:**1036:2b
discussed in biography **7:**276:2b
Italian history **22:**234:2b
Roman Catholicism **26:**893:1a
work of Rampolla **9:**926:1b
"Rerum Scoticarum historia" (work by Buchanan)
discussed in biography **2:**595:3a
res extra commercium (medieval law)
development of property law **26:**187:1a
"Res Gestae Divi Augusti" (work by Augustus): *see* "Achievements of the Divine Augustus"
res ipsa loquitur (law)
application in doctrine of negligence **8:**583:1b
res judicata 9:1036:3a
application in procedural law **26:**157:1b, 168:1b
res naturali jure communes omnium (Roman law)
development of property law **26:**187:1a
res nullius (Roman law)
development of property law **26:**187:1a
res publica (pol.sci.)
description **20:**143:1a
history of Roman Empire **20:**313:2b
res singulorum (Roman law)
development of property law **26:**187:1a
res-verbum controversy (philos.)
viewed by the Italian humanists **20:**670:1b
Resad, Mehmed (Ottoman sultan): *see* Mehmed V
Resaina, Battle of
Shapur I's defeat **10:**700:1a
resale price maintenance (econ.): *see* price maintenance
Reschenpass, *or* Reschenscheideck (It.-Aus. mt. pass): *see* Resia Pass
rescripta, *or* rescript (Byz. and Roman document)
major ref. in The Study of History **20:**594:1b
form of imperial legislation **3:**576:1b
rescue grass, *or* Bromus catharticus (bot.)
description **2:**542:1a
"Rescue of Andromeda" (paint. by Piero di Cosimo)
discussed in biography **9:**434:1a
rescue period (psychol.)
collective behaviour in disasters **16:**558:1b
"Rescued by Rover" (film by Hepworth)
motion picture history **24:**381:2a
research: *see* fieldwork; learned society; market research; medical research; research association; *and* specific fields of research by name, *e.g.,* hermeneutics; physics
research and development, *or* R and D **9:**1036:3a
major ref. in Industrial Engineering and Production Management **21:**224:1b
effect on economic growth **17:**878:2a
first U.S. patent given to Hopkins **25:**533:2b
industries
aerospace **18:**421:2b; **21:**478:1a
chemical **21:**251:2a
paint **21:**321:1b
role of
measurement methods and instruments **23:**733:1a
museums **24:**489:1a
statistics **28:**230:1a
tax incentives **28:**422:2b
technical professionals **29:**934:2a
see also innovation; Scientific Research and Development, Office of
research association (sci. org.)
research oriented to specific field **21:**226:1b
Research Corporation (Am. nonprofit

org.)
established by Cottrell **3:**673:1b
Research Department Explosive (explosive): *see* RDX
Research in Dramatic Art, Society for (Kor. arts assoc.)
contribution to East Asian dance and theatre **17:**764:2a
research laboratory
role in scientific advancement **21:**225:2a
Research Libraries, Center for, *or* Midwest Interlibrary Center (library, Chicago, Ill., U.S.)
cooperative storage among libraries **22:**983:1a
research library, *or* scholarly library
development and specialization of libraries **22:**973:1b
Research Method (mechanical engin.)
determination of octane number **21:**444:1b
Research of Jewish Middle Eastern Communities, Institute for (Isr. archae.): *see* Ben-Zvi Institute
research reactor
major ref. in Energy Conversion **18:**377:2a
"Researches, Chemical and Philosophical" (work by Davy)
discussed in biography **3:**920:3a
"Researches into the Comparative Anatomy of the Liver" (book by Leidy)
discussed in biography **7:**253:2a
"Researches into the Early History of Mankind and the Development of Civilization" (work by Tylor)
discussed in biography **12:**84:3b
Reseau René Clastres (area, Niaux cave, Ariège, Fr.)
discovery of prehistoric art **8:**674:3a
Reseda odorata (bot.): *see* mignonette
Resen, Hans Paulsen (Dan. trans.)
Bible translation **14:**769:1b
Resen, Peder Hansen (Dan. au.)
contribution to Danish literature **27:**13:2b
Resende (Braz.) **9:**1036:3b
Resende, André de (Port. au.)
Portuguese literature **25:**1062:1b
Resende, Garcia de (Port. poet) **9:**1036:3b
cancioneiro **2:**797:1a
reserpine (drug) **9:**1037:1a
chemotherapeutic uses **13:**226:2b
Chinese medicine **23:**888:1a
hypertension **17:**542:1b
schizophrenia treatment **17:**539:1a
effect on
autonomic nervous system **11:**893:1b
sleep process **27:**304:1b
found in Rauwolfia plant **9:**957:1a
for a list of related subjects see PROPAEDIA: Section 321
reservation, Indian: *see* Indian reservation
reserve (econ.)
accounting principles **13:**1:2b
banking **14:**602:1a
central bank **3:**28:1b
fiscal and monetary policy **8:**252:2a
money markets **23:**562:2b
reserve battery
description and use **1:**963:3a
Reserve Clause (baseball): *see* Reserve Rule
reserve forces (mil.): *see* militia
reserve fund (econ.)
use by marketing boards **7:**859:2b
Reserve Fund for Future Generations (govt. program, Kuw.)
provisions **13:**826:2b
Reserve Rule, *or* Reserve Clause (baseball)
role in baseball history **28:**121:2a
reserve tranche (econ.)
effect on Drawing Rights privilege **21:**847:2a
reservist (mil.): *see* militia
reservoir (civil engin.) **9:**1037:1b
effect on
dams **26:**360:2b
deposition of sediments **26:**858:1a
earthquakes **17:**659:2b
water-supply systems **26:**379:1b, 382:1b
hydrosphere **20:**720:2b
physiographic effects of man **20:**26:1a
role in Tigris-Euphrates River System *illus.* **14:**262
for lists of related subjects see PROPAEDIA: Sections 222; 737
reservoir (phys.)
thermodynamic systems **28:**614:2b, *illus.* 615
reservoir engineering (engin. sci.)
petroleum engineering **9:**345:1a; **18:**420:2a
reservoir pool, *or* nutrient pool (ecosystem)
biogeochemical cycle **2:**221:3b
reservoir rock (geol.)
petroleum accumulation **19:**574:2b; **21:**436:1a
sandstone **24:**232:2b
reservoir trap (geol.): *see* petroleum trap
Resettlement Administration (U.S. hist.)
establishment by Roosevelt **26:**955:1b
Resheph, *or* Mekal, *or* Mikal (Semitic deity) **9:**1037:2b
Syro-Palestinian religions **24:**75:2b
worship in eighteenth-dynasty Egypt **18:**116:2a
for a list of related subjects see PROPAEDIA: Section 822
Resheph-Apollo temple (temple, Cyp.)
location **6:**239:3a, *illus.*
Reshevsky, Samuel Herman (Am. chess master) **9:**1037:3a
Reshid Pasha, Mustafa (Ottoman vizier): *see* Resid Pasa, Mustafa
Reshimat Po'ale Yisra'el (Isr. pol. party): *see* Rafi
"Reshit hokhma" (work by Ibn Falaquera)
discussed in biography **6:**220:1b
Resht (Iran): *see* Rasht
Reshteh-ye Kuhha-ye Alborz (mt. range, Iran): *see* Elburz Mountains
Resia Pass, *or* Passo di Resia, *or* Reschenpass, *or* Reschenscheideck (It.-Aus. mt. pass) **9:**1037:3a
hydrology of Adige River **1:**99:1b
Resid Pasa, Mustafa, *or* Mustafa Reshid Pasha (Ottoman vizier) **9:**1037:3b
association with
Abdulmecid I **1:**23:1b
Ali Pasa **1:**268:3b
Cevdet Pasa **3:**45:3a
organization of Tanzimat **11:**550:1a
residence **9:**1038:1a
comparison with domicile **4:**164:2b
kinship influences **19:**72:2b
Minangkabau society **14:**203:2b
Polynesia **25:**259:2a
for a list of related subjects see PROPAEDIA: Section 513
see also avunculocal residence; domicile; matrilocal residence; patrilocal residence
residence time (sci.)
hydrologic cycle **20:**720:2b
residencia **9:**1038:1b
Spanish administration of Latin America **22:**820:2b
"Residencia en la tierra" (work by Neruda)
discussed in biography **8:**607:3b
Residency (bldg., Lucknow, India)
Lucknow **7:**543:1b
residency (med.)
medical education **23:**913:1a
resident embassy
role in diplomacy **17:**333:1a
residential architecture, *or* domestic architecture, *or* dwelling, *or* housing **9:**1038:2a
see BRITANNICA WORLD DATA: Section II Comparative Tables for statistical information
major ref. in The Art of Architecture **13:**874:2b, *illus.* Plate fol. 876
construction
interior planning **17:**15:2b
lighting **23:**33:2b
examples
ancient Egypt **18:**149:2a
ancient Rome **13:**911:2b
Baroque squares **13:**962:2b
Renaissance Italy **13:**939:2a
United States **13:**982:2a
garden and landscape design **19:**659:1a
interior design **6:**342:2a
for a list of related subjects see PROPAEDIA: Section 626
residential mobility: *see* internal migration
residential school (educ.)
use in special education **11:**76:2a
Residenz (bldg., Würzburg, Ger.)
architectural symbolism *illus.* **13:**888
Tiepolo's works **11:**764:2b
Residenz theater (bldg., Munich, Ger.)
design by Cuvilliés **10:**127:3a; **27:**102:2b
feature of Munich **8:**417:3a
residual (math.)
numerical analysis **25:**39:2b
residual-claimant theory of wages
major ref. in Economic Theory **17:**932:1a
wage theory **12:**447:1b
residual design
definition and properties **16:**615:1b
residual flux density (phys.)
ferromagnetism **7:**678:3b; **18:**188:1a
residual induction (electromagnetism): *see* remanence
residual landform, *or* relict landform **9:**1038:2b
landform evolution **16:**711:2b, 714:1b, 723:1b
for a list of related subjects see PROPAEDIA: Section 232
residual volume (physiol.)
respiration **26:**728:2b, 740:2b
see also tidal volume
residue class
major refs. in Algebra **13:**281:2a; Number Theory **25:**17:2b
ideals and quotient-rings **13:**284:2b
residue of an analytic function
definition **13:**463:2b
resilin
effect on insect locomotion **21:**592:2a
resin (chem. compound) **9:**1038:3a
major ref. in Chemical Process Industries **21:**290:2b
applications
furniture **21:**504:2a
ion-exchange materials **15:**1055:2b
photoengraving **26:**108:2a
plywood **19:**424:2b
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varnish **12:**274:2a
sources
conifers **5:**591:2b; **20:**448:2a
Ebenales **13:**656:1b
Rutales **13:**687:2b
Theales **13:**646:2a
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for lists of related subjects see PROPAEDIA: Sections 122; 724
see also ion-exchange resin; natural resin; synthetic resin; plastic; varnish
resin birch (tree): *see* bog birch
Resina (It.): *see* Ercolano
resinite (maceral)
coal components **19:**592:1b, *table* 591
resist printing (textile indus.) **9:**1038:3a
process used on textiles **21:**525:1b
resistance (elec.) **9:**1039:1b
direct current **18:**168:2a
electrical impedance **4:**429:2a
ferrites **4:**748:1a
insulation **6:**335:2a
physical laws
Joule's law **6:**627:1b
Ohm's law **8:**891:2a; **8:**891:3a
reactance **9:**969:3a
resistivity **9:**1039:2b
skin effect **10:**865:2b
superconductivity **11:**399:1a
thermistors **11:**701:3a
thermometry **23:**739:1a
work of Klitzing **6:**910:2a
for a list of related subjects see PROPAEDIA: Section 127
see also impedance; ohm; ohm metre; ohmmeter; reactance; resistivity; Wheatstone bridge
resistance (immunology)
major ref. in Infectious Diseases **21:**529:2a
influence on disease communication **17:**342:2b
role in drug and drug action **17:**553:2b
significance in therapeutics **17:**266:2b
Resistance (Eur. hist.) **9:**1038:3b
major refs. in France **19:**523:1a; World Wars **29:**1009:2a
French literature **19:**561:2b
history of
Czechoslovakia **16:**926:1b
Italy **22:**238:2a
work of
Chaban-Delmas **3:**48:2a
Malraux **7:**744:1b
Resistance, Party of (pol. party, Fr.)
association with Thiers **11:**708:3a
resistance furnace
type of electric furnace **4:**426:3b, *illus.*
resistance pyrometer (instru.)
design **9:**826:2a
resistance strain gauge (instru.)
description **11:**299:3a; **18:**168:2a
resistance thermometer: *see* electrical resistance thermometer
resistance welding (met.)
formation of magnesium structures **21:**415:1b
pipe production **21:**380:2a
Resistencia, *or* San Fernando del Río Negro (Arg.) **9:**1039:2a
location *map* **14:**44
railways and settlements in the Gran Chaco **27:**702:2b
Resistência Nacional Moçambicana (guerrilla org., Moz.): *see* Renamo
"Resistible Rise of Arturo Ui, The," *or* "Der Aufhaltsame Aufsteig des Arturo Ui," *or* "Arturo Ui" (play by Brecht)
discussed in biography **2:**493:2b
influenced by Shakespeare **27:**268:2b
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resistivity, *or* specific resistivity (elec.) **9:**1039:2b
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materials testing **13:**592:2b
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electrical properties of solids *illus.* **23:**667
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alkali metals *table* **15:**946
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carbon group elements *table* **15:**962
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rocks and rock formations **24:**201:1a
sedimentary rocks **24:**221:2b
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semiconductors and insulators **23:**671:1b
photoconductivity **9:**402:1a
for a list of related subjects see PROPAEDIA: Section 127
see also resistance
resistor (elec.) **9:**1039:3a
direct current circuits **18:**170:2a, *illus.* 171
electric heaters **4:**427:1b
electric machines **18:**383:2b
rheostats **10:**20:1a
use of differential equations **13:**489:2b
Reşiţa (Rom.) **9:**1039:3b
Resnais, Alain (Fr. film dir.)

9:1039:3b
contribution to motion pictures 24:401:2b
resol resin (plastics)
place in plastics and resins 21:292:1b
Resolute Bay (Cornwallis Island, N.W.Terr., Can.)
location *map* 15:460
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major ref. in Molecules 24:288:2b
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for a list of related subjects see PROPAEDIA: Section 122
resolution (optics): *see* resolving power
resolution (phot.)
photographic film sharpness 25:787:2b
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"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
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cats **15:**577:1a
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retraining program **10:**2:2a
for a list of related subjects see PROPAEDIA: Section 533
retreat (rel.)
monasticism **26:**987:2b
retribution (penology)
theories of punishment **9:**801:1a; **16:**807:2a
retrieval (memory): *see* recall
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retroactivity (law)
development of criminal law **16:**797:2a
retroduction (logic): *see* abduction
retroflex, *or* retroflex consonant (phonetics) **10:**2:3b
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for a list of related subjects see PROPAEDIA: Section 133
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for a list of related subjects see PROPAEDIA: Section 423
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pyrrolizidine alkaloids **15:**863:2b
retrorsine (chem. compound)
pyrrolizidine alkaloids **15:**864:1a
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major ref. in Libraries and Library Science **22:**981:2b
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Retsforbundet (pol. party, Den.): *see* Justice Party
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.)
