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

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

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

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

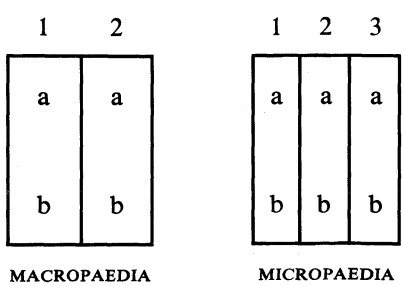
At the top of the outside column of each page of the INDEX is a key word or heading that identifies, on the left-hand page, the first entry or, on the right-hand page, the last entry. These enable readers to find more readily the subjects included on the two pages. Readers are also urged to study the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

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

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

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

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



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

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

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

for a list of related subjects see
PROPAEDIA: Section 421

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

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

see BRITANNICA WORLD DATA for
statistical information.

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

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

Following is a set of examples:

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

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

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

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

Eight Immortals
1812, War of
Eighteenth Amendment
Eightfold Path

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

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

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

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

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

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

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

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

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

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

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

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

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

Abbreviations Used in the INDEX

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

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

A

" . . . & Company," *or* ". . . et Cie" (work by Bloch)
discussed in biography **2:**286:1a
"A, Operation" (Japanese strategy)
history of World War II **29:**1035:1b
"A II" (paint. by Moholy-Nagy)
depiction in biography *illus.* **8:**225
A-1 (Sov. rocket)
propulsion **19:**48:1a
A-1 Skyraider (airplane)
design of attack aircraft **1:**684:1b
A-4 (Ger. missile): *see* V-2
A-4 Skyhawk (airplane)
design of attack aircraft **1:**684:1b
A-6 Intruder (airplane)
design of attack aircraft **1:**684:1b
A-7 Corsair II (airplane)
design of attack aircraft **1:**684:1b
A-10A (airplane)
design of attack aircraft **1:**684:2a
A-26, *or* B-26, *or* B-26 Invader (airplane)
design of attack aircraft **1:**684:1b
a-ak (E.Asian mus.): *see* gagaku
A band (physiol.)
structure of myofilament **24:**463:2b, 470:1a
"À bout de souffle" (film): *see* "Breathless"
a cappella (vocal mus.) **1:**1:1a
A cell (biol.)
function in insect nervous system **24:**794:2b
a-che-lha-mo (Buddhist morality play)
place in Central Asian drama **3:**27:1a; **15:**737:1a, 739:1a
A-ch'eng, *or* Acheng, *or* Ashihho (China) **1:**1:1a
a contrario (argument)
techniques of rhetoric **26:**809:1a
A current (biol.)
function in neuron transmission **24:**788:1a
A-effect (dramatic theory): *see* alienation effect
A-erh-chin Mountains, *or* A-erh-chin Shan, *or* A-erh-chin Shan-mo, *or* Altun Shan, *or* Altyn Tagh, *or* Astin Tagh, *or* Altay Shan (mts., China) **1:**1:1b
geography
Kunlun Mountains **14:**242:1b
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A Fang Kung (Chin. palace): *see* O Pang Kung
a fortiori (argument)
techniques of rhetoric **26:**809:1a
A-frame level (tool)
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a-hydroxypropionic acid (chem.): *see* lactic acid
A-k'o-su Ho (riv., China)
physiography of Tarim River **11:**562:2b
A-ku-ta (Chin. leader): *see* T'ai Tsu
A-kuei, *or* Agui (Chin. gen.) **1:**1:1b
"A la Recherche de Marcel Proust" (work by Maurois): *see* "Quest for Proust, The"
"A la recherche du temps perdu" (novel by Proust): *see* "Remembrance of Things Past"
"A la recherche d'une musique concrète" (book by Schaeffer)
discussed in biography **10:**507:2a
A-la-shan-yu Ch'i (banner, China)
association with Kansu **16:**222:1a
"A la vejez, viruelas" (work by Bretón de los Herreros)
discussed in biography **2:**504:3a
A-lo-pen (Pers. bp.)
mission to China **6:**95:2b; **16:**355:1b
"A l'ombre des jeunes filles en fleurs" (work by Proust): *see* "Within a Budding Grove"
A-mdo, *or* Mdo-smad (reg., China) **1:**1:2a
geography of Tibet **16:**207:2a
A. Murray MacKay Bridge (bridge, N.S., Can.)
length **3:**892:3b
A-N transmitting station (aerial navig.)
description **9:**890:2a
A-ni-ma-ch'ing Shan (mts., China): *see* Amne Machin
"A nous la liberté!" (film by Clair): *see* "Liberty for Us!"
A-pa Tibetan Autonomous Prefecture (aut.area, China)
place in Szechwan **16:**202:2a
A-pao-chi, *or* Abaoji, *or* Liao T'ai Tsu, *or* Liao Tai Zu (emp. of Liao dynasty) **1:**1:2a
attitude towards polo **9:**570:3b
conquest of northern China **28:**1085:2b
a pari (argument)
techniques of rhetoric **26:**809:1a
"A-p'i-ta-mo chü-she lun" (work by Vasubandhu): *see* "Abhidharmakosa"
a posteriori knowledge
major ref. in a priori knowledge **1:**1:2b
a priori knowledge 1:1:2b
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economic analysis **27:**396:1b
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"A rebours" (work by Huysmans): *see* "Against the Grain"
A-scope presentation (radar display)
use in radar **23:**764:2b
"A Silvia" (work by Leopardi)
discussed in biography **7:**282:3a
A site (biochem.): *see* aminoacyl-acceptor site
"A Town Like Alice" (work by Shute)
discussed in biography **10:**773:1b
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A-type star (astron.)
Harvard classification system **5:**732:2a
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A-tz'u-k'o Hu, *or* Achchik Köl (l., As.)
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A-V node (anat.): *see* atrioventricular node
A-ya-ko-k'u-mu Hu, *or* Aiag Kum Kul' (l., As.)
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A&P (Am. corp.): *see* Great Atlantic & Pacific Tea Company, Inc.
A.11 (Br. tank)
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A320 (aircraft)
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aa (lava)
basaltic composition **24:**213:1b
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AA (org.): *see* Alcoholics Anonymous
AA (Br. org.): *see* Automobile Association
AAA (Am. hist.): *see* Agricultural Adjustment Administration
AAA (Am. org.): *see* American Automobile Club
AAA (Am. sports org.): *see* Amateur Athletic Association
AAA (Arg. pol. org.): *see* Argentine Anti-Communist Alliance
Aabenraa (Den.): *see* Åbenrå
AAC (Br. sports org.): *see* Amateur Athletic Club
Aachen, *or* Aken, *or* Aix-la-Chapelle, *or* Aquisgranum (W.Ger.) **1:**1:3b
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Carolingian empire partition **7:**504:3b
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Aachen, Hans von (Du. engr.)
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Aachen, Johann von (Ger. paint.)
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Aachen, Treaty of (1748)
impact on Italian history **22:**220:2b
"AACR2" (library sci.): *see* "Anglo-American Cataloguing Rules"
AAFC (Am. sports org.): *see* All America Football Conference
Aaiún (Mor.): *see* El Aaiún
Aakjær, Jeppe (Dan. au.) **1:**2:2a
contribution to Danish literature **27:**19:2b
Aalborg (Den): *see* Ålborg
Aalen (W.Ger.) **1:**2:2a
Aalenian Stage (geol.)
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"Aankh ka Nasha" (play by Agha Hashr)
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Aar Massif (Mt., Switz.): *see* Aare Massif
Aar River (riv., Eur.): *see* Aare River
Aarau (Switz.) **1:**3:3b
aardvark, *or* African ant bear, *or* Orycteropus afer, *or* Tubulidentata (mammal) **1:**3:3b
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aardwolf, *or* gray jackal, *or* maned jackal, *or* Proteles cristatus (mammal) **1:**4:1a
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Aare Massif, *or* Aar Massif (mt., Switz.)
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Aare River, *or* Aar River (riv., Eur.) **1:**4:1b
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Aarestrup, Emil (Dan. au.)
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Aarhus (Den.): *see* Århus
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Aaron, Hank, *or* Henry Louis Aaron (Am. athlete) **1:**5:2b
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Aaron ben Elijah (Jewish theol.) **1:**5:3a
Aaron ben Meir (Jewish schol.)
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Aaron ben Moses ben Asher (Jewish schol.)
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Aaronic benediction (rel.)
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Aaronic priesthood (Mormonism)
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Aaron's-beard, *or* Hypericum calycinum, *or* rose of Sharon (bot.)
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AATUF (Af. labour org.): *see* All-African Trade Union Federation
AAU (Am. sports org.): *see* Amateur Athletic Union of the United States
AAUP (Am. org.): *see* American Association of University Professors
AAWU (Am. athletic org.): *see* Athletic Association of Western Universities
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Arabian dress **17:**445:2a
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ABA (Am. sports org.): *see* American Basketball Association
ABA (Br. org.): *see* Amateur Boxing Association
ABA (legal org.): *see* American Bar Association
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Abadie, Paul (Fr. arch.)
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Abaelardus, Petrus (Fr. theol. and poet): *see* Abelard, Peter
Abaha (people): *see* Ha
Abahai, *or* T'ien-ts'ung, *or* Ch'ung-te (emp. of China) **1:**7:1b
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Abaiang Atoll, *or* Apaiang, *or* Apia, *or* Charlotte Island (is., Kiri.) **1:**7:2a
Abailard, Pierre (Fr. theol. and poet): *see* Abelard, Peter
Abaj Takalik (archae. site, Guat.)
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Abako Party, *or* Alliance des Ba-Kongo
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Abakumov, V. S. (Sov. offi.)
Leningrad Affair **7:**266:2a
Abalakov, V. M. (Sov. expl.)
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abalone, *or* Haliotis, *or* Haliotidae (marine snail) **1:**7:2b
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Abasiyanik, Sait Faik (Tur. au.) **1:**7:3b
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Abauzit, Firmin (Fr. theol.) **1:**8:1a
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"Abay" (novel by Auezov)
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Abba Arika, *or* Rav (Babyl. rabbi)
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'Abbas I (Ottoman viceroy of Egy.) **1:**8:3a
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'Abbas Mirza (prince of Iran) **1:**10:1b
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Aldridge, Ira Frederick (Eng. dram.) **1:**232:3b
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Aldrin, Edwin Eugene, Jr., *or* Buzz Aldrin (Am. astronaut) **1:**233:1b
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Aleksandr Nikolayevich (tsar of Russ.): *see* Alexander II
Aleksandr Pavlovich (tsar of Russ.): *see* Alexander I
Aleksandr Yaroslavich (prince of Russ.): *see* Alexander Nevsky, Saint
Aleksandra Fyodorovna (emp. consort of Russ.): *see* Alexandra
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Aleksey Mikhaylovich (tsar of Russ.): *see* Alexis
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American Airlines, Inc., *or* American Airways, Inc.
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American Amateur Baseball Congress (sports org.)
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American arborvitae, *or* eastern arborvitae, *or* eastern white cedar, *or* New Brunswick cedar, *or* northern white cedar, *or* Thuja occidentalis, *or* white cedar (bot.) **1:**325:2b
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American Association (sports org.)
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"American Cantata" (work by Foss)
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"American College Dictionary, The," *or* "ACD" (dict. by Barnhart)
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American College of Heraldry and Arms, Inc. (inst., Maryland, U.S.)
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American Colonization Society (abolitionist org.) **1:**327:2b
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American Coloured local race, *or* American Negro (people) **1:**327:3a
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"American Composers on American Music" (compiled by Cowell)
discussed in biography **3:**696:3a
American Conference (Am. sports)
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American Congress on Surveying and Mapping (org.)
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American Conservatory Theatre, *or* ACT (repertory group, San Francisco, Calif.)
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American Council of Christian Churches, *or* ACCC (rel. org.)
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American cranberry, *or* Vaccinium macrocarpon (bot.)
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"American Crisis, The" (work by Paine): *see* "Crisis, The"
American crocodile, *or* Crocodylus acutus (zool.)
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"American Dictionary of the English Language, An" (dict. by Webster) **1:**327:3a
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"American Dilemma: The Negro Problem and Modern Democracy, An" (work by Mydral)
contributions by Bunche **2:**631:2a
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American dog tick, *or* Dermacentor variabilis (arachnid)
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American eastern tent caterpillar moth, *or* Malacosoma americanum (insect)
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American Educational Theatre Association (Am. thea.): *see* American Theatre Association
American egret (bird): *see* great white egret
American elder, *or* Sambucus canadensis, *or* sweet elder (plant)
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characteristics of Dipsacales **4:**116:2a
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American elm, *or* Ulmus americana (tree)
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Dutch elm disease **4:**300:1a
American elm bark beetle, *or* Hylurgopinus rufipes
spread of Dutch elm disease **4:**300:1a
"American Entomology" (book by Say)
discussed in biography **10:**493:2a
"American Ephemeris and Nautical Almanac, The" (Am. pub.)
influence on Newcomb **8:**655:2a
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American Eugenics Society (org.)
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American Evangelical Lutheran Church, *or* Danish Evangelical Lutheran Church of America (Prot. org.) **1:**327:3b
American Expeditionary Force, *or* AEF (U.S. mil.)
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Horseshoe Falls **6:**72:2b
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American Federation of Labor-Congress of Industrial Organizations, *or* AFL-CIO (labour org.) **1:**328:2a
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American Federation of Musicians, *or* AFM (labour org.)
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American Federation of Teachers, *or* AFT (labour org.)
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American filbert, *or* Corylus americana (bot.)
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American finfoot, *or* Heliornis fulica (zool.)
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American flycatcher, *or* Tyrannidae (zool.)
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American Football League (Am. soccer org.)
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American Football League, *or* AFL (Am. football org.) **1:**329:1a
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"American Foreign Policy in the Making, 1932–1940" (work by Beard)
discussed in biography **2:**12:2b
American foulbrood (disease)
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American Friends Service Committee, *or* AFSC (rel. org.) **1:**329:1a
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American frontier (U.S. hist.)
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American Fur Company (indus.) **1:**329:1b
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American Geographical Society
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American germander, *or* Teucrium canadense (plant)
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American golden plover, *or* Pluvialis dominica (bird)
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American gooseberry, *or* Ribes hirtellum (shrub)
description **10:**38:1b
American Group (U.S. hist.)
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American Guide series (travel lit.)
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American Hebrew Congregations, Union of (rel. org.) **1:**329:2a
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"American Humor: A Study of the National Character" (work by Rourke)
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American Jewish Historical Society (Am. rel. org.)
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"American Ornithology" (work by Bonaparte)
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American Orthodox Church (rel. org.): *see* Orthodox Church in America
American Osteopathic Association, *or* AOA (med. org.)
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Arran, James Stewart, earl of (Scot. noble) **1**:586:2a
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Arran, John Hamilton, earl of (Scot. noble): *see* Hamilton, John Hamilton, 1st marquess of
Arran, Thomas Boyd, earl of (Scot. noble)