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processing of cantala **2:**813:2b
Return, Law of (Isr. leg.)
history of Israel **22:**144:1a
return-air plenum (device)
use in building ventilation system **15:**335:1b
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:**560:2a
"Return of Quetzalcoatl, The" (mural by Orozco)
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"Return of the Prodigal Son" (work by Lipchitz)
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"Return of the Prodigal Son, The" (paint. by Rembrandt)
discussed in biography **26:**606:1b
"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)
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"Return to The Islands" (work by Grimble)
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"Returning to Nature" (essay by Li Ao)
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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
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Beaufort **2:**19:3a
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Retzské, Jan (Pol. singer): *see* Reszke, Jean de
Reuben (Jewish tribe) **10:**3:3b
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Reuben sandwich (food)
ingredients **10:**413:2b
Reubeni, David (Jewish adventurer) **10:**4:1a
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Reuchlin, Johannes (Ger. humanist) **10:**4:1a
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Reuel (Old Testament figure): *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
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"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)
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Reunited Nationalist Party (pol. party, S.Af.)
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Reusner, Nicolaus (Ger. art.)
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Reuss average (geol.)
measurement of rock formation elasticity **24:**191:1a
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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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Reutersvard, Oscar (Swed. art.)
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Revard, Mount (mt., Fr.)
description **1:**181:2b
Revda (U.S.S.R.) **10:**6:2a
Reve, Gerard Kornelis van het (Du. au.)
contribution to Dutch literature **4:**300:3a; **17:**568:2a
"Rêve de d'Alembert, Le" (work by Diderot)
discussed in biography **4:**80:3b
Réveil (Eur. rel. movement)
Dutch literature **23:**341:2b
Groen van Prinsterer's role **5:**508:1a
Réveillon, Jean-Baptiste (Fr. art.)
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Revel (U.S.S.R.): *see* Tallinn
revelation (rel.) **10:**6:2a
major ref. in Religious Doctrines and Dogmas **17:**418:2b
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morality **18:**493:1a
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Bonaventure **25:**744:2b
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for a list of related subjects see PROPAEDIA: Section 811
Revelation, book of (work by Beatus of Liebana)
contribution to manuscript illumination **25:**354:1b
Revelation to John, *or* Apocalypse of John, *or* Book of Revelation

(New Testament) **10:**6:3a
major ref. in Biblical Literature **14:**844:2b
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Alpha and Omega **1:**293:1b
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Revelation to Peter (pseudepigraphal Christian writing): *see* Peter, Apocalypse of
"Revelations" (dance by Ailey)
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discussed in biography **6:**647:2a
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"Révélations picturales actuelles, Les" (lecture by Léger): *see* "Contemporary Achievements in Painting"
Revell, Viljo (Fin. arch.) **10:**6:3b
Révellière-Lépeaux, Louis-Marie de La (Fr. pol.): *see* La Révellière-Lépeaux, Louis-Marie de
Revels, Hiram Rhoades (Am. pol. and educ.) **10:**7:1a
Revels, Master of the (Eng. court offi.) **10:**7:2a
Revelstoke (B.C., Can.) **10:**7:2b
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Revelstoke, Edward Charles Baring, 1st Baron (Br. mer.)
Baring family history **1:**897:2b
revendication (law): *see* replevin
"Revenge" (flagship)
design of naval ship **29:**592:2a
"Revenge of Bussy d'Ambois" (play by Chapman)
genre of revenge tragedy **10:**7:3a
revenge tragedy, *or* Jacobean tragedy, *or* tragedy of blood (drama) **10:**7:3a
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for a list of related subjects see PROPAEDIA: Section 621
"Revenger's Tragedy, The" (play by Middleton)
English literature **18:**441:1b
Reventazón River (riv., C.R.)
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Reventlow, Christian Ditlev Frederick, Lensgreve (Dan. govt. offi.) **10:**7:3b
Reventlow, Juliane von (Eur. countess)
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Revenue Act (1764, U.K.): *see* Sugar Act
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Revenue Cutter Service, *or* Revenue Marine Service (U.S. mil.): *see* United States Coast Guard, The
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copper production **21:**397:1b
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Reverdy, Pierre (Fr. poet) **10:**8:1b
association with Braque **2:**478:3b
Revere, *or* North Chelsea, *or* Rumney Marsh (Mass., U.S.) **10:**8:2a
Revere, Paul (U.S. mil. of. and silversmith) **10:**8:2a
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reverend (title) **10:**8:3a
Révérend, Claude (Fr. importer)
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"Reveries of a Solitary Walker," *or* "Les Rêveries du promeneur solitaire" (work by Rousseau)
discussed in biography **26:**961:2a
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reverse fault (geol.)
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reverse lend-lease (U.S. hist.)
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reverse osmosis (chem.)
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reversible hydrogen electrode (chem.)
gas-producing electrochemical reactions **15:**1071:2a
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reversible process (phys.): *see* reversibility
reversible-pump turbine
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chemical reaction mechanisms **15:**1027:2b, 1035:2a
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hydrology of Saint John River **10:**322:2a, *illus.*
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contribution to political literature **18:**447:1b
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"Review of Reviews" (Am. mag.)
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Revillagigedo Islands (archip., Mex.) **10:**9:1a
location *map* **24:**28
Revised Standard Version (Bible)
major ref. in Biblical Literature **14:**767:1a
contribution by Goodspeed **5:**364:2b
incorporation of Old Testament readings **20:**614:2a
use of Masoretic text **14:**849:1b
"Revised Statutes of the United States" (work by Boutwell)
discussed in biography **2:**434:1b
"Revision of the Echini" (work by Agassiz)
discussed in biography **1:**141:1b
revisionism (Marxism) **10:**9:1b
comparison to dogmatism **27:**457:1b
development by Bernstein **2:**154:3b
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socialism **27:**444:2a
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for a list of related subjects see PROPAEDIA: Section 541
"Revista azul" (lit. journ.)
founding by Gutiérrez Nájera **5:**583:2b
"Revista de Occidente" (Sp. period.)
editing by Azorín **1:**758:2a
"Revista Mexicana de literatura" (lit. journ.)
founding by Fuentes **5:**33:3a
revitalization movement (sociol.) **10:**9:1b
for a list of related subjects see PROPAEDIA: Section 521
Revius, Jacobus, *or* Jacob van Reefsen (Du. writ.) **10:**9:2a
contribution to Dutch literature **17:**567:2a
revivalism (Christianity) **10:**9:2b
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religions
Disciples of Christ **26:**260:2b
Protestantism **26:**222:2b *passim to* 226:2b
social change **16:**345:2a
Revive Han Association (Chin. pol. org.)
Chinese history **16:**130:1b
"Revizor" (work by Gogol): *see* "Government Inspector, The"
Revlon (Am. co.)
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Revoil, Louise (Fr. writ.): *see* Colet, Louise
"Revolt" (dance)
Graham's performance **5:**406:3b
"Revolt Against Dualism, The" (work by Lovejoy)
discussed in biography **7:**517:3a
"Revolt in Aspromonte," *or* "Gente in Aspromonte" (work by Alvaro)
place in Italian literature **22:**160:2a
Revolt of . . . : *see under* substantive word or date, *e.g.,* Three Feudatories, Revolt of the, except as below
"Revolt of Islam, The," *or* "Laon and Cythna" (poem by Shelley)
discussed in biography **10:**720:2b
"Revolt of the Masses, The," *or* "La rebelión de las masas" (work by Ortega y Gasset)
discussed in biography **8:**1015:2b
Existentialist views **25:**617:1b
"Revolted Knights, Cycle of the" (Fr. epic poem): *see* "Geste de Doon de Mayence"
Revolución, Plaza de la (plaza, Havana, Cuba)
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major ref. in Political Systems **25:**1012:1a
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anarchism **27:**459:2a
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communism **27:**451:2a
Engels **4:**495:1a
Gentz **5:**187:2a
Guevara **5:**545:3b
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Marxism **23:**580:1a *passim to* 583:2a; **25:**689:2a
Müntzer **8:**423:1a
reform movement **16:**562:2a
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for a list of related subjects see PROPAEDIA: Section 543
see also Industrial Revolution; urban revolution; particular revolutions by name (*e.g.* French Revolution; Mexican Revolution)
revolution, council of (govt. org., Guinea-Bissau)
government of Guinea-Bissau **5:**556:2b
revolution, period of (astron.)
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revolution, solid of (math.): *see* solid of revolution
"Révolution Démocratique et Sociale, La" (Fr. journ.)
founding by Deleschuze **3:**972:3b
"Révolution introuvable, La" (work by Aron): *see* "Elusive Revolution: Anatomy of a Student Revolt, The"
Revolution of . . . : *see under* substantive word or date, *e.g.,* 1688, Revolution of
Revolution Peak, *or* Pik Revolyutsi (mt., U.S.S.R.) **10:**10:2a
Pamir Mountain Area **14:**244:1b
"Revolutionary Catechism" (work by Nechayev)
influence on Russian terrorist movement **27:**446:1b
Revolutionary Committee (Chin. govt.)
history of Honan **16:**163:1b
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Revolutionary Council of the Union of Myanmar (Myanmar hist.)
establishment by Ne Win **8:**573:1b
Revolutionary Front (pol. org., Sur.)
history of Suriname **28:**331:2a
Revolutionary Government of the Indonesian Republic
Sumatera Barat **11:**382:2b
revolutionary group (pol.)
use of terrorism **11:**651:1b
see also terrorism; *and* specific revolutionary groups by name (*e.g.* Montonero; Red Army Faction; Red Brigades)
Revolutionary Guards, *or* Pasdaran-e Inqilab (Iranian armed forces)
description **21:**861:1b
Revolutionary Party (pol. party, Tan.): *see* Chama Cha Mapinduzi
Revolutionary Party of Democratic Unification, *or* Partido Re-

volucionario de Unificación Democrática, *or* PRUD (pol. party, El Sal.)
role of Osorio **15:**694:1a
Revolutionary People's Party, *or* RVP (pol. party, Sur.)
history of Suriname **28:**331:2a
Revolutionary Socialist Party (pol. party, Neth.)
role of Sneevliet **10:**909:2a
Revolutionary Socialist Party of Romagna (pol. party, It.)
role in Italian history **22:**233:2a
Revolutionary Syndicalism (pol. philos.): *see* Syndicalism
Revolutionary Tribunal, *or* Tribunal Révolutionnaire (Fr. hist.) **10:**10:2a
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Revolutionary War (U.S. hist.): *see* United States War of Independence
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political programs of Mao **16:**149:1a
"Révolutions de France et de Brabant, Les" (news. by Desmoulins)
discussed in biography **4:**35:2b
revolver (weapon) **10:**10:3a
description **9:**473:2a
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revolving credit (fin.) **10:**10:3b
for a list of related subjects see PROPAEDIA: Section 533
see also credit card
revolving-cup electric anemometer (instru.)
operational principle and applications **1:**396:3a, *illus.*
revolving pan (machine): *see* comfit pan
revolving stage (thea.) **10:**10:3b
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see also horizontal drive; periaktos
Revolyutsi, Pik (mt., U.S.S.R.): *see* Revolution Peak
Revson, Charles Haskell (Am. businessman) **10:**11:1a
revue (thea.) **10:**11:1b
see also music hall and variety; vaudeville
"Revue Blanche, La" (Fr. period.)
place in modern art movement **25:**383:2b
"Revue de Paris," *or* "Nouvelle Revue de Paris" (Fr. mag.)
contributions of Flaubert **4:**822:2b
history of magazine publishing **26:**443:1b
"Revue de synthèse historique" (Fr. journ.)
founding by Berr **2:**157:1b
"Revue des Deux Mondes" (Fr. journ.) **10:**11:2b
contribution by
Baudelaire **1:**967:3a
Vigny's editorial **12:**365:3a
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"Revue Industrielle" (Fr. journ.)
founding by Fontaine **4:**866:1a
Revueltas, José (Mex. writ.) **10:**11:2b
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scratchboard, *or* scraperboard (art tool) **10**:569:1a
for a list of related subjects see PROPAEDIA: Section 628
scrawled filefish, *or* Aluterus scriptus (fish)
description **4**:776:2b, *illus.*
screamer, *or* Anhimidae (bird fam.) **10**:569:1b
major ref. in Birds **15**:28:1a, *illus.* 34
description **1**:435:2b
for a list of related subjects see PROPAEDIA: Section 313
Screaming Meemie (rocket): *see* Nebelwerfer
scree (geol.): *see* talus
screech owl (bird) **10**:569:2a
coloration **9**:25:2b
pattern of vocalization **15**:76:1a
for a list of related subjects see PROPAEDIA: Section 313
screen, *or* pick (basketball strategy)
maneuvering of opposition players **28**:154:1b
screen (furniture)
use in church architecture **26**:824:1b
screen, *or* halftone screen (print.)
use in
halftone process **26**:106:1a
rotogravure **26**:88:2b
screen, focusing (optics): *see* focusing screen
screen, projection: *see* projection screen
screen fan (clothing accessory): *see* rigid fan
screen grid (elec.)
maintenance of fixed potential **5**:495:1b
use in tetrode **11**:660:3b
screen memory (psychol.)
views of Freud **19**:567:1b
screen painting (art)
major ref. in The Art of Painting **25**:331:1b
practice in China **17**:676:1b

use of ukiyo-e **12:**110:1b
work of Sesshu **10:**658:2a
screen printing (process)
use in textile design **21:**525:2b
screen veil (beekeeping)
use as protection **19:**151:1b, 152:2b, *illus.*
screening (chem. process): *see* filtration
screening (mil.)
effect on naval tactics **29:**670:2b
screening, *or* vetting (personnel admin.)
use in ensuring security **10:**596:1b
screeno (game of chance)
variant of bingo **2:**218:3b
screenplay (dramatic lit.): *see* script
"Screens, The," *or* "Les Paravents" (work by Genet)
discussed in biography **5:**178:1a
screw (machine part) **10:**569:2b
major ref. in Tools **28:**727:1a
use in
augers **1:**696:3b
pumps **9:**797:2b
use with nut **8:**836:1a
for a list of related subjects see PROPAEDIA: Section 722
screw-actuated lift (stage machinery)
use in theatrical productions **28:**601:2b
screw axis (crystall.)
rotation and translation in crystals **23:**651:1a, *illus.*
screw conveyor (device)
major ref. in conveyor **3:**592:3a
screw-cutting engine lathe (tool)
description **7:**179:3a
development **28:**729:1a
screw dislocation, *or* spiral dislocation (crystall.)
major ref. in Matter **23:**656:2a, *illus.* 657
electrocrystallization **15:**1073:2a, *illus.*
screw machine (lathe): *see* bar machine
screw micrometer (device)
measurement of machine tools **23:**733:2b
screw moss, *or* twisted moss, *or* Tortula (bot.) **10:**570:1a
for a list of related subjects see PROPAEDIA: Section 313
screw pine, *or* Pandanus, *or* screw-pine (bot.)
characteristics *illus.* Plate 2 fol. **28:**882
Pandanales classification **9:**110:2a
use in Pacific Islands **25:**256:1a, 261:2a, *illus.* 247
screw-pine order (plant order): *see* Pandanales
screw press (minting device)
use in minting **16:**553:2b
screw propeller (naut. engin.)
ship design and construction **21:**484:2a
screw pump (device)
description **9:**797:2b
screw-thread pitch gauge (meas. device)
description **5:**146:3b
screw vise (carpentry)
feature of workbench **28:**726:1b
screwball, *or* fadeaway (baseball)
characteristics **28:**127:2b
development by Hubbell **6:**114:1b
screwdriver (tool) **10:**570:1a
major ref. in Tools **28:**727:1b
"Screwtape Letters, The" (work by Lewis)
discussed in biography **7:**313:1a
screwworm (larva)
genetic coding *table* **18:**881
larval development **2:**296:2a
Scriabin, Aleksandr Nikolayevich (Russ. comp.) **10:**570:2a
use of
colour music **3:**471:1a
self-devised harmonic scale **24:**525:1b
scribe
Assyria **1:**629:2b
Egypt
education **18:**2:2b
mathematics education **23:**605:2b
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Greece **18:**6:2a
Mesopotamia **18:**2:2b; **24:**79:1a
paleographic studies **9:**79:1a
study of history **20:**595:1b
scribe (Judaism): *see* sofer
Scribe, Augustin-Eugène (Fr. dram.) **10:**570:3a
association with Auber **1:**690:1a
contribution to
French literature **19:**556:2a
French theatre **28:**543:2b
development of the well-made play **12:**570:2a
libretto composition for grand opera **24:**632:2b
Scribes and Illuminators, Society of (Eng. calligraphers)
revival of calligraphy **29:**1071:2b
"Scribleriad, The" (work by Cambridge)
discussed in biography **2:**761:1a
Scriblerus Club (Br. lit. soc.)
membership of
Arbuthnot **1:**523:1b
Pope **9:**605:2b
Scribner, Belding (physic.)
research in nephrology **8:**603:1a
Scribner, Charles (Am. publ.)
engraving by Closson *illus.* **10:**571
role in publishing **10:**570:3b
Scribner family, *or* Scrivener family (publ. fam.) **10:**570:3b
association with Brownell **2:**563:1b
"Scribner's Magazine" (Am. mag.)
contribution by Bok **2:**334:3b
scrim (fabric)
comparison with gauze **5:**152:3b
scrimmage (sports)
development of American football **28:**137:1b, 142:1a
scrimshaw (sculp.) **10:**571:1a
American folk art **19:**330:1a, *illus.* 329
ivory carving **6:**444:3b
Scripps, Edward Wyliss (Am. publ.) **10:**571:1b
founding of United Press International **12:**150:3b
history of newspaper publishing **26:**436:2b
Scripps Canyon (submarine canyon, U.S.) **10:**571:2a
submarine slumps and sediment movement **11:**344:2a
script, *or* screenplay, *or* filmscript (dramatic lit.) **10:**571:2b
motion pictures **24:**396:1b, 416:1b
theatrical art and production **28:**515:1b
scriptorium (writing room) **10:**571:2b
ancient and medieval book publishing **26:**418:1a *passim to* 421:1b, *illus.* 419
English writs **29:**31:2a
library development **22:**969:2a, *illus.*
medieval art **25:**351:1b
"Scriptorium in the Bell Tower of San Salvador at Tavara, The" (ms. illumination)
"Commentary on the Apocalypse" *illus.* **22:**969
"Scriptorum illustrium majoris Britanniae catalogus" (work by Bale)
discussed in biography **1:**830:1a
scripture, *or* sacred literature, *or* sacred scripture (rel. lit.) **10:**571:3a
biographical fragments **23:**197:1a
Christianity
early church **16:**260:1b
Protestantism **9:**741:1a; **26:**888:2b
Roman Catholicism **10:**149:3b; **26:**878:1b, 904:2b
prophecy **17:**427:1a *passim to* 431:1b
religious experience **26:**582:1a
revelation **17:**420:2a; **25:**691:1a
worship **26:**777:1b
for lists of related subjects see PROPAEDIA: Sections 811; 812
"Scripture Doctrine of the Trinity" (work by Clarke)
discussed in biography **3:**354:1b
scrive board (platform)
use in ship construction **21:**490:1a
Scriven, E. (engr.)
portrait of Maskelyne *illus.* **7:**911
Scrivener family (publ. fam.): *see* Scribner family
Scroffa, Camilio (It. poet)
contribution to Italian literature **22:**156:1a
scrofula (disease) **10:**572:2a
see also king's evil
Scroggs, Sir William (Eng. chief justice) **10:**572:2b
scroll (mus.)
structure of violins **24:**669:2a
scroll (writing material)
use in biblical literature **14:**815:1b
scroll painting (art) **10:**572:3a
major ref. in The Art of Painting **25:**331:1a, *illus.* Plate 7 fol. 330
garden and landscape design **19:**667:2a
China **17:**670:2a, 680:2a *passim to* 689:2b, *illus.* Plate 3 and 5–8 fol. 708
Japan **17:**722:1b *passim to* 725:1b, *illus.* Plates 14–16 fol. 732
Korea *illus.* Plate 12 fol. **17:**732
for a list of related subjects see PROPAEDIA: Section 628
see also makimono; prabha painting; *and* individual artists by name (*e.g.* Hsia Kuei; Sesshū)
scroll saw (tool): *see* jigsaw
"Scrolls of Frolicking Animals" (hand scroll by Toba)
discussed in biography **11:**812:1b, *illus.*
scrollwork (arch.) **10:**572:3b
for a list of related subjects see PROPAEDIA: Section 626
scroop, *or* froufrou (textile)
occurrence in taffetta **11:**493:1a
Scrope, George Julius Poulett (Br. geol.) **10:**572:3b
Scrophularia (bot.): *see* figwort
Scrophularia chrysantha (bot.)
description **4:**773:3a
Scrophularia marilandica (bot.): *see* Maryland figwort
Scrophularia nodosa (bot.)
description **4:**773:2b
Scrophularia scorodonia (bot.)
figwort *illus.* **4:**773
Scrophulariales, *or* figwort order (plant order) **10:**573:1a
major ref. in Angiosperms **13:**711:1a, *illus.* 712
annotated classification **13:**608:1a
parasitism **13:**711:1b
relationship to Oleaceae **13:**705:1a
for a list of related subjects see PROPAEDIA: Section 313
Scrots, W. (art.)
portrait of Catherine Parr *illus.* **2:**956
scrotum, *or* scrotal sac (anat.) **10:**573:3a
major ref. in Reproduction and Reproductive Systems **26:**651:2b, *illus.*
animal reproduction **26:**643:1a, 648:2a
disease
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orchitis **8:**985:1b
embryologic development **20:**417:1b
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transparency Plate in PROPAEDIA fol. 146
for a list of related subjects see PROPAEDIA: Section 421
see also hydrocele; spermatic cord; testis
Scrovegni Chapel (chapel, Padua, It.): *see* Arena Chapel
scrub (bot.): *see* scrubland; shrub
scrub-bird, *or* Atrichornithidae (bird) **10:**573:3b
major ref. in Birds **15:**97:1b
for a list of related subjects see PROPAEDIA: Section 313
scrub fowl, *or* jungle fowl (bird)
nesting habits **7:**1011:1b
scrub jay, *or* blue jay, *or* Aphelocoma coerulescens (bird)
description **6:**517:1b
scrub mite (arachnid): *see* chigger
scrub oak, *or* bear oak, *or* Quercus ilicifolia (bot.)
description **10:**574:1a
scrub oak (tree genus) **10:**574:1a
scrub typhus, *or* tsutsugamushi disease **10:**574:1a
transmission **21:**546:2a; **23:**446:2a
scrub wallaby, *or* pademelon, *or* Thylogale (mammal)
characteristics and habitat **12:**466:2a; **14:**1042:2b
scrubland, *or* scrub (ecology) **10:**574:1b
major ref. in The Biosphere **14:**1042:1a, *illus.* Plate 8 fol. 1042
land divisions **14:**1033:2a, *table*
for a list of related subjects see PROPAEDIA: Section 354
Scruggs, Earl Eugene (Am. mus.) **10:**574:2b
contribution to
bluegrass **2:**301:3a
country and western music **3:**679:2a
scrum, *or* scrummage (rugby)
rules of rugby **28:**145:2b, 148:1b, *illus.*
scruple (unit of meas.) **10:**574:3a
scrying (divination): *see* crystal gazing
scuba diving
archaeological applications **20:**578:1a
physical distress **17:**354:2b
underwater diving **12:**127:1a, *illus.*
vertigo dangers **12:**332:2a
Scucinsk (U.S.S.R): *see* Shchuchinsk
scud (invertebrate): *see* amphipod
Scudder, Ida (missionary)
Christian missions **16:**357:1a
Scudderia furcata (insect): *see* fork-tailed bush katydid
Scudéry, Georges de (Fr. dram.)
relationship to Madeleine de Scudéry **10:**574:3b
rivalry with Corneille **3:**636:3b
Scudéry, Madeleine de (Fr. novelist) **10:**574:3b
contribution to French literature **19:**546:2b
work in roman à clef **10:**149:1a
"Scudorama" (dance by Taylor)
Taylor *illus.* **11:**590
scuffing the ball (baseball)
illegal pitches **28:**128:1a
Scullin, James Henry (pr.min. of Austr.) **10:**575:1a
conflict with Lang **7:**142:2b
prime ministers *list* **1:**713
sculling (sport)
type of rowing **10:**214:1b
sculling boat
type of row boat **10:**214:2a
sculpin, *or* bullhead, *or* Cottidae, *or* sea scorpion (zool.) **10:**575:1b
major ref. in Fishes **19:**256:1b, *illus.*
for a list of related subjects see PROPAEDIA: Section 313
sculptor (art): *see* sculpture
Sculptor (astron.)
constellations *table* **28:**225
Sculptor group (astron.)
clusters of galaxies **19:**630:2a
"Sculptura" (work by Evelyn)
discussed in biography **4:**618:3a
sculpture, *or* statue **27:**42:1a; **10:**575:2a
see PROPAEDIA: Section 627
associated arts
architecture **17:**6:2b
drawing **17:**462:2b
folk visual arts **4:**862:3a; **19:**329:1b
furniture **17:**60:1a
garden and landscape design **19:**658:2b
cultural and regional development
Africa **13:**149:1b *passim to* 160:1b
ancient Near East **21:**932:1b *passim to* 937:2b, *illus.* 933
Central Asia **15:**727:2a *passim to* 734:2b, *illus.* Plates fol. 732
China **16:**64:2b; **17:**670:2a *passim to* 701:1a, *illus.* Plates 2–5, 7, and 8 fol. 708

Cro-Magnon man **18:**840:1b
Egypt **18:**145:1b, 149:2b
Europe **27:**59:1a *passim to* 112:2a
Aegean civilizations **20:**208:1b, 212:1b
Cubism **3:**775:1b
Early Netherlandish **4:**319:3a
Empire **4:**480:1a
Franco-Cantabrian **4:**934:3a
Georgian **5:**203:3b
Gothic **5:**382:3a
Jacobean **6:**462:3b
Louis XIII **7:**508:3a
Louis XIV **7:**508:3b
Louis XVI **7:**509:3a
Mannerism **7:**784:2b
Middle Ages **18:**628:2a
minimalism **8:**158:1a
modern **8:**214:2b
Ottonian **9:**6:2b
Romanesque **10:**156:1a; **16:**338:2a
United Kingdom **29:**101:2a
Indian subcontinent: *see* Indian sculpture
Japan **17:**712:1a *passim to* 735:2a, *illus.* Plates 13–15 fol. 732
Korea **17:**703:1a *passim to* 707:2b, *illus.* Plates 9–11 fol. 708
Mesopotamia **21:**911:1a
Oceania **25:**104:2b *passim to* 126:1a, *illus.* 107, 108
Easter Island **25:**291:2b, *illus.* 292
prehistory **26:**47:2b *passim to* 56:2a, *illus.* 47
Sri Lanka **27:**793:2b
United States **29:**200:1b
materials
bronze **2:**548:1b
lacquer **17:**176:2a, *illus.*
marble **7:**816:3b
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China **17:**670:2a *passim to* 683:1b, *illus.*
Iran **21:**886:1a
pre-historic North Africa **24:**905:1a
professional aspects **14:**107:2b *passim to* 113:1a
conservation and restoration **1:**595:3b; **14:**90:2b
fraud **14:**137:1b
religious sculpture
Buddhism **15:**296:1a
Early Christian **4:**319:2a
fertility icons **26:**68:1b
funerary art **26:**809:2a
Greek religion **18:**787:2b
Hinduism **20:**554:2b
mystery religions **24:**707:2b
sacred objects **26:**826:1a
symbolism **26:**595:2a, *illus.* Plates 1, 3, and 4 fol. 596
see also mass; specific methods (*e.g.* carving; modeling); sculpture by spatial context (*e.g.* kinetic sculpture; relief sculpture); function (*e.g.* garden sculpture; mask); form (*e.g.* colossus); material (*e.g.* Tanagra figurine; wax sculpture); funerary sculpture (*e.g.* bieri); Buddhist sculpture (*e.g.* Jōgan style); sculpture indigenous to Mesopotamia (*e.g.* cylinder seal); Greece (*e.g.* kore); China (*e.g.* Yün-kang caves); Japan (*e.g.* Fujiwara style); South Asia (*e.g.* Bharhut sculpture); Southeast Asia (*e.g.* U Thong style); Central Asia (*e.g.* Mathura art); Africa (*e.g.* Airport art; déblé); American Indian (*e.g.* bird stone; palma); Oceania (*e.g.* Massim style; pukao); individual sculptors by name (*e.g.* Michelangelo); *and* specific works (*e.g.* Ara Pacis)
sculpture, environmental: *see* environmental sculpture
Sculpture Gallery (museum, Munich, Ger.): *see* Glyptothek
sculpture in the round
major ref. in The Art of Sculpture **27:**53:1b
sculpture mosaic (mosaic art)
work of Reynal *illus.* Plate 16 fol. **17:**188
scumbling (paint.)
major ref. in The Art of Painting **25:**327:2a
Scunthorpe (dist., Humbs., U.K.) **10:**575:2b
location *map* **29:**7
"scuola dei dittatori, La" (work by Silone): *see* "School for Dictators, The"
Scuola Grande di San Rocco (church, Venice, It.)
works of Tintoretto **11:**790:2a
scuola metafisica (art): *see* Metaphysical painting
scuole (Venetian hist.)
development of guilds **29:**483:2b
scup, *or* northern porgy, *or* Stenotomus chrysops (fish)
characteristics **9:**615:1b
scurfy scale, *or* Chionaspis furfura (insect) **10:**575:2b
scurvy, *or* vitamin C deficiency (path.) **10:**575:3a
affected by vitamin C **12:**403:1a
cause, symptoms, and treatment **25:**66:2b
capillary hemorrhaging **15:**152:2a
Cook's cure **3:**596:3a
nosebleed **8:**802:1b
therapy **23:**892:2b, 897:1b
incidence in children **16:**15:2a
preventive use of Begoniales **13:**649:2a
work of Lind **7:**371:1a; **23:**918:2b
for a list of related subjects see PROPAEDIA: Section 423
scurvy grass (Barbarea verna): *see* upland cress
scurvy grass, *or* Cochlearia officinalis (bot.)