relationship to Boyd of Kilmarnock **2:**446:2a
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chansons **24:**568:1a
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"Arrangement in Grey and Black, No. 1: The Artist's Mother" (paint. by Whistler): *see* "Whistler's Mother"
Arrapkha (anc. city, Assyria)
defense against the Medes **21:**868:1b
Arras (Fr.) **1:**586:3a
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lace **1:**586:3b
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Arras, Battle of (Eur. hist.)
history of World War I **29:**998:1b
Arras, Gautier d' (Fr. au.): *see* Gautier d'Arras
Arras, Mathieu d' (Flem. mason)
association with Bohemian school **2:**327:2a
Arras, treaties of
1435
effect on
Burgundy **19:**531:1b
France **19:**469:2a
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Arras, Union of, *or* Union of Artois (Eur. hist.)
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Arras lace **1:**586:3b
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use in patio process **9:**198:2a
arrau, *or* South American river turtle, *or* Podocnemis expansa (amphibian)
migratory behaviour **14:**665:2a
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Arrau, Claudio (Am. mus.) **1:**587:1a
Array, Commissons of (Eng. hist.)
development during Tudor rule **29:**50:1a
array processor (computer sci.)
computer architecture and function **16:**633:2a
Arrazeria Medicea (factory)
manufacture of tapestry **17:**89:1b
Arrazola, Battle of (C.Am. hist.)
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Arrebo, Anders (Dan. au.)
contribution to Danish literature **27:**14:1a
Arrecifos (isl., Palau): *see* Babelthuap
arrector pili (anat.)
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Arremonops conirostris (zool.): *see* green-backed sparrow
Arresø Lake (l., Den.)
feature of Denmark **4:**14:1b; **17:**227:1b
arrest (law) **1:**587:1a
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Arrest, Heinrich Louis d' (Ger. astron.) **1:**587:2a
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arrestable offense (law)
role in British criminal code **16:**798:2a
Arretine ware (Roman pottery): *see* terra sigillata ware
Arretium (It.): *see* Arezzo
arrêts (Fr. law)
place in French jurisprudence **9:**161:1b
Arrhenatherum (bot.)
oat grass **8:**847:2b
Arrhenatherum elatius (bot.): *see* tall oat grass
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Arrhenius, Svante August (Swed. chem.) **1:**587:2a
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Arrhenius equation **1:**587:3b
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chemical kinetics **15:**1050:2a
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life's origin by panspermia **22:**992:2a
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Arrhenius equation (chem.) **1:**587:3b
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Arrhenius theory (chem.) **1:**588:1a
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arrhythmia (path.)
indicator of
cardiovascular disease **16:**405:1b, 408:2b
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Arriaga, Camilo (Mex. rev.)
role in Mexican history **24:**46:2a
Arriaga, Manuel José de (pres. of Port.)
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Arriaga y Balzola, Juan Crisóstomo Jacobo Antonio (Sp. comp.) **1:**588:1b
Arrian, *or* Flavius Arrianus (Gr. hist.) **1:**588:1b
descriptions of Alexander the Great's campaigns **13:**245:1b
use of Ptolemy I's writings **9:**772:1a
Arriflex camera
significance in history of motion pictures **24:**431:2a
Arrighi (typeface)
use in Morison's typography **26:**102:1a
Arrighi, Cletto, *or* Carlo Righetti (It. writ.)
member of scapigliatura **10:**500:2b
Arrighi, Lodovico degli (calligrapher)
development of cancellaresca corsiva **2:**795:3a, *illus.*
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"Arringatore" (statue)
sculpture **27:**73:2a, *illus.*74
"Arrival of Cardinal Francesco Gonzaga" (fresco by Mantegna)
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Arron, Henck Alphonsus Eugène (pr.min. of Sur.) **1:**588:2a
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arrondissement (Fr. govt.)
French administration **25:**429:2b; **25:**987:2b
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"Arrow" (Br. ship)
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Arrow, Kenneth Joseph (Am. econ.) **1:**588:2a
Arrow Cross Party, *or* Nyilaskeresztes Part, *or* Party of National Will (Hung. org.) **1:**588:2b
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"Arrow of God" (work by Achebe)
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poisonous animals *illus.* Plate 6 fol. **25:**898
for a list of related subjects see PROPAEDIA: Section 313
Arrow War, *or* Second Opium War (Chin. hist.)
major ref. in Opium Wars **8:**967:3b
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Chinese history **16:**124:2a
Hupeh **16:**177:1a
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type of water plantain **13:**793:2b, *illus.* 794
for a list of related subjects see PROPAEDIA: Section 313
arrowroot (plant) **1:**589:1a
classification in Marantaceae **7:**813:2a
economy of Saint Vincent **29:**789:2b
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for a list of related subjects see PROPAEDIA: Section 313
"Arrowsmith" (novel by Lewis)
discussed in biography **7:**314:3a
Arrowsmith, Aaron (Br. geog. and cartog.) **1:**589:2a
arrowwood, *or* Viburnum dentatum (bot.)
description **12:**343:3b
habitat **4:**116:1b
arrowworm, *or* Chaetognath (species of Chaetognatha) **1:**589:2b
mechanisms of photoreception **27:**146:1b
for a list of related subjects see PROPAEDIA: Section 313
arroyo, *or* coulee, *or* dry wash, *or* oued, *or* wadi, *or* wash (riv.) **1:**590:1b
major ref. in Geomorphic Processes **20:**13:2b, *illus.*
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for a list of related subjects see PROPAEDIA: Section 232
Arroyo del Río, Carlos (pres. of Ec.)
history of Ecuador **17:**1043:1a
Arrupe, Pedro (gen. of the Soc. of Jesus) **1:**590:2a
Års (Den.)
Vesthimmerlands Museum **5:**931:3a
Ars (Fr.)
Vianney **12:**342:2a
Ars, Curé d' (Fr. pr.): *see* Vianney, Saint Jean-Baptiste-Marie
"Ars amatoria" (work by Ovid): *see* "Art of Love"
Ars Antiqua (mus. hist.) **1:**590:2a
relationship to Ars Nova **24:**552:2b
for a list of related subjects see PROPAEDIA: Section 624
"Ars cantus mensurabilis" (work by Franco of Cologne)
contribution to Ars Antiqua **1:**590:2b
"Ars magna" (work by Cardano)
discussed in biography **2:**858:3b
"Ars magna" (work by Llull)
discussed in biography **7:**426:2b
"Ars maior" (work by Aelius Donatus)
discussed in biography **4:**173:2b
"Ars minor" (work by Aelius Donatus)
discussed in biography **4:**173:2b
Ars Nova (mus.) **1:**590:2b
major ref. in The History of Western Music **24:**552:2b
influenced by Machaut **7:**627:1a
relation to Ars Antiqua **1:**590:2a
for a list of related subjects see PROPAEDIA: Section 624
"Ars nova," *or* "Logica nova" (logic) Aristotelianism **25:**573:1b
"Ars Nova" (work by Vitry)
discussed in biography **12:**406:2b
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"Ars novae musicae" (work by Muris)
discussed in biography **8:**431:2a
"Ars poetica," *or* "The Art of Poetry" (work by Horace) **1:**590:3b
discussed in biography **6:**58:2a, 59:1a
history of
Latin literature **22:**853:1a
literary criticism **23:**204:1b
views on tragedy **23:**178:1a
influence on Renaissance drama **23:**157:2b
"Ars vetus," *or* "Logica vetus" (logic) Aristotelianism **25:**573:1b
Arsaces (k. of Arm.)
relationship to Artabanus III **1:**597:3b
Arsaces (k. of Pers.): *see* Artaxerxes II
Arsaces I (k. of Parthia)
foundation of
Nisa **8:**722:3b
Parthian empire **9:**173:3a
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leadership of the Parni **9:**166:2b
place in Arsacid dynasty **1:**590:3b; **1:**591:1a
Arsaces II (k. of Parthia): *see* Artabanus I
Arsaces VI (k. of Parthia): *see* Mithradates I
Arsacia (Iran): *see* Rayy
Arsacid dynasty, *or* Arshakuni dynasty (anc. Iranian dynasty) **1:**591:1a
capital at Hecatompylos **5:**793:2a
history of Iran **21:**876:2b *passim to* 886:2b
influence on Iranian religions **24:**88:2b; **29:**1143:2a
leadership of the Parni **9:**166:2b
occupation of Armenia **28:**1069:2b
use of Arsaces as throne name **1:**590:3b
arsefoot (bird): *see* grebe
"Arsenal" (film by Dovzhenko)
place in motion picture history **24:**390:1a
Arsenale (shipyard, Venice, It.)
shipbuilding **10:**748:2a
Venice **29:**500:1a
arsenate mineral **1:**591:1a
major ref. in Minerals and Rocks **24:**136:1b
formation **20:**789:2a
sources **21:**409:2a
for a list of related subjects see PROPAEDIA: Section 214
arsenic, *or* As (chem. element) **1:**591:2a
major ref. in Chemical Elements **15:**982:2b, 987:2a, *table* 985
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abundances of the elements *table* **15:**940
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geochemical balance of elements in seawater *table* **15:**946
rare elements in coal ash *table* **15:**944
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bronzing **2:**548:2a
formation of copper salts **21:**399:2b
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insecticides **1:**592:2a; **6:**331:1a
lead alloys **21:**405:2a
occupational lung disease **26:**800:1b
periodic table of the elements *illus.* **15:**952
structure and properties
atomic weight *table* **1:**678
bonding **24:**127:2b
isotopic composition *table* **14:**354
native elements *table* **8:**555
odour **27:**170:2b
poison **9:**547:3b
for a list of related subjects see PROPAEDIA: Section 121
see also arsenic poisoning; and compounds by name, *e.g.*, arsine
arsenic hydride (chem. compound): *see* arsine
arsenic poisoning **1:**592:1b
atrophy of tissue **1:**683:2b
caused by arsenic compounds **15:**988:1b
effect on blood vessels and nervous system **17:**325:2b
for a list of related subjects see PROPAEDIA: Section 423
arsenide (min.) **1:**592:2a
major ref. in Minerals and Rocks **24:**130:1b
sources **21:**409:2a
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arsenious oxide (chem. compound): *see* white arsenic
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formation **1:**592:1a
Arsenite schism (Byz. hist.)
place in Byzantine Empire **15:**440:2a
role of Arsenius Autorianus **1:**592:3b
Arsenius Autorianus (patriarch of Constantinople) **1:**592:3b

see also Arsenite schism
Arsenius the Great, *or* Arsenius of Rome (Roman monk) **1:**592:2b
arsenolamprite (min.)
structure and properties of native elements *table* **8:**555
arsenopyrite, *or* mispickel (min.) **1:**592:3b
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Arsenyevka River (riv., As.)
tributary of Ussuri River **12:**215:1b
Arses (k. of Pers.) **1:**593:1a
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murdered by Bagoas **1:**795:2a
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Arshakan (k. of Parthia): *see* Sanatruces
Arshakuni dynasty (anc. Iranian dynasty): *see* Arsacid dynasty
Arshawsky, Arthur (Am. mus.): *see* Shaw, Artie
Arsi, *or* Arssi, *or* Arusi (prov., Eth.) **1:**593:1a
Arsi Savara (people)
ethnological affinity with Savara **10:**480:2a
arsine, *or* arsenic hydride (chem. compound)
major ref. in arsenic **1:**592:1a
poisonous properties **1:**592:2a
Arsinoe (Cyp.): *see* Famagusta
Arsinoe I (q. of Egy.) **1:**593:1b
relationship with Ptolemy II Philadelphus **9:**772:1b
Arsinoe II (q. of Thrace and Egy.) **1:**593:2a
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Lysimachus **7:**594:2b
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Ptolemy II Philadelphus **9:**772:1b
role in history of Egypt **18:**165:1b
Arsinoe III (q. of Egy.) **1:**593:2b
Arsinoe IV (Egy. noble) **1:**593:3a
opposition by Cleopatra **3:**377:3a
Arsinoitherium (mammal) **1:**593:3b
Arsissa Lacus (l., Tur.): *see* Van, Lake
arslan (Turkic tribal title)
Qarluq Confederation **9:**832:2b
Arslan, Amir Shakib (Leb. writ.)
contribution to Islamic literature **22:**61:1b
Arslan ibn Toghril (Seljuq ruler)
guardianship by Shams ad-Din Eldeguz **4:**420:2b
relations with Salghurid dynasty **10:**352:2b
Arslan Tash (anc. site, Mesop.)
ancient Mesopotamian sites *map* **21:**919
Arslantepe (Tur.): *see* Milid
Arso (Arab. deity)
role in pre-Islamic Arabian religions **24:**71:2b
arson 1:593:3b
treatment in criminal law **16:**799:2a
Arsonval, Jacques-Arsène d' (Fr. physic. and phys.) **1:**594:1b
see also d'Arsonval galvanometer
Arsouf, Battle of (Third Crusade): *see* Arsuf, Battle of
arsphenamine, *or* Salvarsan (drug) **1:**594:1b
major ref. in Medicine **23:**894:2a
discovery by Ehrlich **3:**162:2a; **4:**395:2b; **21:**268:2a
importance to medical technology **28:**474:1b
Arssi (prov., Eth.): *see* Arsi
Arsuf (anc. town, Isr.)
association with Herzliyya **5:**896:3a
capture by Baybars I **1:**979:2b
see also Herzliyya
Arsuf, Battle of, *or* Battle of Arsouf (Third Crusade) **1:**594:1b
Arsuk Fjord (fjord, Green.)
association with Ivittuut **6:**442:3a, *illus.*
art 1:594:2a
see PROPAEDIA: Part Six
see also aesthetics; art, philosophy of; art conservation and restoration; art criticism; art history; arts, classification of the; arts, practice and profession of the; arts, style in the; patronage; religious art; particular arts, *e.g.,* architecture; dance; literature; music; painting; popular art; and individual artists, national and cultural groups, genres, movements, schools, and works of art by name
"Art" (work by Bell)
discussed in biography **2:**68:2b
art, academy of 1:594:3b
Art, Île (is., N.Cal.)
physiography of Îles Bélep **2:**59:1a
"Art, L'" (work by Ozenfant): *see* "Foundations of Modern Art, The"
art, philosophy of
major ref. in Philosophies of the Branches of Knowledge **25:**703:2b
in philosophical schools and doctrines
Existentialism **25:**622:2b
humanism **20:**732:2a
in philosophy of
Aristotle **14:**66:2b
Molière **24:**304:2b
Proust **9:**746:2a
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views on style **14:**142:1a
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art, popular: *see* popular art
Art, School of (bldg., Glasgow, U.K.): *see* Glasgow School of Art
Art, Théâtre d' (thea., Paris, Fr.): *see* Oeuvre, Théâtre de l'
Art and Architecture, School of (Yale Univ., New Haven, Conn., U.S.)
design by Rudolph **10:**232:2b, *illus.*
Art and Crafts, Museum of, *or* Museum für Kunst und Gewerbe (museum, Hamburg, W.Ger.)
ancient artifacts collection **20:**523:1b
"Art and Its Objects" (work by Wollheim)
contribution to aesthetics **13:**23:2b
"Art and Revolution," *or* "Die Kunst und die Revolution" (work by Wagner)
discussed in biography **12:**448:3a
"Art and Social Life," *or* "Iskusstvo i obshchestvennaya zhizn" (work by Plekhanov)
place in aesthetics **13:**27A:1b
"Art and Visual Perception" (work by Arnheim)
treatment of Gestalt aesthetics **13:**23:1a
"Art as Experience" (work by Dewey)
place in aesthetics **13:**27A:1b
art brut 1:595:2a
contribution by Dubuffet **4:**250:1b
place in modern art **25:**374:2a
for a list of related subjects see PROPAEDIA: Section 628
art collecting
major ref. in The Practice and Profession of the Arts **14:**127:1b
forgeries **14:**136:1a
masks **23:**587:2a
museums **24:**479:1a, 488:1b
art colony
effect on artistic productivity **14:**115:2a
Art Concret (Eur. art group)
establishment by Hélion **5:**812:3b
art conservation and restoration 14:85:1a; **1:**595:3a
comparison with forgery **14:**135:2b
preservation of paintings **25:**311:1b
restoration of
masks **23:**587:2a
medieval buildings **10:**564:3b
Olympia stadium **8:**923:2a
role of museums **24:**488:2b
"Art Critic" (Am. pub.)
establishment by Hartmann **5:**730:1a
art criticism 14:103:1a; **1:**596:1b
major ref. in Aesthetics **13:**24:1b
art and architecture
comparison with philosophy **25:**703:2b
contribution by
Arnold **1:**580:3a
Diderot **4:**81:1a
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Taine **11:**507:1b
Winckelmann **12:**695:3b
medieval **27:**87:2a
Renaissance architecture **13:**994:2b
literature: *see* literary criticism
theatre **28:**515:2b
"Art de conserver, pendant plusieurs années, toutes les substances animales et végétales, L'" (work by Appert): *see* "Art of Preserving All Kinds of Animal and Vegetable Substances For Several Years, The"
"Art de dictier, L'" (work by Deschamps)
discussed in biography **4:**30:2a
"Art de la cuisine au dix-neuvième siècle, L'" (cookbook by Carême)
development of French gastronomy **19:**693:1a
"Art de rhetorique" (work by Molinet)
discussed in biography **8:**234:2b
Art Deco, *or* Style Moderne **1:**596:2a
Baccarat glass **1:**772:3a
Chrysler Building **3:**290:3a
interior design **17:**40:1b
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for a list of related subjects see PROPAEDIA: Section 613
"Art du dix-huitième siècle, L'" (work by Goncourt brothers): *see* "French Eighteenth Century Painters"
"Art du peintre, doreur, vernisseur, L'" (work by Watin)
account of lacquerwork **17:**177:2b
"Art du théâtre, L'" (treatise by Bernhardt)
discussed in biography **2:**150:3b
art fairy tale (lit.)
characteristics **4:**660:1b
art for art's sake
effect on literary style **23:**90:2a
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French literature **19:**579:2a
Greek painting **25:**325:1b
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Romantic symbol of European culture **18:**792:1a
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art gallery: *see* art museum
Art Gallery of Iceland (museum, Reykjavik, Ice.)
Iceland **20:**825:1b
Art Gallery of New South Wales (museum, Sydney, N.S.W., Austr.) **1:**596:2b
art history, *or* art historiography **1:**596:3a
importance to classical scholarship **27:**29:2a
Art Informel
association with Tachism **11:**486:3a
Art Institute of Chicago, *or* Chicago Academy of Design (museum, Chicago, Ill., U.S.) **1:**596:3b
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art museum, *or* art gallery
major ref. in Museums **24:**480:1a, 484:2a
Art Museum of the Socialist Republic of Romania (museum, Bucharest, Rom.)
effect on cultural life in Bucharest **2:**596:2b
art music
approach to tonal innovations in modern music **24:**508:2a
comparison with popular music **25:**1022:1b *passim to* 1024:2a
relationship to folk music **19:**318:1a
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Art Nouveau, *or* Jugendstil, *or* Modernismo, *or* Modernista, *or* Sezessionstil, *or* Stile Floreale, *or* Stile Liberty **1:**596:3b
contribution by
Beardsley **2:**13:1b
Gallé **5:**89:2a
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architecture **13:**946:2b, *illus.* 947; **13:**1041:1b
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glassmaking **17:**212:1b
lustred glass **7:**570:3b
stained glass **17:**199:1a
interior design **17:**38:1a
jewelry **17:**481:2b, *illus.* 482
medals **16:**552:1b
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metalwork **17:**156:2a *passim to* 160:2b
painting **25:**369:2b, *illus.* Plate 22 fol. 370
poster art **9:**639:1b, *illus.*
typography **26:**99:2b
influence on
Kandinsky **6:**711:3b
Mies van der Rohe **8:**116:2a
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for a list of related subjects see PROPAEDIA: Section 613
"Art of Bullfighting, The," *or* "El Arte del Toreo" (book on bullfighting)
views on Ortega **8:**1015:1b
"Art of Love," *or* "Ars amatoria" (work by Ovid)
basis of courtly love concept **3:**687:1a
discussed in biography **9:**19:1a
history of pornography **9:**615:3b
place in Latin didactic poetry **22:**851:2a
"Art of Painting, The" (poem by Céspedes)
discussed in biography **3:**43:3b
"Art of Playing on the Violin, The" (work by Geminiani)
discussed in biography **5:**169:2b
"Art of Poetry, The" (work by Horace): *see* "Ars Poetica"
"Art of Preserving All Kinds of Animal and Vegetable Substances For Several Years, The," *or* "L'Art de conserver, pendant plusieurs années, toutes les substances animales et végétales" (work by Appert)
discussed in biography **1:**491:3b
"Art of Rehearsal, The" (work by Shaw)
actors and directors **28:**523:2b
"Art of the Catholic Faith, The" (work by Alain de Lille)
discussed in biography **1:**199:2a
"Art of the Fugue, The" (work by Bach)
chamber music style of Bach **24:**569:1a
collection of fugues **24:**575:2a
discussed in biography **14:**542:1b
"Art of Theatre, The" (work by Craig)
impact on Western theatre **28:**546:2b
"Art of Thought" (book by Wallas)
views on artistic creation **25:**712:1a
"Art of War," *or* "The Arte of Warre," *or* "Dell'arte della guerra" (work by Machiavelli)
discussed in biography **7:**629:1b
place in
Italian literature **22:**155:2a
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"Art of War, The," *or* "Ping-fa" (work by Sun-Tzu)
discussed in biography **11:**389:2b
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black alder (bot.): *see* European alder
black American, *or* African-American, *or* Afro-American, *or* American Negro (people)
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dance **16:**965:1b; **25:**1018:1a
folk literature **19:**306:1b, 312:2a
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theatre **2:**259:1a
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contributions by
Bethune **2:**176:2b
DuBois **4:**241:3b
Muhammad, Elijah **6:**410:1b
Muhammad, Warith Deen **6:**410:2b
Randolph **9:**933:1b
Washington **12:**509:3a
Williams **12:**680:2a
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genetic traits
physical characteristics **1:**327:3a
sickle-cell anemia **10:**780:2b; **16:**17:1a
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baseball history **28:**121:1a
growth and development in the U.S. **29:**177:1b
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plantation system **11:**31:2b; **29:**314:1a
socio-economic theories of Myrdal **8:**466:2b
statistics on unemployment **29:**962:1b
stereotyped roles **27:**360:1b
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Ecuador **17:**1039:1b
French Guiana **20:**498:1b
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Alabama **1:**196:3a; **29:**318:2b
California **29:**443:2a
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New Orleans **24:**860:1a
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Baptist churches **16:**350:2a; **26:**249:2b
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Methodist churches **26:**258:1b
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Christian joy **16:**286:2a
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study by Herskovits **5:**890:2b
see also Civil Rights Movement
Black and Tan (Br. police) **2:**252:2a
black-and-tan setter (dog): *see* Gordon setter
black-and-tan terrier (dog): *see* Manchester terrier
black and white colobus monkey (primate)
description **3:**459:3a
black-and-white film: *see* film
black-and-white photography: *see* photography
black and white warbler, *or* Mniotilta varia (bird)
characteristics **12:**745:2a
black-and-yellow broadbill, *or* Eurylaimus ochromalus (bird)
colour picture *illus.* Plate 1 fol. **15:**100
Black Army (Hung. army)
use by Matthius I Corvinus **20:**759:2a
Black Arrow (rocket)
space exploration **19:**49:2b
"Black Arrow: A Tale of the Two Roses, The" (work by Stevenson)
discussed in biography **11:**263:1a
Black Arts Repertory Theatre (thea., N.Y.C., N.Y., U.S.)
foundation by Baraka **1:**882:3b
black-backed butcherbird, *or* Cracticus mentalis (bird)
colour picture *illus.* Plate 2 fol. **15:**100
black-backed courser (bird): *see* crocodile bird
black-backed jackal, *or* Canis mesomelas (mammal)
description **6:**454:1a, *illus.*
Black Bartholomew (Eng. hist.)
history of Congregationalists **26:**252:1a
Black Barty (Welsh pirate): *see* Roberts, Bartholomew
black basaltes (pottery): *see* basaltes ware
black bass, *or* Micropterus (fish) **2:**252:2b