description **2:**481:3a
scutage, *or* shield money, *or* ecuage (feudal law) **10:**575:3b
aid **1:**170:1a
feudal bonds **18:**623:2b
Henry II **5:**836:3b; **29:**34:1a
vassal's tax **12:**278:3b
Scutari (Alb.): *see* Shkoder
Scutari (Tur.): *see* Uskudar
Scutari, Lake, *or* Lake Shkoder, *or* Lake Skadarsko, *or* Skadarsko Jezero (l., Alb.-Yugos.) **10:**576:1a
drainage of Yugoslavia **29:**1087:1b
location *maps* **13:**196; **29:**1089
Scutelleridae (insect): *see* shield-bug
Scutellosaurus (dinosaur)
classification and characteristics **17:**326:1a, 329:2b
scutellum (bot.)
grass embryogenesis **20:**382:1b
Poales' development **13:**748:2b, 753:1a, *illus.* 751
Scutigerida, *or* Scutigeromorpha (arthropod): *see* house centipede
scutiococciliate (zool.)
classification **6:**199:1a
Scutum (astron.)
constellations *table* **28:**225
scutum (weapon)
Roman legion *illus.* **29:**532
Scylax of Caryanda (Gr. expl.) **10:**576:1a
association with Darius I the Great **3:**887:2a
exploration of Indus, Red Sea, and Suez areas **18:**730:1a
Scyliorhinidae (fish): *see* cat shark
Scyliorhinus cuniculus (fish): *see* lesser spotted dogfish
Scyliorhinus stellarius (fish): *see* larger spotted dogfish
Scylitzes, John (Byz. hist.) **10:**576:1b
Scylla (Gr. myth.)
myth of Nisus **8:**725:3b
Scylla and Charybdis (Gr. myth.) **10:**576:1b
legend of Odysseus **8:**878:1a
for a list of related subjects see PROPAEDIA: Section 822
Scyllaridae (crustacean): *see* shovel lobster
Scypha, *or* Sycon (sponge genus) **10:**576:2a
scyphatus, *or* nummus scyphatus (coin)
use in Byzantine Empire **16:**542:2b
scyphistoma, *or* scyphopolyp (invertebrate zool.)
ephyrae creation **16:**524:2a
jellyfish **6:**527:2b
scyphomedusa (cnidarian): *see* Scyphozoa
scyphopolyp (zool.): *see* scyphistoma
Scyphostegiaceae (plant fam.)
major ref. in Angiosperms **13:**647:2b
Scyphozoa, *or* scyphomedusa (cnidarian class)
major ref. in Cnidarians **16:**523:1a, *illus.* 524, 525
characteristics **6:**527:2b
classification **3:**406:3a
scytale (cipher device)
history of cryptology **16:**870:1b
use in encipherment **3:**326:1a
scythe (tool) **10:**576:2b
comparison with sickle **10:**780:2a
scythebill, *or* Campylorhamphus, *or* Campyloramphys, *or* sabrebill, *or* scythe bill, *or* sicklebill (bird) **10:**576:2b
Scythian, *or* Sacae (people) **10:**576:3a
major ref. in Europe **18:**598:2a, *illus.*
art: *see* Scythian art
conflict with
Cimmerians **3:**321:2a
Cyaxares **3:**818:1b
Darius I the Great **3:**887:1b
Esarhaddon **4:**553:2b
Mithradates VI **8:**196:2b
Sarmatians **18:**600:2b
contribution to military strategy **29:**662:2a
defeat by Alexander the Great **13:**235:1a
garment style **17:**481:2a
infiltration into the Balkans **14:**573:2b
interaction during Roman Empire **20:**317:1a
invasion of India **21:**39:1a
Jeremiah's prophecies **6:**533:1a
relations with Mesopotamia **21:**929:1a, *map* 927
religious practices **24:**87:1a
role in
Eurasian Steppe **28:**243:2b
Greek history **20:**221:1a
horsemanship history **20:**651:1b
Inner Asian history **28:**1083:2b
Iranian history **21:**868:1b *passim to* 876:2a, *map* 869
Scythian art, *or* Steppes art **10:**577:1a
animal art *illus.* **18:**599
burial artifacts *illus.* **18:**600
Central Asian arts **3:**27:1a
jewelry **17:**520:2b
ornament style **15:**725:1b
for a list of related subjects see PROPAEDIA: Section 629
Scythian Stage, *or* Werferian Stage (paleon.)
division of Lower Triassic Period **19:**827:2a
"Scythian Suite" (mus. by Prokofiev)
discussed in biography **9:**724:3a
Scytho-Sarmatian language, *or* Old Ossetic language
Middle Iranian languages **22:**624:2a
Scythopolis (Isr.): *see* Bet She'an
Scytodes thoracica (spider)
spitting spiders **11:**106:1b
Scytodidae: *see* spitting spider
Scytopetalaceae (plant fam.)
characteristics **13:**661:1b
SD (div. of SS, Nazi Ger.): *see* Sicherheitsdienst
S.D.B. (rel. org.): *see* Salesians of Don Bosco
SDECE (Fr. govt. agency): *see* DGSE
SDF (pol. party, U.K.): *see* Social Democratic Party
SDI (U.S. defense system): *see* Strategic Defense Initiative
SDKP, *or* SDKPiL (pol. party, Pol.): *see* Social Democracy of the Kingdom of Poland and Lithuania
SDP (pol. party, Fin.): *see* Social Democratic Party
SDP (pol. party, Sey.): *see* Seychelles Democratic Party
SDP (pol. party, U.K.): *see* Social Democratic Party
SDR (fin.): *see* Special Drawing Right
SDS (Am. org.): *see* Students for a Democratic Society
Se (chem. element): *see* selenium
Se-jen (Chin. au.): *see* Kung Tzu-chen
se-mu jen (Chin. soc. class)
role in Yüan dynasty **7:**22:3b; **16:**108:2a
Sé Patriarcal (cath., Lisbon, Port.): *see* Lisbon Cathedral
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Sheboygan (Wis., U.S.) **10:**714:2a
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kuchipudi school of dance-drama **27:**750:2a
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sidrah (Judaism): *see* sidra
sidro, *or* sidrot, *or* sidroth (Judaism): *see* sidra
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Siduri (myth. fig.)
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"Siege of Rhodes, The" (opera by Locke)
discussed in biography **7:**435:3b
"Siege of Rhodes Made a Representation by the Art of Prospective in Scenes, And the Story sung in Recitative Musick, The" (opera by Davenant)
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Siemens-Martin process (met.): *see* open-hearth process
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geography of Ecuador **17:**951:1b
Sierra (reg., Peru)
geography of Peru **9:**316:1b; **25:**516:2b
Sierra . . . : *see under* substantive word, *e.g.,* Gredos, Sierra de, except as below
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physiography of Segovia **10:**607:1b
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Sierra Leone, *or* Republic of Sierra Leone **10:**790:1a
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Sierra Leone Development Company, *or* SLDC (co., S.L.)
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Guerrero **5:**544:1b
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physiography of Mexico **24:**1001:2a
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major ref. in Mexico **24:**30:1a
location in Sierra Madre range **10:**791:1b
physiography of Mexico **24:**1001:2a
Sierra Nevada (mt. range, Sp.) **10:**791:2b
physiography of Europe **18:**530:1a
Sierra Nevada National Park, *or* Sierra Nevada de Mérida, Parque Nacional de (park, Venez.) **10:**791:3b
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Sierra Nevada Range, *or* Sierra Nevadas (mts., U.S.) **10:**791:3a
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"Siete ensayos de interpretación de la realidad peruana" (work by Mariátegui): *see* "Seven Interpretive Essays on Peruvian Reality"
"Siete partidas, Las" (Sp. code): *see* "Seven Divisions of Law, The"
Sieur de Monts National Park (park, Me., U.S.): *see* Acadia National Park
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Christian social welfare **16:**348:2a
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Brumaire Coup **2:**574:1a
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'Ali **4:**59:2b
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Sig, *or* Saint-Denis-du-Sig (Alg.) **10:**793:1a
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Sigeberht (names of kings): *see under* Sigebert
Sigebert (k. of the E. Angles) **10:**793:1a
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Skellefteå (Swed.) **10:**861:3a
Skelmersdale (Lancs., U.K.) **10:**861:3b
skelp (met.)
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Skelton, John (Eng. poet) **10:**861:3b
contribution to English literature **18:**434:1b
use of doggerel **4:**151:1b
Skelton, Red (Am. act.) **10:**862:1b
Skelton Glacier (mt., Antarc.) **10:**862:2a
location *map* **13:**790
thickness **16:**743:1a
skene (anc. Gr. thea.) **10:**862:2a
construction and development **28:**561:2a
skep (agri.)
type of beehive **2:**44:3a
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major refs. in Epistemology **18:**473:1b *passim to* 482:2b; Western Philosophical Schools and Doctrines **25:**590:1a; The History of Western Philosophy **25:**741:2a
doctrine of epoche **4:**530:2a
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philosophical schools and doctrines
Aristotelianism **14:**68:1b
Empiricism **25:**609:2b
Enlightenment philosophy **18:**668:1a
Idealism **25:**617:2b
Platonism **25:**900:1a
Positivism **25:**630:2a
Rationalism **25:**642:1b
Renaissance philosophy **25:**748:1b
Sophism **25:**595:2a
Stoicism **25:**597:1a
philosophy of
Agrippa **1:**157:1b
Carneades **2:**879:3b
Charron **3:**131:2b
Hume **20:**679:1b; **25:**752:2a
Maimon **7:**707:1a
Mauthner **7:**961:2a
Montaigne **24:**354:1b
Moore **25:**603:2a
Niebuhr **8:**694:2a
Pascal **25:**459:1b
Pyrrhon of Elis **9:**826:3b
Sanches **10:**402:2a
Sextus Empiricus **10:**675:3b
views on
creation myths and doctrines **3:**721:1a; **17:**400:2b
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philosophical anthropology **25:**553:1b
religion's origins **25:**688:1a
Roman Catholic teachings **26:**887:1b
science **25:**653:2b, 655:1a
sketch (art) **10:**863:1a
aspect of mosaic art development **17:**181:1b
practice of Corot **3:**646:1a
for a list of related subjects see PROPAEDIA: Section 628
see also sinopia; sketchbook
sketch (lit.): *see* literary sketch
"Sketch Book of Geoffrey Crayon, Gent, The" (work by Irving)
discussed in biography **6:**394:1a
history of literary sketch **7:**398:1b
"Sketch for a Historical Picture of the Progress of the Human Mind," *or* "Esquisse d'un tableau historique des progrès de l'esprit humain" (work by Condorcet)
contribution to the Enlightenment **18:**672:1a
discussed in biography **3:**523:2b
sketchbook (art)
drawing **17:**467:1a, *illus.* 471
"Sketches by 'Boz' " (work by Dickens)
place in English literature **18:**454:2b
"Sketches of American Policy" (work by Webster)
discussed in biography **12:**551:1a
"Sketches of Canada and the United States" (work by Mackenzie)
discussed in biography **7:**636:3b
"Sketches of Eighteenth Century America, or More Letters from an American Farmer" (work by Crèvecoeur)
discussed in biography **3:**733:1a
Sketchpad (computer system)
use in machine tool operations **28:**733:1b
skew conformation, *or* twist conformation (chem.)
cyclohexane conformations **15:**771:1a
skew lines (geom.)
defined in Euclidean geometry **19:**894:2b
skew ray (optics)
astigmatism **1:**30:1a
skew tensor (math.): *see* antisymmetric tensor
skewness (statis.)
use in sandstone analysis **24:**229:2b
ski
description **10:**864:2b, *illus.*
early development **28:**752:2b
innovations by Nordheim **8:**759:3b
ski flying (sport)
comparison with ski jumping **10:**863:2a
ski jumping (sport) **10:**863:1b
event in Nordic skiing **8:**760:1a
Olympic champions *list* **8:**939
ski patrol **10:**863:2b
ski touring (sport): *see* cross-country skiing
skiagraphia (Gr. art)
development of Grecian painting **25:**342:1b
skibobbing, *or* skibob racing (sport) **10:**863:2b
skidding (forestry)
use in wood harvesting **19:**423:2a
Skidmore, Owings, and Merrill (Am. arch. firm)
contribution to modern architecture **13:**990:2b, *illus.* 991
Skien (Nor.) **10:**863:3b
location *map* **24:**1027
Skierniewice (prov., Pol.) **10:**863:3b
location *map* **25:**931
"Skies, The" (Navajo art)
watercolour of Navajo sand painting *illus.* Plate 2 fol. **26:**596
"Skify" (poem by Blok)
discussed in biography **2:**288:3a
skiing (sport) **10:**864:1a
current statistics: *see* Sports and Games in the BRITANNICA WORLD DATA ANNUAL
Olympic games *list* **8:**938
world records and championships *list* **11:**163
see also ski; ski patrol; techniques (*e.g.* arlberg technique; christiania; ruade; stem christiania; stemming); types (*e.g.* alpine skiing; cross-country skiing; downhill skiing; nordic skiing; ski jumping; slalom); World Cup
Skikda, *or* Constantine, *or* Philippeville, *or* Rusicade (Alg.) **10:**864:3b
skill, psychomotor: *see* sensorimotor skill
skim milk
processing and consumption of milk **3:**720:2a; **19:**361:2a *passim to* 368:1b
skim rubber
major ref. in Chemical Process Industries **21:**284:1a
skimmer, *or* Rynchopidae (bird fam.) **10:**865:1a, *illus.*
major ref. in Birds **15:**55:1b *passim to* 63:2a, *illus.* 62
for a list of related subjects see PROPAEDIA: Section 313
skimmer (insect): *see* water strider
skimming (cleaning technique)
use in cleanup of oil spills **8:**894:3a
skin (anat.) **10:**865:1b
major ref. in Integumentary Systems **21:**693:1b
animal
aging process **20:**433:1a
amphibian **13:**423:2a
frog and toad **13:**429:2a
salamander **13:**427:2b
eye anatomy **27:**173:1a, *illus.* 172
fish **19:**195:1b
mammal **23:**386:2a, 496:2b
parchment **9:**148:1b
parrot **15:**71:2a
photodynamism **9:**401:1a
reptile **26:**698:2b
lizard **26:**711:1b
snake **26:**715:2b, 716:2b
respiration **26:**729:1b, 731:2a
sensory reception **27:**116:2b
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visible and ultraviolet light effects **26:**496:2a
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atrophy **1:**682:2a, 683:1b
burns **2:**657:2a
radiation burns **26:**492:2a
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cosmetics **3:**660:3b
dehydration **3:**964:1a
diagnosis **17:**248:2a
drugs and drug action **17:**548:2a
embryologic development **20:**412:2b
evolutionary differences **18:**845:2a
frostbite **5:**25:2a
functional species of reflexes **17:**348:2a
infections **21:**538:1b
nervous system anatomy and physiology **24:**797:1a
pigmentation **16:**588:2a; **19:**703:1a
poisons and poisoning **25:**910:2a
pregnancy **26:**671:1b
puberty **20:**422:2a
sensory reception **10:**639:1b; **27:**163:1b *passim to* 167:1a, *illus.* 165
ultraviolet radiation **18:**204:1a
see also dermatoglyphics; dermis; dewlap; epidermis; fingerprint; interfemoral membrane; palm print; patagium; scale; *and* specific diseases of the skin by name (*e.g.* dermatitis; impetigo; rash)
"Skin, The," *or* "La pelle" (work by Malaparte)
discussed in biography **7:**725:1a
skin beetle, *or* Trogidae (insect) **10:**865:2a
skin boat (vessel)
primitive water transportation **28:**753:1b
skin depth (phys.)