for a list of related subjects see PROPAEDIA: Section 313
black bear, *or* American bear, *or* Ursus americanus (mammal) **2:**252:3a
description and classification **23:**458:2b
gestation period *table* **5:**227
for a list of related subjects see PROPAEDIA: Section 313
"Black Beauty" (work by Sewell)
discussed in biography **10:**674:1a
black-bellied plover, *or* Squatarola squatarola (bird)
description **9:**525:1a
black-bellied wren, *or* Thryothorus fasciatoventris (bird)
colour picture *illus.* Plate 3 fol. **15:**100
Black Belt (reg., U.S.) **2:**252:3b
black bile, *or* melancholy (biochem.)
association with melancholy **25:**497:1a
four-humours theory **6:**145:2a
see also melancholia
black bindweed (bot.): *see* black bryony
black birch (tree): *see* river birch; sweet birch
black body radiation sequence (phys.)
colour sequence **16:**599:1b
Black Bog Shale (rock unit, Austr.)
Silurian Period stratigraphic *table* **19:**843
Black Bone Yi (people)
ethnological affinity with Yi **12:**842:1a
"Black Book of Carmarthen" (coll. of poetry)
Welsh literature **15:**628:2b
"Black Book of Clanranald" (work by MacMhuirich)
Gaelic literature **15:**627:1b
black box (recording instru.): *see* flight recorder
black bread (food)
derivation from rye cereal **2:**490:2a; **10:**270:2b
black-browed albatross, *or* Diomedea melaphris (bird)
description **1:**210:2a
"Black, Brown, and Beige" (jazz by Ellington)
innovation in jazz style and orchestration **24:**645:2b
black bryony, *or* black binweed, *or* Tamus communis (bot.)
food and medicinal source **13:**797:1a
member of Dioscoreaceae **4:**112:2a
black buffalo weaver, *or* Bubalornis, *or* oxbird albirostris
description and range **2:**608:1b
black burn (med.): *see* fourth-degree burn
black buzzard (bird): *see* black vulture
Black Canon (Roman Cath. rel. order): *see* Augustinian
Black Canyon of the Gunnison National Monument (mon., Colo., U.S.) **2:**253:1a
feature of Colorado **29:**420:2b
black capped capuchin (primate): *see* brown capuchin; weeper capuchin
black-capped chickadee, *or* Parus atricapillus (bird)
description **3:**199:2b
black-capped mockingthrush, *or* Donacobius atricapillus (bird)
colour picture *illus.* Plate 3 fol. **15:**100
black-capped petrel, *or* diablotin, *or* Pterodroma hasitata (bird)
affected by man's hunting **15:**16:2a, *illus.*
black-capped vireo, *or* Vireo atricapillus (bird)
colour picture *illus.* Plate 4 fol. **15:**100
black carbon ink
use in pen drawing **9:**253:2b
Black Carib (Cent.Am. people)
part of
American Indian culture **13:**363:1a
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residence in Atlántida **1:**674:1a
black cat (mammal): *see* fisher
black catbird, *or* Melanoptila glabrirostris (bird)
description **2:**948:2b
black cherry, *or* Prunus serotina (bot.)
member of Rosales **13:**735:2a, 737:2b
black-chested coucal (bird): *see* black coucal
black-chested sparrow, *or* Aimophila humeralis (bird)
colour picture *illus.* Plate 4 fol. **15:**100
Black Christ (rel. fig.)
attraction of Esquipulas **4:**562:1b
Black Church (church, Braşov, Rom.)
feature of Braşov *illus.* **2:**480
"Black Civilization, A" (work by Warner)
religious education among Australian Aborigines **26:**618:2b
black cockatoo, *or* Calyptorhynchus (bird)
characteristics of psittaciforms **9:**759:2a
black code (U.S. hist.) **2:**253:1a
structure of Southern Reconstruction governments **29:**238:2b
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black cohosh, *or* black snakeroot, *or* Cimicifuga racemosa (herb)
species of bugbane **2:**610:3a
black comedy (lit.): *see* black humour
Black Community Development and Defense Organization (Muslim group)
establishment by Baraka **1:**882:3b
black coral, *or* Antipatharia (coral)
description and classification of corals **3:**618:2a
taxonomy **16:**527:2b, 528:2a
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black cottonwood, *or* Populus trichocarpa, *or* western balsam poplar (bot.)
description **9:**607:1a
member of Salicales **13:**712:1b
black coucal, *or* black-chested coucal, *or* Centropus toulou (bird)
type of coucal **3:**674:2a
Black Country (indus. area, W Mids, U.K.) **2:**253:2b
black crake, *or* Limnocorax flavirostra (bird)
description **3:**707:2a
black-crested antshrike, *or* Sakesphorus canadensis (bird)
colour picture *illus.* Plate 1 fol. **15:**100
"Black Crook, The" (mus. play)
musical comedy development **8:**444:3b
black-crowned night heron, *or* Nycticorax nycticorax (bird)
description **5:**883:3b
black-crowned tityra, *or* Tityra inquisitor (bird)**11:**807:1a
black currant, *or* Ribes nigrum (shrub)
description **10:**38:1b
Black Death (epidemic) **2:**253:2b
history of
agriculture in Europe **13:**193:2b
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dance of death **3:**941:2b
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biological warfare **2:**223:1b
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Black Douglas (Scot. noble): *see* Douglas, Sir James
Black Dragon Society (Japanese org.): *see* Amur River Society
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orbit of Venus **17:**900:1b
black drum (fish): *see* sea drum
black duck, *or* Anas rubripes (bird) **2:**253:3b
relation to mallard **7:**738:2b
for a list of related subjects see PROPAEDIA: Section 313
black dwarf star (astron.)
association with white dwarf **12:**631:2a
future state of the Sun **27:**517:2a
limitation on mass **28:**216:1b
black earth (soil): *see* chernozem
Black-Earth belt (reg., U.S.S.R.)
major ref. in Union of Soviet Socialist Republics **28:**950:1b
black ebony, *or* billetwood, *or* Calabar ebony, *or* Gabon ebony, *or* Lagos ebony, *or* Niger ebony
source **4:**345:2a
black elder (bot.): *see* European elder
Black English (lang.)
English dialect **23:**71:2b
black-eyed bean, *or* black-eyed pea (bot.): *see* cowpea
"Black-Eyed Susan" (work by Jerrold)
discussed in biography **6:**537:2a
black-faced dioch, *or* Quelea finch (bird)
victims of pest control in Africa **13:**57:2b
black-faced flycatcher, *or* Monarcha frater (bird)
colour picture *illus.* Plate 3 fol. **15:**100
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comparison with red-figure pottery **9:**983:1b
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history of painting **25:**326:2a
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for a list of related subjects see PROPAEDIA: Section 629
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black finless porpoise, *or* Neomeris phocoenoides, *or* Neophocoena phocoenoides (mammal)
description **9:**617:1b
Black Flags (Chin. gang)
role in Vietnamese history **16:**128:1a
black flood (hydrology)
occurrence in the Niger River **13:**120:1a
black fly, *or* buffalo gnat, *or* turkey gnat (insect) **2:**254:1b
for a list of related subjects see PROPAEDIA: Section 313
black-footed albatross, *or* Diomedea nigripes (bird)
description **1:**210:2b
black-footed ferret, *or* Mustela nigripes (mammal)
classification and description **4:**747:1a, *illus.* 746; **23:**460:2a
Black Forest (reg., Ariz., U.S.)
part of
Painted Desert **9:**66:2a
Petrified Forest National Park **9:**342:2b
Black Forest, *or* Schwarzwald (mt. reg., W.Ger.) **2:**254:2a
physiography of Germany **5:**217:2a
Baden-Württemberg **1:**783:3a
Freiburg **4:**969:3a
Karlsruhe **6:**744:2b
relation to
Jura range **20:**104:2a
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site of Ordovician rocks in Europe **18:**656:1a, *illus.* 664
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Black Forest house, *or* Schwarzwaldhaus (arch.)
style in Baden-Württemberg **1:**783:3b
black fox, *or* Vulpes fulva, *or* Vulpes vulpes (mammal)
characteristics **4:**910:1a
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Black Friar (rel. order): *see* Dominican
Black Friday (U.S. hist.) **2:**254:2b
role of
Fisk **4:**802:2b
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black-fronted white-eye, *or* Zosterops atrifrons (bird)
colour picture *illus.* Plate 4 fol. **15:**100
black frost (meteorol.)
description **5:**23:1b
formation of hoarfrost **5:**958:2a
black fungus (mushroom): *see* tree ear
black grama, *or* Bouteloua eriopoda (bot.)
species of grama grass **5:**410:1b
black greasewood (bot.): *see* greasewood
black grouse, *or* Lyrurus tetrix (bird)
description **5:**519:3b
black guillemot, *or* tystie, *or* Cepphus grylle (bird)
description **5:**552:2a
black gum tree (bot.): *see* black tupelo tree
Black Hand, *or* Mano Nera (Am. criminal org.) **2:**254:3a
Black Hand, *or* Ujedinjenje ili Smrt, *or* Union or Death (secret Serbian soc.) **2:**254:3a
role in assassination of Archduke Ferdinand **14:**580:2b; **21:**739:2b
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black haw, *or* Viburnum prunifolium (bot.)
description **12:**343:3b
Black Hawk, *or* Ma-Ka-Tai-Me-She-Kia-Kiak (Sauk and Fox leader) **2:**254:3b
opposition to Keokuk **6:**809:2a
usage of chief as title **3:**201:2b
black hawk (bird)
major ref. in hawk **5:**760:3b
Black Hawk War (U.S. hist.)
association with Keokuk, Iowa **6:**809:2b
Black Hawk's role **2:**255:1a
Lincoln's participation **23:**42:2b
black-headed duck, *or* Heteronetta atricapilla (bird)
reproductive behaviour **15:**33:1a
black-headed gonolek, *or* Abyssinian gonolek, *or* Laniarius erythrogaster (bird)
description **10:**768:2b
black-headed grosbeak, *or* Pheuticus melanocephalus (bird)
classification and description **5:**511:3b
black-headed gull, *or* Larus ridibundus (bird)
animal communication **14:**694:2b
breeding behaviour **15:**59:1b
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black hellebore (herb): *see* Christmas rose
black henbane, *or* Hyoscyamus niger (bot.)
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source of alkaloid **13:**779:1b
black heron, *or* Hydranassa ardesiaca, *or* Melanophoyx ardesiaca (bird)
description **5:**883:3b
Black Hills (reg., U.S.) **2:**255:1b
formation and characteristics **8:**376:1b
location of Harney Peak **5:**714:1b
Rocky Mountains **24:**998:2b, *illus.* 997, 999
significance to South Dakotan cities **29:**395:2b *passim to* 398:1b
Custer **3:**810:3a
Deadwood **3:**938:2a
Rapid City **9:**943:1b
Spearfish **11:**74:3a
Wind Cave National Park **12:**696:3b
black hole, *or* Schwarzschild singularity (astron.) **2:**255:1b
astronomical objects
globular clusters **11:**218:3a
Milky Way galaxy **8:**130:3b
quasars **9:**845:1b
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Sagittarius A **10:**300:2b
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X-ray sources **12:**792:3a
astrophysics and cosmology **25:**860:1b
galactic nucleus theory **16:**779:1b; **19:**627:1b
gravitational effects **20:**221:2a
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work of
Chandrasekhar **3:**79:3b
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for a list of related subjects see PROPAEDIA: Section 132
Black Hole of Calcutta (Indian hist.) **2:**255:2b
defeat of British **21:**80:2a
role of Siraj-ud-Dawlah **10:**843:3a
black horehound, *or* Ballota nigra (herb)
relationship to horehound **6:**60:2a
Black Horse Square (square, Lisbon, Port.): *see* Palace Terrace
black humour, *or* black comedy **2:**255:3a
place in comedy **23:**166:2b
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Black Hundreds, *or* Chernosotentsy (Russ. hist.) **2:**255:3b
role in Russian history **28:**995:2a
black japan (varnish)
description **2:**259:2a
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Black Jews (rel. group)
Judaism **22:**427:1a
black knot (plant disease) **2:**255:3b
for a list of related subjects see PROPAEDIA: Section 353
Black Lady (card game): *see* Black Maria Hearts
black lancewood, *or* carisiri, *or* Guatteria virgata (bot.)
description **7:**133:2a
black lead (carbon): *see* graphite
black lechwe, *or* Kobus leche smithemani (mammal)
description **6:**925:3a
Black Legend, *or* Leyenda Negra (Sp. hist.)
policy of Spanish colonization **18:**868:2b
black-legged kittiwake (bird): *see* kittiwake
black-legged seriema, *or* Burmeister's seriema, *or* gray seriema, *or* Chunga burmeisteri (bird)
description **10:**650:3a
black lemur, *or* Lemur macaco (primate)
description **7:**262:3a
black letter, *or* Gothic script, *or* Old English script (calligraphy) **2:**256:1a
major ref. in Writing **29:**1070:1a, 1088:1b
adaptation to type **10:**148:3b
comparison with Carolingian minuscule **8:**174:2b; **29:**1088:1b
development from paleography **20:**672:1b
division of typefaces **26:**92:2a, *illus.*
effect on calligraphic styles **29:**1070:1a
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for a list of related subjects see PROPAEDIA: Section 629
see also Fraktur script
black light (phys.): *see* ultraviolet radiation
black lignite: *see* subbituminous coal
Black Lisu (people)
ethnological affinity with Yi **12:**842:1b
black locust, *or* Robinia pseudoacacia, *or* false acacia, *or* yellow locust (bot.)
description **7:**439:1a
black lung, *or* black lung disease (disease): *see* anthracosis
"Black Madonna, The," *or* "Our Lady of Czestochowa" (paint.)
artifacts of Czestochowa **3:**838:3a
black magic (occult practice)
place in Middle Eastern religions **24:**63:1b
relation to demons **17:**383:2a
types of magic **25:**88:1b
worldview of Asian cultures **26:**1031:1b
black mamba, *or* Dendroaspis polylepis (snake)
description **7:**749:3a
poisonous properties *table* **25:**908
black mangrove, *or* Avicennia nitida, *or* Avicennia marina (bot.)