electromagnetic shielding **18:**182:1a
skin disease (path.)
major ref. in Integumentary Systems **21:**704:2a
bacterial causation **21:**542:2b
cancer **15:**536:1a, 538:2b; **18:**845:2a
children **16:**19:1a
connective tissue disease **28:**315:1b
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see also specific diseases by name,

e.g., chromoblastomycosis
skin diving (swimming): *see* free diving
skin effect, *or* surface effect (elec.) **10:**865:2b
surface phenomenon **23:**671:1a
synthetic fibre manufacturing **21:**305:2b
skin float (vessel)
primitive water transportation **28:**753:1b
skin gland (anat.): *see* oil gland; scent gland; serous gland
skin graft (med.) **10:**865:2b
major ref. in Organ and Tissue Transplants **28:**745:2b
use in
burn treatment **2:**658:3b
reconstructive surgery **9:**504:3b; **17:**262:2b
for a list of related subjects see PROPAEDIA: Section 423
"Skin of Our Teeth, The" (play by Wilder)
discussed in biography **12:**658:1b
skin-on-skin process (fur indus.)
manufacture of fur coats **5:**56:1b
skin perfume
description **9:**287:3b
skin squeeze, *or* body squeeze (disease): *see* barotrauma
skin test (med.) **10:**865:2b
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for a list of related subjects see PROPAEDIA: Section 423
skink, *or* Scincidae (lizard fam.) **10:**865:2b
mating behaviour **14:**684:2a
member of class Reptilia **26:**689:1b *passim to* 697:2b
use of coloration *illus.* Plate 5 fol. **16:**590
for a list of related subjects see PROPAEDIA: Section 313
Skinner, Burrhus Frederic (Am. psychol.) **10:**865:3b
philosophy of education **25:**728:1a
theory on
behaviour patterns **25:**634:2a
behaviour therapy **2:**49:3a
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animal **22:**874:1b
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Skinner, Clarence (Am. theol.)
influence on American Universalism **26:**265:1b
Skinner, Cornelia Otis (Am. act. and au.) **10:**866:1b
Skinner, Otis (Am. act.) **10:**866:2a
Skinner, Stephen (Eng. philol.)
contribution to etymological dictionaries **18:**282:1a
Skinner box (sci. apparatus)
invention by B.F. Skinner **10:**866:1a
use in conditioning experiments **22:**874:2a
skip rope, *or* skipping rope (game): *see* jump rope
skipjack (insect): *see* click beetle
skipjack herring, *or* Alosa chrysochloris (fish)
description **5:**887:1a
skipjack tuna, *or* Katsuwonus pelamis, *or* Euthynnus pelamis (fish)
major ref. in Fishes **19:**259:1b
poisonous properties *table* **25:**925
species of tuna **12:**37:2b
skipper, *or* Atlantic saury, *or* Scomberesox saurus (fish)
habitat **10:**477:1b, *illus.*
skipper, *or* Piophilidae (fly) **10:**866:3a
skipper, *or* Hesperioidae (Lepidoptera) **10:**866:2b
characteristics **21:**640:2b *passim to* 650:2b, *illus.* 640
relation to butterflies and moths **7:**286:3a
for a list of related subjects see PROPAEDIA: Section 313
"Skipper Worse" (work by Kielland)
place in Norwegian literature **27:**16:2a
"Skírnismál" (Ice. poem)
place in
Germanic mythology **18:**772:1b
Scandinavian literature **27:**11:1b
Skirophoria (Gr. festival): *see* Scirophoria
Skiros (is., Gr.): *see* Skyros
skirret, *or* Sium sisarum
characteristics **12:**517:2b
skirt (clothing)
history of dress **17:**478:1b *passim to* 499:2b
skirt (mech.)
major ref. in air-cushion machine **1:**174:2b
use on SR.N1 hovercraft **28:**818:2a
skirt dance: *see* serpentine dance
skittle dog (fish): *see* spiny dogfish
skittles (game) **10:**866:3a
comparison with ninepins **8:**716:2b
Skive (Den.)
location *map* **17:**229
Skjoldborg, Johan (Dan. au.)
contribution to Danish literature **27:**19:2b
Sklodowska, Manya (Fr. phys.): *see* Curie, Marie
Skobelev (U.S.S.R.): *see* Fergana
Skobelev, Mikhail Dmitriyevich (Russ. mil. of.) **10:**866:3b
Skoblikova, Lidiya Pavlona (Sov. athlete) **10:**867:1a
Skoda, Emil von (Bohem. engin.) **10:**867:1b
Skoda Works (Plzen, Czech.): *see* V.I. Lenin Works
Skogekär Bärgbo (Swed. au.)
contribution to Swedish literature **27:**13:2a
Skokie, *or* Niles Center (Ill., U.S.) **10:**867:1b
Skole Nappe (geol. feature, Czech.)
Carpathian Mountains **18:**555:2a
Skolem, Thoralf Albert (Nor. math.)
contribution to
lattice theory **13:**272:1a
mathematics **23:**596:1a, 601:2b
metalogic **23:**274:2a *passim to* 278:1b
recursive function theory **9:**980:3a
see also Skolem's theorem
Skolem's theorem (math.)
lattice theory **13:**272:1a
mathematics **23:**601:2b
"Skolen for livet" (work by Grundtvig)
discussed in biography **5:**523:2b
skomorokhi (thea. comedian): *see* mummer
Skopje, *or* Shkup, *or* Skoplje, *or* Uskub (Yugos.) **10:**867:2a
Balkan transportation routes **14:**565:2a
location *map* **29:**1089
Skorina, Franciscus (Russ. trans.)
translation of Bible **14:**769:2b
Skorodom (reg., U.S.S.R.): *see* Zemlyanoy-Gorod
Skorzeny, Otto (Nazi SS of.) **10:**867:3a
Skötkonung, Olof (Swed. ruler)
baptism **11:**437:1a; **28:**340:1b
Skövde (Swed.) **10:**867:3b
Skovoroda, Hryhoriy (Ukrainian poet)
traditions of Soviet culture **28:**965:1b
Skowronska, Marta (emp. of Russ.): *see* Catherine I
Skram, Amalie, *or* Amalie Alver (Nor. novelist) **10:**867:3b
contribution to Norwegian literature **27:**16:2a
Skrapar (dist., Alb.)
location *map* **13:**196
"Skriget" (work by Abell)
place in Danish literature **27:**20:1a
Skryabin, Vyacheslav Mikhaylovich (foreign minis., U.S.S.R.): *see* Molotov, Vyacheslav Mikhaylovich
Skrzynecki, Jan Zygmunt (Pol. gen.) **10:**868:1a
Skrzynski, Aleksander, Hrabia (Pol. states.) **10:**868:1b
Sku Lnga (Buddhism): *see* Five Great Kings
skua, *or* Stercorariidae (bird fam.) **10:**868:2a
classification **6:**468:2a
major ref. in Birds **15:**55:1b *passim to* 63:2a
for a list of related subjects see PROPAEDIA: Section 313
skua, *or* bonxie, *or* Catharacta skua, *or* great skua
description **10:**868:2a
Skúlason, Thorlákur (Ice. trans.)
revision of Bible in Icelandic **14:**769:1b
Skuld (Germanic myth.)
place in Norn **8:**769:3a
Skuli Baardsson, Earl (Nor. noble)
opposition to Haakon IV **5:**598:1a
skull (anat.) **10:**868:2b
anatomical features
fontanel **4:**867:2b
suture joint **28:**308:2a
animal
anteater, armadillo, and sloth *illus.* **23:**438
Camelops *illus.* **2:**765
cetaceans **23:**475:1b, *illus.*
Crossopterygii **19:**215:2b
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horse **20:**647:1a; *illus.* **23:**488
Insectivora **23:**410:2a, *illus.* 411
lizards **26:**710:1b
mammals **23:**387:2a
primates **23:**428:2b
reptiles **26:**694:2b
snakes **26:**717:1b, *illus.*
vertebrates **12:**332:1b
woodpeckers **15:**93:2a
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New Guinea **25:**113:1a
embryologic development **20:**415:2b
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Australopithecus africanus **18:**818:1b, *illus.*
Homo Erectus **6:**28:1a; **18:**827:2b, *illus.* 826
fracture's cause of hearing disorder **27:**217:2a
malformations
craniosynostosis **3:**712:3b
neural tube defects **8:**621:1a
phrenology **9:**407:3a
skeletal system **28:**294:1a, *illus.*
structure **24:**798:2a
transparency Plate in PROPAEDIA fol. 146
for a list of related subjects see PROPAEDIA: Section 334
see also craniometry; *and* specific structural elements, *e.g.,* jaw; temporal fossa
Skull 1470 (hominid fossil)
theory of Leakey **7:**223:1a
skull cap (ritual object)
Tibetan *illus.* Plate 2 fol. **26:**804
skull cult 10:868:3a
artistic expression **27:**921:1a
Jericho's religion **24:**74:1b
for a list of related subjects see PROPAEDIA: Section 821
skull lichen, *or* Parmelia saxatilis (bot.)
description **9:**164:1a
skull mask
use in burial rituals **23:**590:2b, *illus.* 589
skunk, *or* zorrino, *or* polecat (mammal) **10:**868:3a
major ref. in Mammals **23:**460:1b *passim to* 462:1b, *illus.* 460
aggressive behaviour **14:**663:1a
gestation period *table* **5:**227
honeybee predator **19:**154:2a
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for a list of related subjects see PROPAEDIA: Section 313
see also hog-nosed skunk; spotted skunk
skunk (playing cards): *see* lurch
skunk badger (mammal): *see* teledu
skunk bear (mammal): *see* wolverine
skunk cabbage (bot.) **10:**869:1a
for a list of related subjects see PROPAEDIA: Section 313
"Skunk Hour" (poem by Lowell)
discussed in biography **7:**524:3a
Skunk River (riv., Ia., U.S.) **10:**869:1b
location *map* **29:**178
Skupa, Josef (Czech. puppeteer)
contribution to marionette theatre **26:**455:2b
skutterudite (min.) **10:**869:1b
association with erythrite *illus.* **4:**551
mining and processing of cobalt arsenides **21:**409:2a
structure and properties **1:**592:2b; *table* **11:**370
Skvorecky, Josef (Czech writ.)
contribution to Czech literature **16:**904:1a
sky (atmosphere)
blue colour **11:**397:1b; **18:**198:2a
Rayleigh scattering law **9:**964:2a; **23:**18:1a
"Sky-boy, The" (photograph by Hine)
construction of Empire State Building *illus.* **5:**936
Sky God (deity)
ancient European religions **18:**775:2b, 779:1b, 784:2b
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Sky House (arch. by Kikutake Kiyonori)
discussed in biography **6:**858:2a
"Sky is Red, The," *or* "Il cielo è rosso" (work by Berto)
place in Italian literature **22:**161:1b
sky lobby (arch.)
design in skyscrapers **15:**337:2b
sky-pointing (zool.)
booby behaviour **2:**369:1b
Skycrane (helicopter)
development of military aviation **28:**846:1a
skydiving, *or* parachuting (sport) **10:**869:1b
contribution by
Garnerin **5:**127:2b
Lenormand **7:**268:2a
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see also parachute; sport parachute
Skye (isl., Skye and Lochalsh, U.K.) **10:**869:2b
location *map* **29:**8
Skye and Lochalsh (dist., U.K.) **10:**869:3b
Skye terrier (dog) **10:**869:3b
Skyhawk (Am. aircraft): *see* A-4
Skyhook (Am. balloon program)
high-altitude studies **1:**842:3b
skyjacking (internat. law): *see* hijacking
Skylab Program, *or* Apollo Applications Program (space program) **10:**870:1a
major ref. in Scientific Exploration **19:**53:1a
biomedical studies **12:**560:2b
space exploration **11:**61:3b; **11:**63:1a
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Bean **2:**11:1a
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failure to disperse in Canada **14:**988:1b
relation to larks **7:**164:2b
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skylight (bldg. part)
construction **15:**333:2b
Skyline Drive (hwy., U.S.)
route **2:**299:3b
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Skynet (Br. satellites)
communications satellite **19:**55:1a
skyphos (pottery)
ancient Greek art *illus.* **5:**461
Skyraider (Am. aircraft): *see* A-1
Skyros, *or* Skiros (is., Gr.) **10:**870:1a
skyscraper (bldg.) **10:**870:1b
construction **15:**322:1b, 336:1b, *illus.* 323
civil engineering **28:**474:2b
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Le Corbusier **3:**622:2a
Sullivan **11:**376:3a
development in Chicago **16:**7:2b

for a list of related subjects see PROPAEDIA: Section 626
see also Chicago School; setback; *and* skyscrapers by name
Skysweeper (mil. weapon)
antiaircraft gun **1**:448:3b
skytanthine (chem. compound)
alkaloids **15**:868:1b
Skytrain (aircraft): *see* DC-3
Sla (Mor.): *see* Salé
slab (const.)
use in construction **15**:333:1a; **26**:337:2a
slab (geomorph.)
plate movement role **17**:611:1b
slab-ended stool (furniture): *see* board stool
slab-tilt wall (const.)
use by Gill **5**:267:2b
SLAC, *or* Stanford Linear Accelerator Center (Stanford Univ., Calif., U.S.)
establishment at Stanford University **11**:210:2a
size and capacity **25**:453:2a, *illus.*
slack variable (math.)
role in solving optimization problems **25**:219:2b
slacks (clothing)
worn by women **17**:496:2b
Slade, Jack, *or* Joseph A. Slade (Am. outlaw) **10**:870:3b
slaframine (chem. compound)
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slag (met.) **10**:870:3b
process of lead smelting **21**:383:1b, 404:1b
production of
copper **21**:397:1b
iron **2**:276:3b; **21**:369:2a
use in
agriculture **19**:109:1b
building construction **15**:326:1a
salvage materials **7**:931:2b
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slag cement (adhesive)
composition and use **3**:19:1b
Slagelse (Den.) **10**:871:1a
location *map* **17**:229
Slagle, Eleanor Clarke, *or* Eleanor Clarke (Am. soc. worker) **10**:871:1a
slaked lime (chem. compound): *see* calcium hydroxide
slalom (ski race) **10**:871:1a
event in
Alpine skiing **1**:295:2a
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introduction by Lunn **7**:565:3a
Olympic champions *list* **8**:939
slam dance (soc. dance)
development of Western dance **16**:970:1a
Slamat, Mount (mt., Indon.)