description **7**:774:1a
black mangrove bittern, *or* Dupetor flavicollis, *or* ixobrychus flavicollis (bird)
description **2**:245:2a
"Black Manhattan" (work by Johnson)
discussed in biography **6**:593:2b
black manner (printmaking): *see* mezzotint
Black Maria Hearts, *or* Black Lady, *or* Black Widow (card game)
variation of Hearts **5**:784:2a
black market (econ.) **2**:256:2b
occurrence in developing countries **17**:915:1b
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for lists of related subjects see PROPAEDIA: Sections 532; 533
black marlin, *or* Makaira indica (fish)
size range in Perciformes **19**:257:2a
black-masked lovebird, *or* Agapornis personata (bird)
description **7**:517:1a
black mass (rite) **2**:256:2b
magic in Christian Europe **25**:89:1a
relation to
demons **17**:383:2a
satanism **10**:465:2b
black matrix screen (television)
development of colour television screen **15**:245:2b
black measles (disease)
characteristics **21**:544:2b
Black Mesa (mt., U.S.)
location near Cimarron River **3**:321:1a
Black Mesa pipeline (pipeline, U.S.)
transportation in coal mining **21**:456:1b
black mica (min.): *see* biotite
black mold (plant disease): *see* sooty mold
black moss (bot.): *see* Spanish moss
Black Mountain poet (Am. lit.) **2**:256:3a
contribution by
Creeley **3**:724:2b
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for a list of related subjects see PROPAEDIA: Section 621
Black Mountain Range (mts., Bhut.) **2**:256:3a
physiography of Bhutan **2**:190:2a
Black Mountains (mt. range, N.C., U.S.) **2**:256:3a
division of Appalachian Mountains **24**:994:1a
features of Mount Mitchell **8**:194:1b
black mulberry, *or* Morus nigra (bot.)
description **8**:404:2b
Black Muslim Movement (rel. org.): *see* Islam, Nation of
black mustard, *or* Brassica nigra (bot.)
description **2**:481:3a
black nationalism (U.S. hist.) **2**:256:3b
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DuBois **4**:241:3b
Malcolm X **7**:731:1b
place in U.S. history **29**:177:2a
role of Nation of Islam **6**:410:1b
for a list of related subjects see PROPAEDIA: Section 522
black-necked cobra, *or* Naja nigricollis (snake)
poisonous characteristics *table* **25**:908
black-necked stilt, *or* Himantopus himantopus mexicanus (bird)
description **11**:272:1a
black nightshade, *or* Solanum nigrum (bot.)
poisonous plants *table* **25**:904, *illus.* Plate 2 fol. 898
variety of nightshade **8**:706:3a
black nobility (Roman soc.)
social structure of Rome **26**:983:1b
black-nosed dace, *or* Rhinichthys atratulus (fish)
description **3**:840:3b
Black Nossob (stream, S.W.A.)
feeding of Nossob River **8**:802:3a
black oak, *or* Quercus velutina (bot.) **2**:256:3b
oaks **8**:845:3a, *illus.*
for a list of related subjects see PROPAEDIA: Section 313
Black Obelisk (Assyrian mon.) **2**:257:1a
reign of Shalmaneser III **10**:692:2b; **21**:926:1a
black opal (min.)
description **8**:960:2b
black orchid, *or* Coelogyne pandurata (bot.)
characteristics **3**:429:3b, *illus.* 430
Black orogeny (geol.)
extension of Hudsonian orogeny **6**:119:2b
"Black Orpheus" (Af. lit. journ.)
contribution by Soyinka **11**:59:3b
magazine publishing in Africa **26**:487:2a
role in African literature **13**:139:1a
"Black Orpheus," *or* "Orfeu Negro" (film by Camus)
discussed in biography **2**:783:2a
"Black Oxen" (work by Atherton)
discussed in biography **1**:668:3a
Black Pagoda (temple, Konarak, India): *see* Sun Temple
black panther (mammal)
characteristics **7**:281:3a
Black Panther Party (Am. org.) **2**:257:1b
role of Cleaver **3**:367:2b
Black Peoples' Convention (S.Af. pol. org.)
role of Biko **2**:210:3a
black pepper, *or* pepper, *or* Piper nigrum (spice) **2**:257:1b
major ref. in Angiosperms **13**:672:1a
"Black Peter," *or* "Cerny Petr," *or* "Peter and Pavla" (film by Forman)
discussed in biography **4**:884:2a
black phoebe, *or* Sayornis nigricans (bird)
description **9**:392:1a
black phosphorus (chem.)
production from white phosphorus **9**:397:3a
black pine (bot.): *see* Austrian pine
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CM (U.S. space project): *see* Command Module
CMAS (internat. org.): *see* World Underwater Federation
CMEA (internat. org.): *see* Mutual Economic Assistance, Council for
CMI: *see* cell-mediated immunity
CMOS (electronics): *see* complementary metal-oxide semiconductor
CMP (chem. compound): *see* cytidine monophosphate
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CMV (virus): *see* cytomegalovirus
CNC (govt. agency, Cuba): *see* Cultura, Consejo Nacional de
CNC (Mex. pol. org.): *see* National Peasant Confederation
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Cnossus (anc. city, Crete): *see* Knossus
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Aiken **1**:171:3a
Babbage **1**:765:1b
Bush **2**:673:2b
Eckert **4**:352:1b
Hollerith **6**:9:2b
Lovelace **7**:518:1a
Turing **12**:56:1a
von Neumann **12**:430:1a
for a list of related subjects see PROPAEDIA: Section 735
see also computer memory; computer program; computer programming language; computer science; particular computers by name, *e.g.,* Universal Automatic Computer; and types of computer, *e.g.,* analogue computer; digital computer; microcomputer
computer (graphic device)
development of aerial navigation **24**:755:2b
computer-aided design, *or* CAD
automation **1**:726:1b; **14**:535:2a
computer-aided engineering **3**:507:2b
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information systems **21**:564:1b
machine tool development **28**:734:1a
mechanical engineering **7**:994:2b
stage design **28**:596:2a
computer-aided engineering, *or* CAE, *or* CAD/CAM **3**:507:2b
digital computers **16**:651:1b
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see also computer-aided design; computer-aided manufacturing
computer-aided manufacturing, *or* CAM
computer-aided engineering **3:**507:2b
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computer-aided process planning, *or* CAPP
information systems **21:**564:1b
computer architecture
major ref. in Computer Science **16:**633:1a
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computer graphics (computer sci.)
description **16:**633:2a, 635:2a
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computer-integrated manufacturing, *or* CIM
major ref. in Information Processing and Information Systems **21:**564:1b
computer memory 3:508:1a
architecture in computer science **16:**633:1b
automata theory **14:**521:1b
contribution by
Forrester **4:**886:2b
Williams **12:**680:2a
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information processing **21:**553:1b
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bionics **2:**226:2a
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magnetic recording devices **7:**682:2a
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storage function **16:**643:2b
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principles of automation **14:**533:2b
use in machine tools **28:**733:2a
computer organ (mus. instru.)
development of electronic organ **4:**438:2b
computer program, *or* software **3:**508:2b
major ref. in Computers **16:**645:1b
computer-assisted instruction **3:**507:3b
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for a list of related subjects see PROPAEDIA: Section 10/23
computer programming language 3:508:3b
major ref. in Computers **16:**645:1b
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non-verbal language **22:**575:1a
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for a list of related subjects see PROPAEDIA: Section 10/23
computer science 16:629:1a; **3:**509:1a
influenced by metalogic **23:**274:1a
relationship to mathematical logic **23:**242:2a, 249:2a
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computer vision
computer innovations **16:**636:1b; **16:**652:1a
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brain scanning technique **2:**466:3a
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radiology **9:**893:3a
relation to
neurology **8:**622:2a; **24:**840:2a
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major ref. in Printing, Typography, and Photoengraving **26:**74:2a, 79:1a, 91:1a
"Comrade, The," *or* "Il compagno" (work by Pavese)
discussed in biography **9:**213:3a
comrades' court, *or* tovarishchesky sud (Sov. legal system) **3:**509:2a
structure of courts **22:**487:2b
Comrades' Marathon (S.Af. race)
course **7:**815:1a
"Comradeship," *or* "Kameradschaft" (film by Pabst)
discussed in biography **9:**42:3b
Comsat, *or* Communications Satellite Corporation (Am. Corp.) **3:**509:2a
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Comstock, Anna Botsford, *or* Anna Botsford (Am. illustrator) **3:**509:2b
Comstock, Anthony (Am. reformer) **3:**509:2b
legality of birth control **15:**118:1a
Comstock, John Henry (Am. entomologist) **3:**509:3b
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Comstock Act (U.S. hist.)
application to literature **3:**509:3a
classification of birth control literature **10:**416:2a
place in history of obscenity legislation **8:**857:2a
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Comtat-Venaissin, *or* Comtat, *or* Venaissin (former prov., Fr.) **3:**510:1a
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Comte, Auguste, *or* Isidore-Auguste-Marie-François-Xavier Comte (Fr. philos.) **3:**510:1b
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altruism concept **1:**302:3b
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sociological studies **27:**369:1a, 384:2a, 401:2b
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French literature **19:**579:1b
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Ingram **6:**315:2b
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Hume **20:**737:2b
Saint-Simon **10:**334:3a
Vico **12:**347:3b
"Comte Ory, Le" (opera by Rossini): *see* "Count Ory"
Comum (It.): *see* Como
Comunale, Palazzo (bldg., Sansepolcro, It.)
fresco by Francesca *illus.* **16:**278
Comunale, Villa (park, Naples, It.)
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development during Spanish early modern history **28:**40:2b
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"Comus" (work by Milton) **24:**105:1a
adaptation for Drury Lane Theatre **1:**577:1a
early English opera **24:**629:2a
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Comyn, John (Scot. leader)
relationship to Robert I of Scotland **10:**104:1b
Con Bacach (Irish leader): *see* Tyrone, Conn O'Neill, 1st earl of
"Con gli occhi chiusi" (work by Tozzi)
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Con Son (Viet.) **3:**511:3b
"Con y sin nostalgia" (work by Benedetti)
discussed in biography **2:**93:1a
Con Yu (Bur. rel. leader)
founding of Telakhon **11:**610:2b
Conable, Barber Benjamin, Jr. (Am. pol.): *see* Biographies in the 1987 BRITANNICA BOOK OF THE YEAR
Conacher, Lionel Pretoria (Can. athlete) **3:**511:3b
conacre system (agri.)
Northern Ireland's economy **29:**134:2b
Conakat, *or* Confédération des Associations Tribales du Katanga (Af. pol. party)
influence on Congolese nationalism **15:**654:2b
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Conakry, *or* Konakry (Guin.) **3:**512:1b
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Anjou **19:**525:1b
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history of Brittany **19:**529:1b
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Conant, James Bryant (Am. educ. and sci.) **3:**512:2a
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Conant, Roger (Am. colonial leader)
association with Endecott **4:**489:2a
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role in Aristotelian theory **26:**324:2b
Conca, Sebastiano (It. paint.) **3:**512:3a
contribution to Baroque painting **25:**355:2b
concave diffraction grating (instru.)
invented by Rowland **10:**214:3a
concave function (math.)
significance in optimization theory **25:**220:2a
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major ref. in Biological Coloration **16:**590:1b, *illus.* Plate 3 fol. 591
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for a list of related subjects see PROPAEDIA: Section 312
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for a list of related subjects see PROPAEDIA: Section 621
"Conceited Count, The," *or* "Le Glorieux" (work by Destouches)
discussed in biography **4:**38:1b
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Christian unity **26:**955:1a
concelhos (Port. hist.)
development during Middle Ages **25:**1058:2a
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classification of animal feeds **19:**121:1b, *table*
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ion-exchange equilibria **15:**1073:1a
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concentration (psychol.)
significance in acting technique **28:**528:1b
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France **5:**576:2b
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Belzec **2:**86:1a
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Neuengamme-Ring **8:**619:3a
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psychological study by Bettelheim **2:**177:3a
for a list of related subjects see PROPAEDIA: Section 544
see also extermination camp
concentric fold (geol.): *see* flexural-slip fold
concentric needle electrode (instru.)
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Concentricycloidea (zool.)
classification of Echinodermata **17:**893:1b, *illus.* 890
Concepción (prov., Chile)
historical role of O'Higgins **8:**889:2b
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Concepción Bay (bay, Chile)
physiography of Concepción **3:**513:2b
Concepción de la Vega (Dom.Rep.): *see* La Vega
Concepción del Uruguay (Arg.) **3:**513:3b
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passim to 671:1b
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in philosophical schools and doctrines
Analytic philosophy **24:**5:1b; **25:**609:2a *passim to* 616:1b
Empiricism **25:**617:1b
in philosophy of
Kant **24:**21:1b
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major ref. in Human Learning and Cognition **22:**897:2a
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Piaget's child development theories **9:**682:1b
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for a list of related subjects see PROPAEDIA: Section 435
"Concept of a Riemann Surface, The," *or* "Die Idee der Riemannschen Fläche" (study by Weyl)
discussed in biography **12:**613:2a
"Concept of Culture, The" (work by White)
theories on culture **16:**874:2b
"Concept of Dread, The," *or* "Begrebet angest" (work by Kierkegaard)
discussed in biography **6:**855:1b
place in history of philosophy **25:**765:2b
"Concept of Meter, The" (essay by Beardsley and Wimsatt)
study of prosodic theory **23:**105:2a
"Concept of Mind, The" (work by Ryle)
development of
Analytic philosophy **1:**368:3b
philosophy of mind **24:**120:1a
discussed in biography **10:**271:2a
metaphysical import of central thesis **24:**5:2a
treatment of concepts **3:**513:3b; **25:**610:2a
Conception Bay (Nfd., Can.) **3:**514:2a
"Conception of Buddhist Nirvana" (work by Shcherbatskoy)
discussed in biography **10:**712:1a
conceptismo (Sp. lit.) **3:**514:2b
history of Western literature **23:**227:1a
Spanish literature of the 17th century **28:**79:1b
utilized by Gracián **5:**402:2a
"Concepts and Theories of Modern Physics, The" (work by Stallo)
contribution to Positivism **25:**641:1b
conceptual art
direction in modern art **25:**375:1b
conceptual space (design)
emphasis in modern art **25:**307:2a, *illus.* 308
conceptualism (philos.)
comparison with Realism **9:**974:2b; **24:**7:1b; **25:**591:1b
"Concerning German Nature and Art," *or* "Von deutscher Art und Kunst" (Ger. pub.)
influence on Sturm und Drang **20:**31:2a; **20:**182:2a
"Concerning Spiritual Gifts" (work by St. Hippolytus)
basis for part of Apostolic Constitutions **1:**488:2b
"Concerning the Cause, Principle, and One," *or* "De la causa, principio e uno" (work by Bruno)
discussed in biography **2:**580:3a
place in Renaissance philosophy **25:**757:1a
"Concerning the Consolation of Philosophy" (work by Boethius): *see* "Consolation of Philosophy"
"Concerning the Dogma of Redemption" (work by Khrapovitshy)
discussed in biography **1:**469:2a
"Concerning the End for Which God Created the World" (work by Edwards)
discussed in biography **4:**382:1a
"Concerning the Relations of Great Britain, Spain and Portugal . . . as Affected by the Convention of Cintra" (essay by Wordsworth)
place in English literature **18:**595:1b
"Concerning the Spiritual in Art," *or* "Uber das Geistige in der Kunst" (work by Kandinsky)
contribution to
modern art **25:**370:2b
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discussed in biography **6:**712:3a
"Concerning Vernacular Eloquence," *or* "De vulgari eloquentia" (work by Dante)
discussed in biography **3:**878:3a; **16:**973:2a
place in Italian literature **22:**153:2b
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views on Cino da Pistoia **3:**325:1a
concert (mus.)
history of popular musical performance **24:**503:2b
"Concert, A" (paint. by Honthorst)
styled after Caravaggio *illus.* **6:**41
"Concert, The" (paint. by Titian)
discussed in biography **28:**696:1a
"Concert champêtre" (work by Poulenc)
discussed in biography **9:**648:1b
"Concert champêtre, Le" (paint. attributed to Giorgione)
use of fête champêtre **4:**753:2a
"concert européen, Au" (drawing by Seurat)
use of graphite in drawing **17:**429:1a
"Concert for Piano and Orchestra" (work by Cage)
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"Concert for Violin, Piano, and String Quartet" (work by Chausson)
discussed in biography **3:**142:1b
concert horn (mus. instru.): *see* mellophone
"Concert in the Tuileries Gardens" (paint. by Manet)
place in modern art **25:**367:1b
Concert of Europe (Eur. hist.): *see* Europe, Concert of
concertato (mus.)
development in Baroque music **24:**556:1b
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for a list of related subjects see PROPAEDIA: Section 624
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use by snakes **26:**762:1b
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concertino (mus.): *see* Konzertstück
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major ref. in Musical Forms and Genres **24:**590:2b
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for a list of related subjects see PROPAEDIA: Section 624
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type of concerto grosso **3:**515:1b
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Baroque music **24:**557:1b
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for a list of related subjects see PROPAEDIA: Section 624
see also chamber sonata; church sonata; and individual composers by name, *e.g.*, Corelli, Arcangelo; Vivaldi, Antonio
"Concerto grosso" (work by Martinu)
discussed in biography **7:**893:3b
"Concerto in A Major, K. 488" (concerto by Mozart)
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"Concerto No. 1 for Piano and Orchestra" (concerto by Chávez)
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Concertstück (mus.): *see* Konzertstück
"Concertstück" (work by Chaminade)
discussed in biography **3:**70:2a
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Concessionary Rules (sports)
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Concha, La (bay, Sp.)
San Sebastián **10:**400:2b
Concha, Malaquías (Chil. pol.)
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Conchobar mac Nessa (leg. Irish k.): *see* Conor
conchoid form, *or* shell form (math.)
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physiography of Mexico **24:**30:2b, *map* 28
Conchostraca (biol.)
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Conciergerie (bldg., Paris, Fr.)
architecture of Paris **25:**433:1b
"Concierto barroco" (work by Carpentier y Valmont)
discussed in biography **2:**893:1a
Conciliación Nacional, Partido de (El Sal. pol. party): *see* National Conciliation Party
"Conciliador" (work by Manasseh ben Israel)
discussed in biography **7:**758:3a
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Council of Trent **16:**312:2a
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Gallicanism **5:**92:1a
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"Conciliatore, Il" (It. period.)
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"Conciliorum Collectio Regia Maxima: Acta Conciliorum . . ." (work by Hardouin)
discussed in biography **5:**700:2a
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Concilium Principis
establishment by Augustus **20:**335:2b
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"Concini, maréchal d'Ancre" (work by d'Alméras)
biography of Concini **3:**516:1b
"Concise Encyclopædia Britannica," *or* "Chien-ming Pulieh-tien Pai-k'e Ch'uan-shu," *or* "Jianming Buliedian Baike Quanshu" (Chin. encyc.) **3:**516:1b
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"Concluding Unscientific Postscript to the Philosophical Fragments. A Mimic-Pathetic-Dialectic Composition, an Existential Contribution" (work by Kierkegaard)
criticism of Hegelianism **20:**557:1a
discussed in biography **6:**855:2b
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conclusion (philos.)
major ref. in The History and Kinds of Logic **23:**235:2a, 251:1a, 280:1a
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"Conclusion, The" (film by Ray)
discussed in biography **9:**963:3a
Concolorcorvo (Sp. writ.): *see* Carrío de la Vandera, Alonso
Concord (Calif., U.S.) **3:**516:3a
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"Concord, Book of" (work by Chemnitz) **3:**517:2a
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Concord coach **3:**517:2b
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"Concordance" (work by Marbeck)
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for a list of related subjects see PROPAEDIA: Section 827
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Congregation of Rites (Roman Cath. Church): *see* Sacred Congregation for Divine Worship
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see also Senate; Representatives, House of
"Congress of Vienna" (paint. by Isabey)
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Congress Poland (Pol. hist.): *see* Congress Kingdom of Poland
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CPD (star catalog): *see* Cape Photographic Durchmusterung
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CPI (psychol.): *see* California Psychological Inventory
CPM: *see* critical path analysis
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CPP-ML (pol. party, Phil.): *see* Communist Party of the Philippines, Marxist-Leninist
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"Defence of Philosophic Doubt" (work by Balfour)
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"Defence of Usury" (work by Bentham)
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"Detstvo" (work by Gorky): *see* "My Childhood"
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discussed in biography **5:**387:2a
Deutsche Schauspielhaus (thea., Hamburg, W.Ger.)
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"Deux amis de Bourbonne, Les" (work by Diderot)
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"Deux Journées, Les" (work by Cherubini): *see* "Two Days, The"
"Deux livres des venins" (work by Grêvin): *see* "Two Books of Poisons"
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Deux-Sevres (dept., Fr.) **4:**44:1b
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"Deuxième Sexe, Le" (work by Beauvoir): *see* "Second Sex, The"
D'euze, Jacques (pope): *see* John XXII
Dev, Guru (Indian guru)
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"Discourses of the Brothers of Purity" (Islamic philos. encyc.): *see* "Rasa'il Ikhwan as-Safa' wa Khillan al-Wafa' "
"Discourses on Architecture," *or* "Entretiens sur l'architecture" (work by Viollet-le-Duc)
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"Discourses on Davila" (work by Adams)
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"Discourses on the First Ten Books of Livy," *or* "Discorsi sopra la prima deca di Tito Livio" (work by Machiavelli)
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"Discourses Upon Trade: Princcipally Directed to the Case of the Interest, Coynage, Clipping, Increase of Money (work by North)
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"Discoverie of Guiana, The" (work by Raleigh)
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space exploration **19:**54:2a, *illus.* Plate 1 fol. 42
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exploration of the Americas **24:**987:1b
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Discovery deep (mineral deposits, Red Sea)
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"Discovery of the Great West" (work by Parkman): *see* "La Salle and the Discovery of the Great West"
"Discovery of Witches, The" (pamphlet by Hopkins)
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"Discussion of Heaven, A" (essay by Hsün-tzu)
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"Discussion of Music, A" (essay by Hsün-tzu)
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"Diseases of the Heart" (work by Mackenzie)
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"Diseases of Workers," *or* "De Morbis Artificum Diatriba" (work by Ramazzini)
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Marx, The," *or* "Karl Marx' ökonomische Lehren" (work by Kautsky)
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"Economic Interpretation of the Constitution of the United States, An" (work by Beard)
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"Economic Organization" (work by Knight)
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"Economic Origins of Jeffersonian Democracy, The" (work by Beard)
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"Écrits de jeunesse" (work by Michelet)
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English longbow, *or* Welsh longbow (weapon)
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for a list of related subjects see PROPAEDIA: Section 313