physiography of Jawa Tengah **6**:515:3b
Slammin' Sam (Am. athlete): *see* Snead, Samuel Jackson
"Slampamperliedjie" (poetic form by Leipoldt)
discussed in biography **7**:255:1a
slander (law)
major refs. in defamation **3**:956:1a
English tort law **28**:742:2b
Slaney, River (riv., Ire.) **10**:871:2a
location *map* **21**:954
slang (lang.) **10**:871:2a
major ref. in Language **22**:571:2b
English dictionaries **18**:282:2b
for a list of related subjects see PROPAEDIA: Section 514
"Slang and Its Analogues" (work by Farmer and Henley)
specialized dictionaries **18**:282:2b
Slankamen, Battle of (Tur. hist.)
defeat of Ahmed II **1**:166:3b
Slansky, Rudolf (Czech. Communist leader) **10**:872:1a
role in Czechoslovakian history **16**:927:1a
Soviet relations with the Communist bloc **27**:455:1a
slant-faced grasshopper, *or* Acridinae (insect)
classification and description **10**:761:1a
Slany (Czech.) **10**:872:1b
importance to Stredocesky **11**:313:3b
location *map* **16**:907
slap shot (sports)
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Spanish fly, *or* Lytta vesicatoria, *or* Cantharis vesicatoria (insect)
crinotoxic animals *table* **25:**928
description **2:**284:2b
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Spanish Fury (Flem. hist.)
role in history of the Low Countries **23:**325:2a
Spanish grass (bot.): *see* esparto
Spanish Guinea: *see* Equatorial Guinea
Spanish hogfish, *or* Bodianus rufus (fish)
feeding behaviour **14:**1020:1a
"Spanish Hour, The," *or* "L'Heure espagnole" (opera by Ravel)
description **24:**635:2a
Spanish ibex (mammal): *see* Pyrenean ibex
Spanish Imperial Riding School (school, Vienna, Aus.): *see* Spanish Riding School of Vienna
Spanish Inquisition (Sp. hist.)
major ref. in Inquisition **6:**328:3a
Alumbrado **1:**303:2b
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Ferdinand II **4:**734:1a
Marrano policy **7:**871:2a
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Spanish iris, *or* Iris xiphium (bot.)
description **6:**384:2b
"Spanish Islam," *or* "Histoire des musulmans d'Espagne, jusqu'à la conquête de l'Andalousie par les Almoravides, 711–1110" (work by Dozy)
discussed in biography **4:**206:3a
Spanish jasmine, *or* Catalonian jasmine, *or* Jasminum grandiflorum (bot.)

characteristics and uses **13:**703:2b
Spanish knot (carpet making)
description **17:**71:1a
Spanish lace (needlework) **11:**69:1b
for a list of related subjects see PROPAEDIA: Section 629
Spanish language, *or* Español **11:**69:2b
major ref. in Languages of the World **22:**644:1b
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Ladino language **7:**93:1a
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for a list of related subjects see PROPAEDIA: Section 514
see also Castilian; Galician; Ladino language; Mozarabic language
Spanish Legion (mil. org.)
description **7:**245:2b
Spanish lime, *or* Melicoccus bijugus (bot.) **11:**69:3a
Spanish literature 28:76:1a; **11:**69:3b
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for a list of related subjects see PROPAEDIA: Section 621
see also forms (*e.g.* copla); genres (*e.g.* cloak and sword drama; romancero); styles (*e.g.* novela Morisca; tremendismo); themes (*e.g.* moro-moro; point of honour); famous works (*e.g.* "Amadis of Gaul"; "Cantar de Mio Cid"); particular schools (*e.g.* Creacionismo; '98, Generation of); *and* individual authors by name, *e.g.,* Cervantes Saavedra, Miguel de; García Lorca, Federico
Spanish lobster (crustacean): *see* shovel lobster
Spanish lynx (mammal): *see* pardel lynx
Spanish mackerel, *or* seerfish, *or* Scomberomorus (fish genus)
description **7:**637:3a
Spanish Marriages, Affair of the (Eur. hist.) **11:**70:3a
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significance of Quadruple Alliance of 1834 **9:**837:3b
Spanish moss, *or* black moss, *or* long moss, *or* Tillandsia usneoides, *or* vegetable horsehair (bot.) **11:**70:3b
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for a list of related subjects see PROPAEDIA: Section 313
Spanish Netherlands 11:70:3b
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Belgium **2:**62:2b
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Spanish North Africa (reg., Mor.) **11:**71:1b
Spanish oak (bot.): *see* southern red oak
"Spanish Parnassus, The," *or* "El Parnaso español" (work by Palomino)
biography of Velázquez **29:**465:1a
Spanish Revolution (Sp. hist.)
major ref. in Italy **22:**227:2a
Spanish Riding School of Vienna, *or* Spanische Hofreitschule, *or* Spanische Reitschule Wien, *or* Spanish Imperial Riding School, *or* Imperial Spanish Riding School of Vienna (school, Vienna, Aus.) **11:**71:2a
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"Spanish Rogue, The," *or* "Guzmán de Alfarache" (work by Alemán)
discussed in biography **1:**235:2a
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Spanish Sahara (desert, Af.): *see* Western Sahara
Spanish Socialist Worker's Party, *or* Partido Socialista Obrero Español, *or* PSOE (pol. party, Sp.) **11:**71:2a
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Spanish Southern Morocco (reg., Mor.): *see* Tekla zone
Spanish State: *see* Spain
Spanish Steps, *or* Scala di Spagna, *or* Spanish Stairs (Rome, It.)
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Spanish Succession, War of the (Eur. hist.) **11:**71:2b
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Bourbon **15:**182:1b
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see also specific battles, *e.g.,* Blenheim, Battle of; specific treaties, *e.g.,* Utrecht, treaties of
Spanish Town, *or* Santiago de la Vega, *or* Villa de la Vega (Jam.) **11:**72:1a
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Spanish treasure fleet, *or* fleet system (Sp. hist.) **11:**72:1a
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Sparassis crispa (bot.): *see* cauliflower fungus
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Spark, Muriel Sarah (Br. writ.) **11:**72:1b
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"Sparkling Stone, The" (work by Ruysbroeck)
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Sparta, *or* Sparti, *or* Lacedaemon (anc. city, Gr.) **11:**73:1a
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Agesilaus II **1:**146:2b
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Liebknecht **7:**341:3b
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Spartakiada Stadium (stadium, Prague, Czech.)
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Spartina (plant): *see* cordgrass
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spasmodic torticollis (physiol.)
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Spasskaya Tower (tower, Moscow, U.S.S.R.): *see* Saviour Tower
Spassky, Boris Vasilyevich (Sov. Chess champion) **11:**73:3b
spastic cerebral palsy (path.)
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spastic colitis (path.)
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caused by motor tract damage **24:**806:1a
spat (biol.)
life cycle of oysters **9:**37:3a
Spatangoidea (echinoderm): *see* heart urchin
Spatangus purpureus (echinoderm)
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"Späte Krone" (work by Weinheber)
discussed in biography **12:**562:3a
Spathebothriidea (zool.)
taxonomy of Platyhelminthes **19:**300:2a
Spathian Stage (paleon.)
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Spathiphyllum (plant): *see* peace lily
Spathodea campanulata (bot.): *see* African tulip tree
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spatial disorientation (physiol.) **11:**74:1a
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spatial inertial reference equipment, *or* SPIRE (navigation)
invention by Draper **4:**214:3a
spatial learning (psychol.)
major ref. in Animal Learning **22:**877:1b
see also navigation; space perception
"Spatial Organization of the Economy, The" (work by Lösch)
contribution to economic geography **3:**30:1a
spatial perception: *see* space perception
spatial summation (neurophysiology)
major ref. in Sensory Reception **27:**183:1a
type of summation **11:**385:2a
spatter cone (geol.)
role in volcanic activity **29:**518:2a
type of lava cave **16:**727:2b
spatterdock (bot.): *see* yellow water lily
spatterware (pottery) **11:**74:1b
Spaulding, Gilbert R., *or* Gilbert R. Spalding (Am. circus impresario)
role in history of circus **16:**422:1b
Spaventa, George (sculp.)
contribution to sculpture **27:**110:2a
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"Spaziergänge in den Alpen" (work by Widmann)
discussed in biography **12:**648:2a
SPC (internat. org.): *see* South Pacific Commission
SPD (pol. party, Ger.): *see* Social Democratic Party of Germany
"Speak, Memory" (work by Nabokov)
discussed in biography **8:**474:3b
speakeasy (prohibition era)
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speaker (elec.): *see* loudspeaker
speaker of the House (U.S. govt.)
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spear (weapon) **11:**74:2a
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discussed in biography **9:**577:3b, *illus.* 578
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geographic habitat **14:**1048:2b
spear-nosed bat (mammal): *see* Phyllostomatidae
"Spear of Blood, The," *or* "Pfumo reropa" (novel by Chakaipa)
place in African literature **13:**129:1a
spear pyrites (min.): *see* marcasite
spear thrower, *or* throwing stick, *or* atlatl (weapon) **11:**74:2b
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spearfish, *or* Tetrapterus (fish) **11:**74:3a
for a list of related subjects see PROPAEDIA: Section 313
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Spearman, Charles Edward (Br. psychol.) **11:**75:1a
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for a list of related subjects see PROPAEDIA: Section 313
SPEBSQSA, Inc. (mus. assoc.): *see* Preservation and Encouragement of Barber Shop Quartet Singing in America, Society for the
SPEC (internat. org.): *see* South Pacific Bureau for Economic Co-operation
"Specchio di vera penitenza" (work by Passavanti)
place in Italian literature **22:**154:2a
Special Astrophysical Observatory in Zelenchukskaya (observatory, Zelenchukskaya, U.S.S.R.)
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use in special education **11:**76:1b
Special Committee on Antarctic Research, *or* Scientific Committee on Antarctic Research, *or* SCAR (internat. org.)
international research in Antarctica **13:**803:1a
Special Committee on Apartheid (UN)
human rights **29:**144:2b
special court-martial (mil.)
place in military law **3:**686:2a
special curve
major ref. in Geometry **19:**906:1a
Special Drawing Right, *or* SDR (fin.)
establishment by International Monetary Fund **6:**351:2b; **21:**847:2a, 850:2b
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blind students **2:**465:2b
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major ref. in Motion Pictures **24:**436:2a
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special faculty theory (educ.)
subject distinction in the humanities **6:**139:1a
Special Flying, School of (flight school, Gosport, U.K.)
development of flight training **29:**610:2b
special function (math.)
major ref. in Analysis in Mathematics **13:**496:1a
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special-interest group (pol.sci.): *see* interest group
special jury (law): *see* blue-ribbon jury
special linear group (math.)
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Positivist influences **25:**633:2a
Special Roads Act (Br. leg.)
roads network of United Kingdom **4:**636:2b; **26:**326:2a
special staff (mil. sci.)
contrast with general staff **5:**175:3b
special system (phys.)
thermodynamics **28:**628:1b, *illus.*
special theory, *or* special theory of relativity: *see* special relativity
Special United Nations Fund for Economic Development, *or* SUNFED
establishment and purpose **29:**144:1b
Special Yarns Corp. (Am. co.): *see* Textron, Inc.
speciality, principle of (law)
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major ref. in The Theory of Evolution **18:**873:2a
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Darwin **16:**978:1b
Dobzhansky **4:**144:1b
Wallace **12:**466:3a
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Specie Circular (U.S. hist.) **11:**76:3b
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"Species Muscorum Frondosorum" (work by Hedwig)
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"Species Plantarum" (work by Linnaeus)
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spotfin dragonet, *or* Callionymus agassizi (fish)
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"Statement of Fundamental Truths" (rel. document)
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static friction, coefficient of (phys.): *see* coefficient of static friction
static pressure (meteorol. and phys.)
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for lists of related subjects see PROPAEDIA: Sections 335; 421
see also parts and products of the stomach in humans (*e.g.* chyme; gastric gland; mucosal barrier; parietal cell; pylorus); stomachs of animals (*e.g.* gizzard; multi-chambered stomach); disorders of the stomach (*e.g.* gastritis; hiatal hernia; peptic ulcer) *and* treatment of stomach disorders (*e.g.* gastrectomy; gastric lavage)
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Stone, Sir Benjamin (Eng. phot.)
contribution to photography **25:**776:2a
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for a list of related subjects see PROPAEDIA: Section 821
"Stonehenge: Plans, Description, and Theories" (work by Petrie)
discussed in biography **9:**342:1a
Stoneman, Ernest (Am. mus.)
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"Stonemason's Yard, The" (paint. by Canaletto)
discussed in biography **2:**792:3b, *illus.*
stonemint: *see* Maryland dittany
"Stones of Venice, The" (work by Ruskin)
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English literature **18:**456:1b
Stone's River, Battle of, *or* Battle of Murfreesboro (Am. Civil War) **11:**288:2a
Stonesfield Slate (geol. formation, U.K.)
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stonewort, *or* Charophyceae (biol.) **11:**289:1a
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Stoney, George Johnstone (Irish phys.) **11:**289:1b
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Stonies (people): *see* Assiniboin
"Stoning of St. Stephen, The" (paint. by Fontana)
discussed in biography **4:**867:1b
Stonington (Conn., U.S.) **11:**289:1b
Stonington Island (isl., Antarc.) **11:**289:2a
Stony Brook (N.Y., U.S.) **11:**289:2a
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stony coral, *or* hard coral, *or* Madreporaria, *or* Scleractinia (zool.)
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Stony Hill (mt., Jam.)
features of Jamaica **29:**751:1b
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characteristics **8:**66:3a; **27:**597:2a
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Stony Point (N.Y., U.S.) **11:**289:2a
Stony Point Battlefield Reservation (park, Stony Point, N.Y., U.S.) feature of Stony Point **11:**289:2a
Stony Tunguska River (riv., U.S.S.R.): *see* Podkamennaya Tunguska River
Stonyhurst College (school, Cumbria, U.K.) **11:**289:2b
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stoop labour: *see* migrant labour
stop, *or* register, *or* draw-stop (mus.)
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discussed in biography **9:**869:2a
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stoping (min.) **11:**290:1a
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Storch, Nikolaus (Ger. rel. reformer)
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Storck, Josef von (art.)
design on Bohemian glass *illus.* **2:**326
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"Store, The" (sculp. by Oldenburg)
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"store fjende, Den" (work by Holm)
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Rookwood Pottery **17:**125:1a
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Storey, David Malcolm (Br. writ.) **11:**291:1b
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"storia, La" (work by Morante): *see* "History: A Novel"
"Storia della letteratura italiana" (work by De Sanctis): *see* "History of Italian Literature"
Storia della Scienza, Museo di, *or* Museum of the History of Science (museum, Florence, It.) **11:**291:2a
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"Storia fiorentina" (work by Villani): *see* "Cronica"
"storia italiana, Una" (work by Pratolini)
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"Storie fiorentine" (work by Guicciardini): *see* "History of Florence"
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Storm, Hans Theodor Woldsen (Ger. au.) **11:**292:1a
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"Storm at Sea, The" (paint. by Bruegel)
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Stormovik (Sov. aircraft): *see* Ilyushin Il-2
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Storni, Alfonsina (Arg. writ.) **11:**293:1a
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Storr, Paul (Br. goldsmith) **11:**293:1b
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Storrs, Sir Ronald (Br. dipl.)