"English Poets and Scotch Reviewers" (poem by Byron)
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English porcelain: *see* ironstone china

"English Pronouncing Dictionary, An" (compilation by Jones)
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"English Reprints" (work by Arber)
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for a list of related subjects see PROPAEDIA: Section 628

English setter (dog)
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English sonnet, *or* Shakespearean sonnet (poetic form)
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English sparrow (bird): *see* house sparrow

English springer spaniel (breed of dog)
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English style: *see* natural style

English sweat (disease): *see* sweating sickness

English toy spaniel (breed of dog) **4:**502:2b

"English Traits" (work by Emerson)
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English truffle, *or* Tuber aestivum (biol.)
description **12:**2:3a

English walnut (bot.): *see* Persian walnut

English water ton (weights and meas.)
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English yew, *or* common yew, *or* European yew, *or* Taxus baccata (bot.) **4:**502:3a
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for a list of related subjects see PROPAEDIA: Section 313

"Englishe Scholemaister, teachinge all his schollars of what age soever the most easie short & perfect order of distinct readinge & true writinge our Englishe tonge, The" (work by Coote)
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Engström, Albert (Swed. au.)
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for a list of related subjects see PROPAEDIA: Section 624

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Enhydrina schistosa (reptile): *see* beaked sea snake

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Enicocephalidae: *see* unique-headed bug

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"Enki and Ninhursag" (Mesop. myth)
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Enkō Daishi (Buddhist pr.): *see* Hōnen