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Stortorget (park, Malmö, Swed.)
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"Story of a Bad Boy" (work by Aldrich)
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"Story of a Country Town, The" (novel by Howe)
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"Story of a Great Monopoly, The" (article by Lloyd)
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"Story of a Humble Christian, The," *or* "L'avventura d'un povero cristiano" (work by Silone)
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"Story of a Life, The," *or* "Rasskaz zhizni" (work by Paustovsky)
discussed in biography **9:**212:3b
"Story of a Novel, The" (work by Wolfe)
discussed in biography **12:**729:1a
"Story of a Squad" (work by Barbusse): *see* "Feu; journal d'une escouade, Le"
"Story of Abelard's Adversities, The," *or* "Historia calamitatum" (autobiography by Abelard)
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"Story of Ahikar, The" (As. and bibl. lit.)
major ref. in Biblical Literature **14:**807:1b
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"Story of An African Farm, The" (work by Schreiner)
discussed in biography **10:**537:2a
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"Story of Christ, The," *or* "Storia di Cristo" (work by Papini)
discussed in biography **9:**129:2a
"Story of Civilization" (work by Will and Ariel Durant)
discussed in biography **4:**287:2b
"Story of Doctor Dolittle, The" (work by Lofting)
discussed in biography **7:**444:3b
"Story of England" (work by Mannyng)
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"Story of Esther" (paint. by Veronese)
discussed in biography **12:**327:1b
"Story of Philosophy, The" (work by Durant)
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"Story of Rimini, The" (work by Hunt)
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"Story of San Michele, The" (work by Munthe)
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"Story of Sinuhe, The" (Egy. work)
reign of Sesostris I **1:**323:1a; **10:**656:3b
"Story of the Amulet, The" (work by Nesbit)
discussed in biography **8:**610:2a
"Story of the Glittering Plain, The" (work by Crane)
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"Story of the Just Casper and Fair Annie, The," *or* "Geschichte vom braven Kasperl und dem schönen Annerl" (work by Brentano)
discussed in biography **2:**500:3b
"Story of the Malakand Field Force, The" (work by Churchill)
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"Story of the Seven Sages, The" (story cycle): *see* "Seven Wise Masters"
"Story of the Trapp Family Singers" (work by Trapp)
discussed in biography **11:**903:3a
"Story of Troilus, The" (work by Benoît de Sainte-Maure)
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"Story of Wen-Amon, The" (anc. Egy. text)
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"Storyteller, The" (work by Sillitoe)
discussed in biography **10:**812:2b
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Stoss, Veit, *or* Wit Stosz, *or* Wit Stowosz (Ger. sculp.) **11:**294:1a
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Stössel, Anatoly Mikhaylovich (Russ. gen.): *see* Stessel, Anatoly Mikhaylovich
Stosz, Wit (Ger. sculp.): *see* Stoss, Veit
Stothard, Thomas (Br. paint.) **11:**294:2a
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principal authors and works **27:**725:2a
Stöttrup, A. (Ger. engr.)
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style and development **29:**1060:2a, *illus.* 1061
Stoughton (Mass., U.S.) **11:**294:2a
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Shingle style architecture *illus.* **10:**743
Stour, River (riv., U.K.) **11:**294:2b
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Stourhead (estate, Wilts., U.K.)
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Stout, George Frederick (Br. philos. and psychol.) **11:**294:2b
Stout, Rex Todhunter (Am. au.) **11:**294:3a
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Stow, David (Br. educ.)
establishment of a normal school **28:**440:2b
Stow, John (Br. au.) **11:**295:1b
Stow, Julian Randolph (Austr. writ.) **11:**295:2a
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Stowe (estate, Bucks., U.K.) **11:**295:2b
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Stoyanov, Z. (Bulg. writ.)
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Egyptian religion **24:**67:1a
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Charles I **3:**112:3a; **29:**57:2b
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"Strange Case of Dr. Jekyll and Mr. Hyde" (work by Stevenson)
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"Strange Fugitive" (work by Callaghan)
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"Theatre and Its Double, The," *or* "Le Théâtre et son double" (work by Artaud)
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Theatre of Cruelty **3:**763:2a
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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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theatrical illusion (art principle): *see* mimesis
theatrical music: *see* music
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see also elements of and participants in theatrical production (*e.g.* acting; directing; Misrule, Lord of); traditional forms of Western theatre (*e.g.* commedia dell'arte; improvisation; liturgical drama; mime and pantomime; musical; opera; puppetry); non-dramatic forms of Western theatrical production (*e.g.* cabaret; circus; conjuring; masque; vaudeville); *and* traditional elements and forms of non-Western theatre (*e.g.* kabuki; Ketoprak; meddah; schabi; tamasha)
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"Theatrum instrumentorum" (work by Besson)
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"Théorie élémentaire de la botanique" (work by Candolle)
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"Theory and Measurement of Demand, The" (book by Henry)
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"Theory of Culture Change: The Methodology of Multilinear Evolution" (work by Steward)
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"Theory of Games and Economic Behavior" (work by Morgenstern and von Neumann)
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"Theory of Political Economy" (work by Jevons)
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"Theory of Social Revolutions, The" (work by Adams)
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"Theory of Vision, or Visual Language . . . Vindicated and Explained, The" (book by Berkeley)
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Toulouse, Louis-Alexandre de Bourbon, comte de (Fr. adm. gen.) **11**:868:3a
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cabaret **2**:702:2b
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Tour, Charles Cagniard de La (Fr. engin.): *see* Cagniard de La Tour, Charles
Tour, Charles Turgis de Saint-Etienne de La (gov. of Acadia): *see* La Tour, Charles Turgis de Saint-Etienne de
Tour, Jean de la (Fr. paint.)
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Tour . . . (towers): *see under* substantive word, *e.g.,* Magne, Tour, except as below
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Haiti **12**:593:3a; **29**:749:1b
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Towada-ko (l., Japan) **11**:875:3a
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"Toward a Foundation of Psychophysics" (work by Müller)
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discussed in biography **7**:911:2a
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discussed in biography **23**:574:2b
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"Towards a New Architecture," *or* "Vers une architecture" (work by Corbusier)
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"Towards the Last Spike" (work by Pratt)
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for a list of related subjects see PROPAEDIA: Section 626
see also particular towers by name, *e.g.,* London, Tower of
tower (headdress): *see* fontange

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discussed in biography **12:**830:2b
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Tower of . . . : *see under* substantive word, *e.g.,* Babel, Tower of, except as below
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discussed in biography **2:**801:2b
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"Tower of the Rising Clouds" (work by Mi Fei)
discussed in biography **8:**88:2b
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France **19:**470:1b
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Town Hall, *or* Stadhuis (bldg., Antwerp, Belg.)
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for a list of related subjects see PROPAEDIA: Section 542
Town of Proctor's (Md., U.S.): *see* Annapolis
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Town Planning Associates (Am. co.)
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Towne, Laura Matilda (Am. educ.) **11:**876:2b
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Town's College (univ., Edinburgh, U.K.): *see* Edinburgh, University of
Townsend, Francis E. (Am. pol.)
role in U.S. history **29:**256:2a
Townsend, Job (Am. cabinetmaker)
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Townsend family (Am. cabinetmakers) **11:**876:3a
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American colonial history **29:**210:1b
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Adams, John **1:**83:2a
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George I **5:**194:1b
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for lists of related subjects see PROPAEDIA: Sections 122; 321
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for a list of related subjects see PROPAEDIA: Section 313
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for a list of related subjects see PROPAEDIA: Section 353
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Toxotes jaculator, *or* Toxotes jaculatrix (fish)
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"Travels Amongst the Great Andes of Ecuador" (work by Whymper)
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"Travels and Adventures of Benjamin the Third, The," *or* "Kitsur massous Binyomin hashlishi" (work by Mendele Mokher Sefarim)
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"Travels from St. Petersburg in Russia to Various Parts of Asia" (work by Bell)
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"Travels in Arabia Deserta" (work by Doughty)
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"Travels in the Congo," *or* "Voyage au Congo" (work by Gide)
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"Travels into Several Remote Nations of the World" (work by Swift): *see* "Gulliver's Travels"
"Travels of Ibn Battuta, The," *or* "Rihlah" (work by Ibn Battutah)
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"Travels of Ibn Jubayr, The," *or* "Rihlah" (work by Ibn Jubayr)
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"Travels of Sir John Mandeville, The" (work by Mandeville): *see* "Voyage and Travels of Sir John Mandeville, Knight, The"
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Trease, Geoffrey (Eng. au.)
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"Treasure Island" (novel by Stevenson)
discussed in biography **11:**262:3b
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Treasury Relief Art Project, *or* TRAP (U.S. fed. arts project) **11:**906:2b
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"Treatise Concerning Eternal and Immutable Morality, A" (work by Cudworth)
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"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)
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"Treatise of Fluxions" (work 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)
discussed in biography **10:**143:2b
"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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"Treatise on Comparative Embryology, A" (work by Balfour)
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"Treatise on Constitutional Law", *or* "Traité de droit Constitutionnel" (work by Duguit)
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"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)
discussed in biography **6:**180:3a
"Treatise on Man and the Development of His Faculties, A," *or* "Physique sociale," *or* "Sur l'homme" (work by Quetelet)
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"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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discussed in biography **22:**965:1a
"Treatise on Painting, A," *or* "Il libro dell'arte" (work by Cennini)
influence on Renoir **9:**1029:2a
"Treatise on Poisons" (work by Orfila)
discussion of poisonous animals and plants **25:**920:2b
"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," *or* "Wigmore on Evidence" (work by Wigmore)
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"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)
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"Treatise on the Diagnosis and Treatment of Diseases of the

Chest, A" (work by Stokes)
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"Treatise on the Fundamental Principles of Violin Playing, A," *or* "Versuch einer gründlichen Violinschule" (work by Leopold Mozart)
discussed in biography **8:**385:2a
"Treatise on the Improvement of Canal Navigation" (work by Fulton)
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"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 Projective Properties of Figures," *or* "Traité des propriétés projectives des figures" (work by Poncelet)
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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 Landscape Gardening, Adapted to North America, A" (work by Downing)
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"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)
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"Treatise on Tolerance" (work by Bulgaris)
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Treaty of . . ., *or* Treaty on . . . : *see under* substantive word, *e.g.,* Versailles, Treaty of
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Valera, Eamon de (pres. of Ire.): *see* de Valera, Eamon
Valera y Alcalá Galiano, Juan (Sp. novelist) **12:**244:1a
contribution to Spanish literature **28:**80:2b
Valeri, Nino (It. hist.)
Renaissance politics in Italy **22:**216:2b
Valeri, Valerio (papal nuncio to Fr.)
predecessor to John XXIII **6:**575:2a
Valeria, Via (Roman road)
Roman road system **10:**154:2a, *illus.*
Valerian, *or* Publius Licinius Valerianus (Roman emp.) **12:**244:1a
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Sasanian Iran **21:**883:2a
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valerian (biochem.)
source from Dipsacales **4:**116:2a
Valeriana (bot.)
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Valerianaceae, *or* Valerian family (bot.) **12:**244:1b
characteristics of Dipsacales **4:**116:1b
for a list of related subjects see PROPAEDIA: Section 313
Valerianella (bot.)
description **12:**244:2a
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Valerii, tomb of the (tomb, St. Peters Basilica, It.)
stuccowork **27:**79:1b
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Valerius Flaccus, Gaius (Roman poet) **12:**244:2b
Valerius Licinianus Licinius (Roman emp.): *see* Licinius
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Valesii (rel. sect)
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Valetta (Malta): *see* Valletta
Valette, Jean Parisot de la (grand master of the Hospitallers)
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philosophy of science **25**:664:1a
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valiy-e faqih (Iran. rel. offi.)
government of Iran **6**:375:2b; **21**:860:2b
Valkeakoski (Fin.) **12**:246:1b
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Valkyrie, *or* Valkyrja, *or* Walkyrie (Norse myth.) **12**:246:1b
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Valla, Lorenzo, *or* Laurentius Vallensis (It. humanist) **12**:246:1b
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Christian Humanism **18**:652:1b
Epicureanism **25**:575:1a
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Vallabhacarya, *or* pustimarga (Hindu sect) **12**:247:1a
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Valladolid, *or* Belad Ulid (Sp.) **12**:247:2a
Valladolid, University of, *or* Universidad de Valladolid (univ., Valladolid, Sp.) **12**:247:2b
medieval university **18**:22:1b
Valladolid de Santa María de Comayagua (Hond.): *see* Comayagua
Vallala Sena (Bengal ruler)
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Vallandigham, Clement Laird (Am. pol.) **12**:247:2b
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Vallathol (Indian writ.)
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Valle, Federico Della (It. poet): *see* Della Valle, Federico
Valle, Filippo (art.)
portrait of Innocent XII *illus.* **6**:325
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Valle, Pietro della (It. traveler and writ.) **12**:247:3b
contribution to Italian literature **22**:157:1a
description of Mesopotamian site **21**:908:2a
procurement of Samaritan Pentateuch **14**:761:1a
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Valle Central, *or* Candelaria Highland, *or* Meseta Central (val., C.R.) **12**:248:1a
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Valle Crucis Abbey (abbey, U.K.)
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Valle d'Aosta (reg., It.) **12**:248:1b
Romance language development **22**:639:2b
Valle de la Pascua (Venez.) **12**:248:2a
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Valle de Ordesa, Parque Nacional del, *or* Parque Nacional del Río Ara (park, Sp.)
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Valle del Cauca (dept., Colom.) **12**:248:2a
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Valle del General (val., C.R.)
physiography of Costa Rica **15**:686:1b
Valle-Inclán, Ramón María del (Sp. writ.) **12**:248:2b
association with Generation of '98 **8**:716:3b
contribution to Spanish literature **23**:143:1a; **28**:82:1a
Valle y Caviedes, Juan del (Peruvian writ.)
contribution to Latin-American literature **22**:844:2a
Valledupar (Colom.) **12**:248:3a
location *map* **16**:573
Vallee, Rudy, *or* Hubert Prior Vallée (Am. singer) **12**:248:3a
Vallée-Poussin, Charles Jean de la (Fr. math.)
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Vallejo (Calif., U.S.) **12**:248:3b
Vallejo, César Abraham (Peruvian poet) **12**:248:3b
contribution to Latin-American literature **22**:846:2b
Vallejo, Mariano Guadalupe (Mex. gen.)
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Sonoma **11**:14:2b
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Vallensis, Laurentius (It. humanist): *see* Valla, Lorenzo
Valleran-Lecomte (Fr. thea. co.)
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Valles, *or* Montañas (reg., Bol.)