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"Enquiry into the Extent of and Stability of National Resources, An" (work by Chalmers)
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"Enquiry into the Nature and Effects of the Paper Credit of Great Britain" (work by Thornton)
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"Enquiry Into the Nature of Certain Nineteenth Century Pamphlets, An" (work by Carter and Pollard)
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"Ethics and Language" (work by Stevenson)
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"Ethics and Moral Science," *or* "La Morale et la science des moeurs" (work by Lévy-Bruhl)
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"Ethik" (work by Bonhoeffer): *see* "Ethics"
"Ethik des Judentums, Die" (work by Lazarus)
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Poncet's travels **9**:595:3b
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Ucciali Treaty **12**:100:3b
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Ethniki Rizospastiki Enosis (Gr. pol. party): *see* National Radical Union
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"Etiquette: The Blue Book of Social Usage," *or* "Etiquette in Society, in Business, in Politics and at Home" (work by Post)
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Etna, *or* Aetna, *or* Mongibello (volcano, It.) **4**:584:3a
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"Étranger, L' " (novel by Camus): *see* "Stranger, The"
"Être et le néant, L' " (work by Sartre): *see* "Being and Nothingness"
"Etrénes de poezie fransoèze en vers mezurés" (work by Baif)
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"Études d'historie religieuse" (work by Renan): *see* "Studies of Religious History"
"Études évangéliques" (book by Loisy)
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"Études expérimentale de l'intelligence, L' " (work by Binet)
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"Études sur les glaciers" (work by Agassiz)
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"Études sur les moyens de communication avec les planètes" (book by Cros)
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"Études sur l'histoire de l'humanité" (work by Laurent)
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"Études symphoniques" (work by Schumann): *see* "Symphonic Studies"
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for lists of related subjects see PROPAEDIA: Sections 333; 421
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for a list of related subjects see PROPAEDIA: Section 423
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for a list of related subjects see PROPAEDIA: Section 421
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major ref. in Sensory Reception **27:**203:1a
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"Eyn sheyn mayse-bukh" (Jewish book): *see* "Beautiful Story Book, A"
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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 221
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Fa-hsien, *or* Faxian, *or* Sehi (Chin. Buddhist monk) **4:**645:2b
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"Fa-yen" (work by Yang)
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Fabales, *or* Leguminales (bot. order) **4:**646:2a
major ref. in Angiosperms **13:**738:2a
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for a list of related subjects see PROPAEDIA: Section 313
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Faber, Cecilia Böhl de (Sp. writ.): *see* Caballero, Fernán
Faber, Frederick William (Br. theol.) **4:**647:1a
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Faber, John Eberhard (Ger. mfr.) **4:**647:1b
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Faber, Peter, *or* Pierre Lefevre, *or* Pierre Favre, *or* Petrus Faber (Fr. theol.) **4:**647:2a
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Anglo-Norman **1:**409:2a
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for a list of related subjects see PROPAEDIA: Section 621
"Fable, A" (novel by Faulkner)
discussed in biography **4:**700:3b
"Fable of Orpheus, The," (opera by Monteverdi): *see* "Orfeo, La favola d' "
"Fable of the Bees, The," *or* "The Grumbling Hive, or Knaves Turn'd Honest" (work by Mandeville)
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"Fables" (work by Gay)
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"Fables Ancient and Modern" (work by Dryden)
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"Fables and Tales" (work by Gellert): *see* "Fabeln und Erzählungen"
"Fables and Tales" (work by Ramsay)
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"Fables for Children" (published by H. V. Kaalund)
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"Fables for Our Time" (work by Thurber)
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"Fables in Slang" (work by Ade)
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"Fables of Bidpai, The" (Indian lit.): *see* Panca-tantra
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Fabre, Émile (Fr. dram.) **4:**649:1a
Fabre, François-Xavier (Fr. paint.)
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Fabre, Jean Henri (Fr. entom.) **4:**649:1a
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Fabrici, Geronimo: *see* Fabricius ab Aquapendente, Hieronymus
Fabricio, Ponte (bridge, Rome, It.)
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Defenestration of Prague **9:**662:3a
Fabricius, Johann Albert (Ger. schol.) **4:**649:2a
Fabricius, Johann Christian (Dan. entom.) **4:**649:3a
Fabricius, Johannes (Du. astron.) **4:**649:3b
Fabricius ab Aquapendente, Hieronymus, *or* Geronimo Fabrizio, *or* Girolamo Fabrici (It. surg.) **4:**649:3b
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Fabricius Luscinus, Gaius (Roman states.) **4:**650:1a
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Fabrizi, Nicola (It. rev.) **4:**650:2b
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Fabry-Pérot interferometer, *or* Fabry-Pérot etalon (sci. instru.)
major ref. in optical interferometer **8:**971:2a
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Fabry's disease, *or* angiokeratoma corporis diffusum (path.) **4:**650:3b
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for a list of related subjects see PROPAEDIA: Section 423
fabula Atellana, *or* Atellan play (It. drama) **4:**651:1a
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for a list of related subjects see PROPAEDIA: Section 621
"Fábula de Acis y Galatea" (work by Carrillo y Sotomayor)
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"Fábula de Polifemo y Galatea" (work by Góngora y Argote)
discussed in biography **5:**359:2b
"Fábula del Genil" (work by Espinosa)
discussed in biography **4:**561:1a
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"Fábulas morales" (work by Samaniego)
discussed in biography **10:**373:2b
"Fabulous Furry Freak Brothers" (cartoon strip)
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Facchinetti, Giovanni Antonio (pope): *see* Innocent IX
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for a list of related subjects see PROPAEDIA: Section 334
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face brick (const.)
uses **2:**510:1b
face-centred cubic structure (crystall.)
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"Face of the Male, The," *or* "Twarz mezczyzny" (work by Kuncewiczowa)
discussed in biography **7:**34:1a
"Face of the Moon, The" (book by Baldwin)
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"Fachowiec" (work by Berent)
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for a list of related subjects see PROPAEDIA: Section 421
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for a list of related subjects see PROPAEDIA: Section 629
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diodes **4**:436:2a; **15**:230:2b
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Fletcher, Alice Cunningham (Am. anthro.) **4**:830:1a
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major ref. in Number Games and Other Mathematical Recreations **25**:9:2b
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rock deformation **24**:196:1b, *illus.*
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major ref. in Transportation **28**:821:1b
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discussed in biography **10**:530:2a
"Flight into Egypt" (work by Bassano)
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Puritanism **9**:809:3b; **26**:215:2a
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Friends of God, *or* Gottesfreunde (rel. group) **5**:11:1a
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Friends of the People, Society of the (Br. pol.)
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Friends Service Council (org.)
Quaker history **26**:256:1b
Friends United Meeting, *or* Five Years Meeting of Friends (rel. org.) **5**:11:1b
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Friends World Committee for Consultation, *or* FWCC (rel. org.) **5**:11:1b
friendship (philos.)
Epicureanism **25**:582:2a, 583:2a
Friendship (pipeline, U.S.S.R.): *see* Druzhba
"Friendship 7" (U.S. spacecraft)
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description **9**:441:2b
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Fries, Elias Magnus (Swed. bot.) **5**:11:2a
Fries, Ernst (Ger. paint.)
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Fries, Jakob Friedrich (Ger. philos.) **5**:11:2b
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role in Fries's Rebellion **5**:12:1a
Friese-Greene, William (Br. motion-picture pioneer) **5**:11:3a
Friesisch (Ger. dial.): *see* Frisian language
Friesland (prov., Neth.) **5**:11:3b
capital at Leeuwarden **7**:240:1b
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Romanesque architecture **13**:987:2a
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Friesz, Othon (Fr. art.)
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Greek temples **4**:185:3b; **27**:66:1a, *illus.* 70
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guns **5**:569:1b
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Frigidus River, Battle of *or* Battle of Aquileia (Roman Empire)
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Frisch, Frank, *or* Francis Frisch, *or* The Fordham Flash (Am. athlete) **5**:13:3b
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Hahn **5**:616:3a
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history of fission research **14**:368:2a
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Frisco, The (Am. Co.): *see* Saint Louis-San Francisco Railway Company
Frisi, Paolo (It. phys.) **5**:14:3b
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Merovingian Age **19**:451:1b, *map*
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Frisian (people)
major ref. in Frisia **5**:14:3b
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East Friesland population **4**:327:3a
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Frisian carving (furniture) **5**:15:1a
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Frisius, Gemma (Flem. math.)
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frit fly, *or* chloropid fly (insect) **5**:15:3b
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Frith, Francis (Br. phot.)
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Frith, Mary (Eng. criminal): *see* Moll Cutpurse
Frith, William Powell (Br. paint.) **5**:16:1a
"Frithiofs saga" (work by Tegner)
place in Swedish literature **27**:15:1b
Fritillaria imperialis (bot.): *see* crown imperial
Fritillaria meleagris (bot.): *see* snake's head
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Frobenius, F. G. (chem.)
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Frobenius, Ferdinand Georg (Ger. math.) **5**:17:1a
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Frobenius, Johannes (Swiss print.): *see* Froben, Johann
Frobenius, Leo Viktor (Ger. ethnol.) **5**:17:1a
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Froberger, Johann Jakob (Ger. comp.) **5**:17:2a
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Drake **4**:212:2a
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England **29**:55:1a
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Frobisher Bay (bay, Can.) **5**:17:2b
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Blow **2**:296:1b
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Froebelism (educ.)
Froebel's philosophy of education **5**:18:1a
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Froehlich, John (Am. inv.)
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major ref. in Amphibians **13**:430:1b, *illus.* 423, 424
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Frog (Sov. rocket)
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frogfish, *or* Antennariidae (fish) **5**:18:3b
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for a list of related subjects see PROPAEDIA: Section 313
froghopper, *or* spittlebug, *or* cuckoo spit insect, *or* Cercopidae (insect) **5**:19:1a
major ref. in Insects **21**:621:1a, *illus.*
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frogmouth, *or* Podargidae (bird) **5**:19:2a
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"Frogs, The," *or* "Batrachoi" (play by Aristophanes)
costume style **28**:602:2a
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frog's lettuce, *or* Potamogeton densus (bot.)
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Zuckmayer)
discussed in biography **12:**939:1b
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for a list of related subjects see PROPAEDIA: Section 423
Frohman, Charles (Am. thea. manag.) **5:**19:2b
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Adams **1:**87:1a
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Frohschammer, Jakob (Ger. pr. and philos.) **5:**19:3a
"Frohsinn" (dance)
Shawn's portrayal *illus.* **10:**710
Froissart, Jean (Fr. poet and hist.) **5:**20:1a
contribution to
Belgian literature **2:**60:3b
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Frolinat (pol. party, Chad): *see* Liberation Nationale du Tchad, Front de la
Frolov, Vadim (Russ. au.)
contribution to children's literature **23:**220:1b
"From a Crooked Rib" (work by Farah)
discussed in biography **4:**681:3a
"From Day to Day," *or* "Z dnia na dzien" (work by Goetel)
discussed in biography **5:**330:1a
"From Here to Eternity" (novel by Jones)
dimension in novels **23:**128:2a
discussed in biography **6:**608:1a
"From Immigrant to Inventor" (work by Pupin)
discussed in biography **9:**804:2a
"From Man to Man" (work by Schreiner)
discussed in biography **10:**537:2a
"From Midshipman to Rear-Admiral" (work by Fiske)
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"From the Mixed-Up Files of Mrs. Basil E. Frankweiler" (work by Konigsburg)
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"From the New World Symphony," *or* "Symphony No. 9 in E. Minor" (work by Dvorák)
discussed in biography **4:**305:2a
infusion of folk elements **24:**583:1b
"From the Other Shore," *or* "Stogo berega" (work by Herzen)
discussed in biography **5:**895:1b
philosophical writing as literature **23:**190:2b
"From Tradition to Gospel," *or* "Die formgeschichte des Evangeliums" (work by Dibelius)
discussed in biography **4:**72:3b
"From Two to Five," *or* "Malenkiye deti," *or* "Ot dvukh do pyati" (work by Chukovsky)
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Frome, Lake (l., Austr.) **5:**20:1b
Froment, Nicolas (Fr. paint.) **5:**20:2a
portrait of René I *illus.* **9:**1025
Fromentin, Eugène (Fr. paint.) **5:**20:2b
Fromm, Erich (Am. psychol.) **5:**20:3a
alienation **1:**271:1a
collective behaviour **16:**564:2b
mental disorder **23:**959:2b
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Fromm, Friedrich (Ger. gen.)
role in July Plot **6:**650:2a
Fromming, Hans (Ger. harness race driver)
comparison to Filion **4:**777:2b
"Fromont jeune et Risler aîné" (novel by Daudet)
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Anjou **19:**526:1a
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Marseille **23:**572:2a
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Harcourt **5:**695:3a
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Louis XIV **7:**500:2a
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Chavigny et de Buzancais **3:**143:2b
Chevreuse **3:**184:1b
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La Rochefoucauld **7:**72:2a
Longueville, Anne-Genevieve **7:**470:2a
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Montpensier **8:**295:2a
Orléans **8:**1003:3a
Retz **10:**3:2b
Séguier **10:**608:2b
Turenne **12:**51:1b
Frondizi, Arturo (pres. of Arg.)
role in history of Argentina **14:**57:1a
Fronsberg, Georg von (Ger. soldier): *see* Frundsberg, Georg von
front (meteorol.) **5:**21:2b
fog formation **4:**857:2b
weather disturbances **16:**455:2b, 471:2a, 480:2a
weather forecasting **16:**511:2b
for a list of related subjects see PROPAEDIA: Section 223
Front de . . . : *see under* substantive word, *e.g.,* Libération du Québec, Front de, except as below
Front de Libération Nationale (pol. party, Alg.): *see* National Liberation Front
Front de Seine (section, Paris, Fr.)
feature of Paris **25:**437:2b
Front for the Defense of Constitutional Institutions, *or* FDIC (Mor. govt.)
role in Morocco **24:**949:1a
Front for the Liberation of Occupied South Yemen, *or* FLOSY (pol. org., Yem. [Aden])
role in history of
Aden **1:**95:1b
Yemen (Aden) **13:**904:1b
Front National Tchadien, *or* FNT (pol. party, Chad)
role in Chad's government **29:**857:2a
"Front Page, The" (play by Hecht and MacArthur)
discussed in biography **5:**793:2b
Front Range, *or* Blue Mountains (mts., Les.)
Maluti Mountains **7:**742:2b
Front Range (mts., Colo., U.S.) **5:**21:3b
Rocky Mountains **10:**127:1b; **24:**998:1a, *illus.* 997, 999; **29:**156:2a
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front vowel (ling.)
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mechanical systems **28:**780:2a
frontal assault (warfare)
tactics of attack **29:**668:2a
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frontal cyclone (meteorol.): *see* extratropical cyclone
frontal inversion (meteorol.)
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frontal nerve (anat.)
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Frontenac, Fort (ft., Ont., Can.)
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Frontenac, Louis de Buade, comte de Palluau et de (Fr. colonial gov.) **5:**22:1a
association with La Salle **7:**74:2b
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King William's War **6:**874:2a
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Frontenac Axis (rock belt, N.Am.)
Ottawa-St. Lawrence lowlands **15:**483:2b
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Frontier Defense Force, *or* WOP (Pol. mil. unit)
role in Polish security service **25:**919:1a
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frontier school (historiography)
development by Turner **12:**64:2a
Frontiers, Battle of the (Eur. hist.)
importance in World War I **29:**985:2a
Frontinus, Sextus Julius (Roman gov. and au.) **5:**22:3a
Fronto, Marcus Cornelius (Roman orator) **5:**22:3b
association with Marcus Aurelius **7:**828:2b
role in Roman Empire history **20:**346:1a
frontogenesis (meteorol.)
formation of tropical cyclone **16:**480:2a
fronton (sport arena)
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Frontoniani (Roman schol. group)
following of Fronto **5:**22:3b
Froome, Keith Davy (Br. sci.)
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Frosinone, *or* Frusino (It.) **5:**22:3b
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association with permafrost **20:**803:2b
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"Gallus" (work by Becker)
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Gallus, Aelius (Roman offi.)
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Gama, Estêvão da (Port. nobleman)
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Cabral **2:**708:1b
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"Genius of Christianity, The," *or* "Génie du christianisme" (work by Chateaubriand)
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"Genizah Documents (Egy. hist.)
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"Genji monogatari" (novel by Murasaki Shikibu): *see* "Tale of Genji, The"
Genk, *or* Genck (Belg.) **5**:181:2b
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Genlis, Madame de (Fr. au.)
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Gennadius of Marseilles (Fr. theol.) **5**:182:1a
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Gennep, Arnold van, *or* Charles-Arnold Kurr van Gennep (Fr. anthro.) **5**:182:2a
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Genoino, Guilio (It. law.)
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genos (sociol.): *see* aristocratic clan
genotype (biol.) **5:**183:2b
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animal behaviour **14:**632:1a
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Genouilly, Charles Rigault de (Fr. adm.): *see* Rigault de Genouilly, Charles
Genovefa (Fr. St.): *see* Geneviève, Saint
Genovese, Vito, *or* Don Vitone (Am. gangster) **5:**183:2b
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Genovesi, Antonio (It. philos. and econ.) **5:**183:3a
Genpachi (Japanese art.): *see* Okumura Masanobu
genre, literary (art): *see* literary genre
genre painting (visual arts) **5:**184:1a
major ref. in The Art of Painting **25:**318:2b, *illus.* Plates 1, 2, and 4–8 fol. 314; Plates 1 and 7–12 fol. **25:**346, Plates 14 and 17–25 fol. 370
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Genseric (k. of Vandals): *see* Gaiseric
Gensfleisch zur Laden, Johannes (Ger. inv.): *see* Gutenberg, Johannes
Genshō (emp. of Japan)
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Gent, Joos van (Flem. paint.): *see* Justus of Ghent
"Gente in Aspromonte" (work by Alavdo): *see* "Revolt in Aspromonte"
gentes (kinship group): *see* gens
Gentex (telecommunications system)
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Gentianales (bot.) **5:**184:3a
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Gentile, Giovanni (It. philos.) **5:**185:2b
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Gentile da Fabriano, *or* Niccolo di Giovanni di Massio (It. paint.) **5:**185:2b
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Gentileschi, Orazio, *or* Orazio Lomi (It. paint.) **5:**186:1a
Gentili, Alberico (It. jur.) **5:**186:2a
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Gentili, Luigi, *or* Aloysius Bonaventura Francesco Camillus Gentili (Roman Cath. missionary) **5:**186:2b
Gentilianus, Amelius (Roman philos.)
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Gentle, Randir Singh (Indian sportsman) **5:**186:2b
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"Gentleman from Indiana, The" (novel by Tarkington)
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"Gentleman in Blue," *or* "Ariosto" (paint. by Titian)
discussed in biography **28:**696:1a
Gentleman Jackson (Br. athlete): *see* Jackson, John
Gentleman Jim (Am. boxer): *see* Corbett, James John
Gentleman Usher of the Black Rod (Eng. hist.): *see* Black Rod
"Gentleman's Agreement" (work by Hobson)
problem novel **9:**715:1b
"Gentleman's Journal" (Eng. period.) magazine publishing history **26:**482:2a
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Gentlemen vs. Players match (cricket match)
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Gentlemen's Agreement (U.S.-Japanese agreement) **5:**186:3a
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gentoo penguin, *or* Pygoscelis papua (bird)
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Gentry, Charter to the, *or* Charter to the Nobility (Russ. hist.) **5:**186:3b
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Gentz, Friedrich, *or* Friedrich von Gentz (Ger. pol. journ.) **5:**187:1a
association with Metternich **8:**75:2b
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Gentz, Ismael (Ger. paint.)
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Gentzen, Gerhard (Ger. math.)
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mathematics **23:**601:2a
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Genuine Lutherans (rel. sect.): *see* Gnesio-Lutherans
Genuine Republican Party, *or* Partido Republicano Geniuno (Bol. pol. party)
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Genzō (Japanese dram.): *see* Tsuruya Namboku IV
Geo-Zoo (Ger. zoo): *see* Hellabrun Zoo
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Geochelone elephantopus: *see* Galápagos tortoise
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"Geochemical Laws of the Distribution of the Elements The," *or* "Geochemische Verteilungsgesetze der Elemente" (work by Goldschimdt)
discussed in biography **5:**346:2a
geochemical prospecting (exploration technique)
mines and quarries **21:**340:2b
geochemistry **5:**188:2b
major ref. in The Earth Sciences **17:**586:1b
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Goldschmidt **5:**346:1b
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for a list of related subjects see PROPAEDIA: Section 10/33
"Geochronologia Suecica Principles" (work by De Geer)
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Geodetic Reference System 1967
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geoduck, *or* Pacific geoduck, *or* Panopea generosa (clam) **5:**189:1b
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for a list of related subjects see PROPAEDIA: Section 313
Geodynamics Experimental Ocean Satellite, *or* GEOS
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Geoffrey (archbp. of York)
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Geoffrey I Grisegonelle (count of Anjou)