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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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crustal folding processes **17**:606:2a
Pleistocene Epoch glaciation **19**:864:1a
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for a list of related subjects see PROPAEDIA: Section 232
see also Altiplano; canyon; dry valley; glacial valley; gorge; quebrada; ramp valley; ravine; rift valley; river terrace; Sohlenkerbtal; stream valley
valley, lily of the (plant): *see* lily of the valley
valley breeze (meteorol.)
production of currents **2**:496:1a
Valley City (N.Dak., U.S.) **12**:249:3b
"Valley Curtain" (work by Christo)
environmental sculpture **4**:512:2a
valley fever (path.): *see* coccidioidomycosis
Valley Forge (U.S. hist.) **12**:250:1a
American Revolution **12**:161:1a; **29**:213:2b
Washington **29**:703:2b
valley glacier: *see* mountain glacier
valley Lao (people): *see* Lao-Lu
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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Valley Temple (temple, Giza, Egy.)
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Valleyfield (Que., Can.): *see* Salaberry-de-Valleyfield
Valli, Romolo (It. act.) **12**:250:1b
Vallière, Louise-Françoise de La Baume le Blanc, duchesse de La (Fr. mistress): *see* La Vallière, Louise-Françoise de La Baume, duchesse de
Vallin de la Mothe, Jean-Baptiste M. (Fr. arch.): *see* Mothe, Jean-Baptiste M. Vallin
Vallingby (Swed.)
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Vallis Marineris (rift, Mars)
description **7**:873:3a
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Vallisneria spiralis (plant)
description **4**:383:3a; *illus.* **6**:190
Vallombrosa (It.) **12**:250:1b
Valmarana, Palazzo (palace, Vicenza, It.)
design by Palladio **9**:87:2b
Valmiki (Hindu sage)
"Ramayana" **20**:535:1a; **27**:723:1b
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Indian theatre **27**:755:2b
Valmy, Battle of (Eur. hist.)
effect on French Revolution **4**:979:3a; **18**:673:1b, *map* 674
Valmy, François-Christophe Kellerman, duc de (Fr. gen.): *see* Kellermann, François-Christophe, duke de Valmy
Valois (reg., Fr.) **12**:250:2a
Valois, George (Fr. pol.)
advocacy of fascism **27**:468:1a
Valois, Ninette de (Irish dancer): *see* de Valois, Dame Ninette
Valois dynasty (Fr. dynasty) **12**:250:2b
major ref. in France **19**:472:2a
association with
Bourbon dynasty **15**:179:2a
Capetian dynasty **2**:829:1b
Joan of Arc **22**:377:2b
John the Fearless **6**:568:1a
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France **4**:920:1b
Hundred Years' War **6**:149:2a
Renaissance **18**:651:1a
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opposition by Richemont **10**:52:1b
relationship with Francis I of France **4**:923:3b
Valona (Alb.): *see* Vlorë
"Valor of Ignorance, The" (work by Lea)
discussed in biography **7**:217:2b
"Valosag" (Hung. lit. period.)
established by Jozsef **6**:631:3b
Valparaíso (reg., Chile) **12**:250:3b
location *map* **16**:23
Valparaíso (Chile) **12**:251:1a
location *map* **16**:23
significance in Chile **16**:25:1b
passim to 30:1a
Valparaiso, *or* Portersville (Ind., U.S.) **12**:251:2a
"Valpinçon Bather" (paint. by Ingres)
history of Romanticism **25**:379:1b, *illus.* Plate 19 fol. 378
Valsad, *or* Bulsar (India) **12**:251:2a
Valsalva, Antonio Maria (It. anat.)
study of eustachian tube **27**:205:1b
Valsalva, sinus of (anat.): *see* aortic sinus
Valsbaai (bay, S.Af.): *see* False Bay
Valsequillo (archae. site, Mex.)
pre-Columbian remains **26**:3:2b, *map* 3
"Valsolda" (poetry by Fogazzaro)
discussed in biography **4**:857:3b
Valtellina, *or* Veltlin (val., It.) **12**:251:2b
foreign policies of Richelieu **10**:50:3b
see also Adda River
Valturio, Robert (inv.)
history of automotive technology **28**:771:2b
valuation (econ.): *see* assessment; cost accounting; value
valuation (math.)
major ref. in Algebra **13**:289:2b
"Valuation, Its Nature and Laws" (work by Urban)
treatment of axiology **1**:746:3a
value (colour theory): *see* purity
value, *or* valuation (econ.)
major ref. in Economic Theory **17**:914:1b
accounting **13**:3:2a
advertising and consumption **23**:551:1a
Austrian school of economics **1**:721:1a
capital theory **17**:928:2a
communist economy **17**:894:2a
economics **27**:393:1b
government spending evaluation **20**:151:1b, 163:1a
Marxism **23**:578:2b *passim to* 581:1a
money **8**:252:3a
property tax **28**:425:1b, 429:1b
see also appreciation; depreciation; labour theory of value; parity; place-time value; present value; price
value (philos.)
comparison with attitude **1**:687:3b
effect on
collective behaviour **16**:561:2b, 564:1a, 565:1b
public opinion **26**:312:1b
sociological research **27**:386:1b
philosophical definition **1**:746:3a
view of
Logical Positivism **25**:758:1a
Nietzsche **24**:897:2b
philosophical anthropology **25**:556:2b
value, labour theory of (econ.): *see* labour theory of value
value, theory of: *see* axiology
value-added margin (econ.)
tariffs **21**:829:1a
value-added tax, *or* VAT **12**:251:3a
European tax systems **20**:153:2b
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 Creation Learning Society (Kor. rel.): *see* Ch'angga Hakhoe
value engineering (indus. engin.) business management **21:**227:2b
valvassore (It. soc. group) policies of Conrad II **3:**546:1b
valve (anat.) **12:**251:3b
circulatory system **16:**379:1a *passim to* 398:1b
for a list of related subjects see PROPAEDIA: Section 336
valve (electronics): *see* electron tube
valve (mech.) **12:**252:1a
gasoline engines **18:**350:1a, 353:2b; **28:**778:1a
pneumatic devices **9:**533:3b
steam engines **18:**336:1b
valve (mus.) **12:**252:2b
brass instruments **24:**508:2b, 541:1b
bugle **2:**612:1a
French horns **4:**975:2b
wind instruments **24:**688:1a
for a list of related subjects see PROPAEDIA: Section 624
valve of Houston (anat.): *see* Houston's valve
valve of Kerckring (anat.): *see* plica circularis
valve timing (engin.) internal-combustion engines **18:**354:1b
valve trumpet (mus. instru.) history of trumpet **12:**5:3b
valved bugle (mus. instru.): *see* flügelhorn
Valverde (prov., Dom. Rep.) **12:**252:3a
Vamacara (Tantrist sect) Hindu Tantrism **20:**543:1a
Vamana (Hindu myth.) **12:**252:3a
Laksmi **7:**111:3a
Vishnu *illus.* **20:**556
for a list of related subjects see PROPAEDIA: Section 823
vampire (folk leg.) **12:**253:1a
place in Slavic religion **18:**784:1a

*"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).*

vampire bat, *or* Desmodontidae (mammal) **12:**253:1b
characteristics **1:**952:1a
infectious animal diseases **23:**414:1a, *illus.* 413
for a list of related subjects see PROPAEDIA: Section 313
Vampyromorpha (cephalopod order) characteristics **24:**332:1b
Vampyrum spectrum (bat): *see* American false vampire bat
"Vamsa Bhaskara" (work by Misrama) Rajasthani literature **27:**737:1a
van (in proper names): *see* below; *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
largest lakes *table* **7:**107
lava-encircled lakes in Asia **14:**175:1b
physiography of Turkey **28:**891:2a
van Aelst, Pieter Coecke (Belg. weaver): *see* Aelst, Pieter van
Van Alen, William (arch.) Chrysler Building **3:**290:3a, *illus.* **10:**870
Van Allen, James Alfred (Am. phys.) **12:**253:3b
discovery of radiation belts **12:**254:1a
study of atmospheric sciences **17:**626:1b
Van Allen radiation belt 12:254:1a
major ref. in Atmosphere **14:**327:2b
discovery **19:**56:2b
Explorer 1 **4:**634:2a
International Geophysical Year **6:**350:1a
Van Allen **12:**253:3b
planetary magnetic fields
Earth **4:**321:1a; **17:**584:2b *passim to* 591:1a
Jupiter **6:**658:3b
Saturn **10:**469:2b
Uranus **12:**196:3b
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:**629:2b
Van Brunt, Henry (Am. arch.) contribution to Gothic Revival **13:**979:1b
Van Buren (Ark., U.S.) **12:**254:2a
Van Buren, Martin (pres. of U.S.) **12:**254:2a
association with Jackson **6:**456:2a
Eaton's influence **4:**340:2a
presidents *table* **12:**153
role in Free Soil Party **4:**964:3a
Van Buren, Paul (Am. theol.) role in Death of God movement **3:**942:1a
Van Cleef & Arpels (Fr. co.) significance in jewelry making **17:**517:2b
Van Cortland, Stephanus (Am. pol.) **12:**254:3b
van de (in proper names): *see under* substantive part of name, *e.g.,* Velde, Esaias van de, except as below
Van de Graaff, Robert Jemison (Am. phys. and inv.) **12:**255:1a
development of particle accelerators **25:**450:1a
Van de Graaf generator **18:**169:2b
Van de Graaff generator (instru.) *major ref. in* Particle Accelerators **25:**450:2b, *illus.* 451
electromotive force **18:**169:2b, *illus.* 170
work of Van de Graaff **12:**255:1a
van de Kamp, Peter (astron.) stellar density **19:**626:1b
Van Deman, Esther Boise (Am. archae.) **12:**255:1b
Van Deman, Ralph Henry (U.S. gen.) **12:**255:2a
van den Bergh, Sidney (astron.) classification of galaxies **19:**615:1b
Van den Bergh family (Du. fam.) Unilever company **12:**132:2a
Van den Berghe, Pierre L. (Am. sociol.) sociobiological theory for family study **19:**69:2b
"Van den vos Reinaerde" (work by Willem) discussed in biography **12:**665:3b
Dutch literature **17:**566:1b
Van Depoele, Charles Joseph (Am. inv.) **12:**255:3a
van der (in proper names): *see under* substantive part of name, *e.g.,* Weyden, Rogier van der, except as below
van der Hoeve syndrome (path.) symptoms **8:**1034:1a
Van der Kloof Canals (canals, S.Af.) Orange River **13:**111:2b
Van der Pol's equation, *or* Van der Pol's differential equation (math.) *major ref. in* Analysis in Mathematics **13:**490:2b
application of differential equations **13:**469:2b
van der Waals forces (chem. and phys.) **12:**255:3a
atomic structure determination **14:**345:2b
chemical bonding **23:**647:1b; **24:**300:2a
chemical requirements for life **22:**997:1a
occurrences
gases **23:**697:2b
inorganic compounds **15:**754:1b
minerals **24:**127:2b, *illus.* 129
thermodynamics **28:**622:1a
for a list of related subjects see PROPAEDIA: Section 122
Van Devanter, Willis (U.S. jur.) **12:**256:1a
justices of the Supreme Court *list* **11:**405
Van Diemen Gulf (gulf, Austr.) **12:**256:1a
Van Diemen's Land (hist. colony, Tas., Austr.) **12:**256:1b
history of Tasmania **14:**460:1b
leadership of
Arthur **1:**603:2a
Oxley **9:**34:3a
see also Tasmania
Van Diemen's Land Folk Museum (Tas., Austr.) description **14:**463:2a
Van Doren, Carl Clinton (Am. crit.) **12:**256:2a
Van Doren, Mark (Am. writ.) **12:**256:3a
van Drebel, Cornelius (Du. inv.): *see* Drebbel, Cornelis Jacobszoon
Van Dyck, Sir Anthony, *or* Anthonie Vandyke (Flem. paint.) **12:**256:3b
contribution to
Baroque art **25:**370:2b, *illus.* Plate 15 fol. 378
Stuart style **11:**330:2a
history of printmaking **26:**127:1b
influence on
Dobson **4:**143:2b
Gainsborough **5:**76:2a
Lely **7:**259:1a
Reynolds **10:**13:2b
portrait of
Bristol *illus.* **2:**525
Buckingham *illus.* **2:**599
Charles I **3:**112:1b, *illus.*
Hamilton *illus.* **5:**659
Henderson *illus.* **5:**829
Killigrew *illus.* **6:**862
Laud *illus.* **7:**187
Wallenstein *illus.* **12:**470
Wentworth *illus.* **11:**298
training by Rubens **4:**829:1b
Van Dyke, Henry (Am. writ.) **12:**258:2b
van Gogh, Vincent (Du. paint.): *see* Gogh, Vincent Willem van
Van Golu (l., Tur.): *see* Van, Lake
Van Hise, Charles Richard (Am. geol.) **12:**258:2b
Van Horne, Sir William Cornelius (Can. ry. exec.) **12:**258:3a
Van Lang (leg. Viet. king.) founding by Hung Vuong **6:**152:2b
history of Vietnam **27:**867:2a
Van Loo, Charles-André, *or* Carle Vanloo (Fr. paint.) **12:**258:3a
portrait of Saint-Simon *illus.* **10:**335
Van Loo, J.-B. (paint.) portrait of Cibber *illus.* **3:**312
Van Loo, Louis-Michel (Fr. paint.) portrait of
Choiseul *illus.* **3:**257
Diderot *illus.* **4:**80
Marivaux *illus.* **7:**856
van Maanen, Adrian (Am. astron.) mismeasure of Milky Way Galaxy **19:**613:1a
van Nelle tobacco factory (bldg., Rotterdam, Neth.) design by Brinkman **2:**521:1b
"Van Nu en Straks" (Flem. period.) contribution by Buysse **2:**691:1b
Flemish literature **2:**60:3a; **14:**726:1a
Van Nu en Straks circle **12:**258:3b
Van Nu en Straks circle (lit.) **12:**258:3b
Flemish literature **14:**726:1a
"Van oude en nieuwe Christenen" (work by Braak) discussed in biography **2:**449:1b
"Van oude menschen, de dingen die voorbijgaan" (work by Couperus): *see* "Old People and the Things That Pass"
Van Reede, Godard, 1st earl of Athlone (Du. soldier): *see* Athlone, Godard van Reede, 1st earl of, Baron of Aghrim, Heer van Ginkel
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"Vom Kriege" (work by Clausewitz): *see* "On War"
"Vom Musikalisch-Schönen" (work by Hanslick): *see* "Beautiful in Music, The"
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WCEU: *see* World Christian Endeavor Union
WCFA (Prot. org.) *see* World's Christian Fundamentals Association
Wchinitz und Tettau, Gräfin Kinsky, von (Ger. au.): *see* Suttner, Bertha, Freifrau von
WCL: *see* World Confederation of Labour
WCT (internat. sports org.): *see* World Championship Tennis
WCTU: *see* Woman's Christian Temperance Union
WDR (radio station, Cologne, Ger.): *see* Westdeutscher Rundfunk
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"We Barrymores" (work by Barrymore)
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Christianity **16:**349:1b
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see also consumption; distribution theory; income; national economy; poverty; standard of living; subsidy; taxation
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