history of France **1**:422:3a; **19**:458:2b, 525:1b
Geoffrey II, *or* Geoffrey Martel, *or* Geoffroi Martel (count of Anjou) **5**:189:1b
Angevin expansion **1**:422:3a; **19**:458:2b, 525:1b
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Geoffrey III the Bearded (count of Anjou)
conflict with Fulk IV le Réchin **19**:525:1b
Geoffrey IV, *or* Geoffrey Plantagene, *or* Geoffrey the Fair, *or* Geoffroi Plantagenet, *or* Geoffroi le Bel (count of Anjou) **5**:189:2a
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conflict with Louis VII **7**:496:1b
heraldry **20**:576:1b, *illus.*
history of Anjou **19**:525:1b
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Geoffrey IV, *or* Geoffrey Plantagenet, *or* Geoffroi Plantagenet (duke of Brittany) **5**:189:2b
role in Angevin Empire **1**:404:1a
Geoffrey Martel (count of Anjou): *see* Geoffrey II
Geoffrey of Monmouth (Eng. bp. and chronicler) **5**:189:2b
"Aeneid" influence **20**:625:2b
Arthurian legend propagation **1**:603:3a; **19**:565:2b; **23**:121:1a
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Biondo's criticism **20**:628:2b
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Geoffrey Plantagenet, *or* Geoffrey the Fair (count of Anjou): *see* Geoffrey IV
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Geoffrin, Marie-Thérèse Rodet (Fr. hostess) **5**:189:3b
Geoffroi Martel (count of Anjou): *see* Geoffrey II
Geoffroi Plantagenet, *or* Geoffroi le Bel (count of Anjou): *see* Geoffrey IV
Geoffroi Plantagenet (duke of Brittany): *see* Geoffrey IV
Geoffroy, Étienne-François, *or* Geoffroy l'Aîné, *or* Geoffroy the Elder (Fr. chem.) **5**:190:1a
Geoffroy Saint-Hilaire, Étienne (Fr. nat.) **5**:190:1b
association with Cuvier **3**:815:1a
establishment of teratology **20**:413:1b
Geoffroy Saint-Hilaire, Isidore (Fr. zool.) **5**:190:2b
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Geoffroy the Elder (Fr. chem.): *see* Geoffroy, Étienne-François
Geoffroy's cat, *or* Felis geoffroyi (mammal) **5**:190:2b
Geoglossum (biol.): *see* Ascomycetes
geognosy (geol.)
definition by Werner **12**:583:1a
Geografia, Conselho Nacional de (geog. council, Braz.)
exploration of the Amazon River **27**:710:2a
"Geographia generalis" (work by Varenius)
discussed in biography **12**:270:2a
importance in history of geography **19**:918:1a
geographic cycle: *see* geomorphic cycle
"Geographic Distribution of Animals, The" (work by Wallace)
zoogeographic regions **14**:1018:1a
geographic equator, *or* terrestrial equator (geog.)
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Geographic Names, Board on, *or* BGN (U.S. govt. agency) **5**:190:3a
coordination of geographic names **23**:524:2b
geographic race **5**:190:3a
major ref. in Human Evolution **18**:967:2b, *illus.* 970, 971
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for a list of related subjects see PROPAEDIA: Section 412
see also local race; and specific geographical races, *e.g.,* African Pygmy local race; Negroid geographical race
Geographic Society (glacier, U.S.S.R.)
Pamir Mountain Area **14**:244:2b
geographic speciation, *or* allopatric speciation (biol.)
major ref. in The Theory of Evolution **18**:1000:1a
population genetics **19**:724:1b
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geographic tongue (path.)
forms of glossitis **5**:306:1b
Geographical and Geological Museum (museum, São Paulo, Braz.)
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Geographical Exploration, Institute of (U.S.)
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geographical isolation
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geographical latitude (geog.)
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"Geographical Pivot of History, The" (work by Machinder)
discussed in biography **7**:639:1a
"Géographie universelle" (Fr. monograph)
importance in regional studies **19**:919:1b
"Geographike hyphegesis" (work by Ptolemy): *see* "Guide to Geography"
Geographos (astron.)
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Alberti **1**:217:3a
Hakluyt **5**:626:1b
Hellenistic studies **20**:301:2b
Hipparchus **5**:938:2b
Humboldt **6**:141:2a
Idrisi **6**:243:3a
Islamic geographers **22**:53:2b
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Ptolemy **9**:776:1a
Strabo **11**:296:2b
Varenius **12**:270:2a
development in medieval China **16**:111:2a
development of mapping and surveying **23**:516:1a
encyclopaedias of geography **18**:379:1b
explorations **18**:857:1b
feature of Scandinavian literature **27**:10:1b
see also related disciplines, *e.g.,* geomorphology; paleogeography; various processes of change in geographical configuration, *e.g.,* geomorphic processes; volcanism; and under specific features, *e.g.,* oceans, regions, rivers, countries, and cities by name
"Geography" (work by Strabo)
discussed in biography **11**:296:2b
"Geography Made Easy" (work by Morse)
discussed in biography **8**:340:2a
geoid (geol.) **5**:191:2a
measurement of Earth **17**:534:1b, 536:2a, *illus.* 538, 545
study in Earth sciences **17**:587:2b
use of surveying **23**:531:1b
for a list of related subjects see PROPAEDIA: Section 211
"Geologic Map of England and Wales with part of Scotland" (work by Smith)
development of geological sciences **17**:575:1b
geologic oceanography: *see* marine geology
geological barometry: *see* geobarometry
geological engineering: *see* engineering geology
"Geological Essays" (work by Kirwan)
discussed in biography **6**:892:2b
Geological Long-Range Inclined Asdic (oceanography): *see* Gloria
Geological Museum (museum, Lima, Peru)
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Geological Survey, U.S.: *see* United States Geological Survey
geological thermometry: *see* geothermometry
geological time scale
major refs. in Geochronology **19**:760:2a
contribution by
Holmes **6**:11:3b
Joly **6**:603:3b
Lapworth **19**:837:2b
dating techniques **19**:779:2b, *illus.* 780
pollen stratigraphy **19**:818:1a
radiometric dating **17**:587:1b
see also specific eras, periods, and epochs, *e.g.,* Cambrian Period
geology **5**:191:2b
see PROPAEDIA: Part Two for the subject matter of geology; Part Ten, Division III for the nature and scope of geology
major ref. in The Earth Sciences **17**:582:2b
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archaeology **20**:637:2b
cyclothem **3**:822:1a
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gravitation studies **20**:219:2b
mining and quarrying **21**:340:2b
paleogeography **9**:78:1a
paleogeology **9**:78:3a
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tunnel construction **26**:442:1a
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Bertrand **2**:162:3a
Darwin **16**:977:2b
Hutton **6**:176:3b
Leibniz **7**:250:3a
Lyell **7**:585:3a
Smith **10**:899:3a
history **4**:321:3b
use of Landsat images **19**:34:2a
see also branches of geology, *e.g.,* astrogeology; economic geology; geophysics; glacial geology; historical geology; mineralogy; petrology; sedimentology; stratigraphy; volcanology; concepts and theories of geology, *e.g.,* catastrophism; uniformitarianism; and individual geologists and geological structures by name
"Geology of New York" (work by Hall)
discussed in biography **5**:639:3a
"Geology of the Comstock Lode and Washoe District" (work by Becker)
discussed in biography **2**:30:3a
"Geology of the Marysville Mining District, Montana" (work by Barrell)
discussed in biography **1**:914:3b
geomagnetic dynamo (geophys.)
major ref. in The Earth **17**:549:1a
geomagnetic field (geophys.) **5**:191:3a
major ref. in The Earth **17**:545:2b
dipolar hypothesis **4**:115:2b
dynamo theory **4**:309:3b
magnetic storms **7**:685:1a
polar wandering **9**:556:1b
satellite observation **19**:56:2b
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geomagnetic polar reversal (geophys.): *see* polar wandering
geomagnetic pole (geophys.)
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geomagnetic reversal (geophys.): *see* polar wandering
geomagnetic storm (geophys.): *see* magnetic storm
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"Geometriae Pars Universalis" (work by Gregory)
discussed in biography **5**:486:1a
geometric dilution, *or* trituration (chem.)
pharmaceutical preparation **21**:274:1b
geometric growth: *see* exponential growth
geometric lattice (math.)
major ref. in Algebra **13**:273:2b
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major ref. in Number Theory **25**:29:1b
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Geometric period (Gr. hist.)
major ref. in Classical Greco-Roman Civilization **20**:240:1b
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geometric perspective (indus. engin.)
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major refs. in Decorative Arts and Furnishings **17**:107:1a; The History of Western Painting **25**:325:2b, *illus.* 326
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"Grundlagen einer allgemeinen Mannigfaltigkeitslehre" (work by Cantor): *see* "Foundations of a General Theory of Aggregates"
"Grundlagen und Funktion des Romans" (work by Doderer)
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"Grundlegung der Soziologie des Rechts" (work by Ehrlich): *see* "Fundamental Principles of the Sociology of Law"
"Grundlegung einer deutschen Sprachkunst" (work by Gottsched)
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"Grundlegung zur Metaphysik der Sitten" (work by Kant): *see* "Fundamental Principles of the Metaphysics of Morals"
"Gründliche Anweisung zur Composition" (work by Albrechtsberger)
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"Grundriss der Psychologie" (work by Külpe): *see* "Outlines of Psychology"
"Grundriss der Sozialökonomik" (work by Wieser)
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"Grundriss der vergleichenden Grammatik der indogermanischen Sprachen" (work by Brugmann and Delbruck): *see* "Outline of the Comparative Grammar of the Indo-Germanic Languages"
"Grundriss einer Lautlehre der Bantusprachen" (work by Meinhof)
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"Grundzüge des gegenwärtigen Zeitalters, Die" (work by Fichte): *see* "Characteristics of the Present Age, The"
"Grundzüge einer Theorie der phylogenetischen Systematik" (work by Hennig): *see* "Phylogenetic Systematics"
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"Histoire du peuple anglais au XIX siècle" (work by Halévy): *see* "History of the English People in the Nineteenth Century, A"
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"Inquiry into the Nature and Causes of the Wealth of Nations, An" (work by Smith): *see* "Wealth of Nations, An Inquiry into the Nature and Causes of the"
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"Instructions Concerning Erecting of a Library," *or* "Advis pour dresser une bibliothèque" (work by Naudé)
modern library practice **22**:971:1a
"Instructions for Practical Living," *or* "Ch'uan-hsi lu" (work by Wang Yang-ming)
discussed in biography **12**:488:3b
"Instructions of Amenemhet, The" (compilation by Sesostris I)
discussed in biography **1**:323:1a
"Instructor, The," *or* "Paidagogos" (work by Clement of Alexandria)
discussed in biography **3**:375:2b
"Instruktion für die Visitatoren," *or* "Visitation Articles" (work by Melanchthon)
response to Martin Luther **23**:370:2a
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automated systems **14**:536:2b
flight history **28**:837:2a
navigational use **24**:757:1b
Instrument of Accession to the Indian Union (Kashmir hist.)
counterclaim **21**:116:2a
instrumental conditioning (psychol.): *see* operant conditioning
instrumental error (statis.)
chemical analysis **13**:551:1a
measurement theory **23**:795:2b
instrumental music
major ref. in Art of Music **24**:502:2b; History of Western Music **24**:554:1b *passim to* 558:2a
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chamber music **24**:567:2b
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Islamic music **22**:38:2a, 66:1b
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Romantic **10**:161:3a
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see also instrumentation; keyboard instrument; orchestration; and individual composers by name
instrumental stage (psychol.)
human behaviour **16**:875:1b
instrumental value (philos.)
axiology **1**:746:3a
instrumentalism, *or* experimentalism (philos.) **6**:334:1a
philosophy of science **25**:675:2a
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Dewey **4**:52:2a; **25**:766:2a
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major ref. in Art of Music **24**:541:1a
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see also instrumental music; keyboard instrument; orchestration
instrumentation (sci.) **6**:334:1a
major ref. in Principles, Methods, and Instruments of Measurement and Observation **23**:727:1a, 733:1b
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high pressure apparatus **23**:723:1a
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insula (arch.) **6**:335:1a
major ref. in The History of Western Architecture **13**:969:2a
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for a list of related subjects see PROPAEDIA: Section 626
Insulae Aeoliae (isls., It.): *see* Eolie Islands
Insular Portuguese (lang.)
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Insular script (calligraphy) **6**:335:1b
paleography **9**:79:1a; **20**:672:1b
Britain **29**:1085:2b, *illus.* 1086
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major ref. in Matter **23**:671:1b
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radiation detection systems **13**:608:1b
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dielectric constant **4**:83:3b
dielectric materials **4**:83:3a
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major refs. in Biochemical Components of Organisms **14**:911:1b; Endocrine Systems **18**:420:1b
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islets of Langerhans **7**:144:2b
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carbohydrate metabolism **3**:629:2b
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blood sugar regulation **15**:130:2a
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therapeutics **17**:264:1b, 265:2b; **17**:515:2a
for lists of related subjects see PROPAEDIA: Sections 321; 421
insulin-dependent diabetes mellitus, *or* juvenile-onset diabetes, *or* type I diabetes (med. disorder)
causation, symptoms, and treatment **18**:421:2b; **25**:73:1b
insulin-like growth factor (biochem.): *see* somatomedin
insulin-like growth factor I, *or* IGF I, *or* Sm-C, *or* somatomedin-C (biochem.)
endocrine system function **18**:432:1a
insulin-like growth factor II, *or* IGF II (biochem.)
endocrine system function **18**:432:1a
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introduction by Sakel **10**:343:3a
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"Insulted and Injured, The" (novel by Dostoyevsky)
discussed in biography **17**:416:1a
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major ref. in Insurance **21**:689:1b
insurable risk
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actuary's role **1**:74:1a
American express services **1**:328:1b
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for a list of related subjects see PROPAEDIA: Section 533
Insurgentes, Avenida (ave., Mexico City, Mex.)
layout of Mexico City **8**:82:3a; **24**:52:1b
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inswinger serve (cricket)
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"In't wonderjaar" (work by Conscience)
discussed in biography **3**:551:3a
intaglio, *or* sunken relief (print.) **6**:336:2b
major ref. in Printmaking **26**:112:2b, 125:1b
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photoengraving **9**:403:1a; **26**:103:1a
for a list of related subjects see PROPAEDIA: Section 628
see also aquatint; drypoint; engraving; etching
intaglio, *or* coelanaglyphic relief, *or* hollow relief, *or* incised relief, *or* sunken relief (sculp.) **6**:336:3a
glassware decoration **17**:201:1a
passim to 211:1b, *illus.* 205
metalwork **17**:146:1a, 157:1a
relief sculpture **9**:1016:1a; **27**:54:1b
Roman gem carving **27**:79:2a
see also relief sculpture
intarsia (inlay work)
use as trompe l'oeil **11**:941:3a
Intarsia glass
Steuben Glass Company **11**:259:3a
Intef II, *or* Wahankh Intef (k. of Egy.) **6**:336:3a
integer (math.)
algebraic properties **13**:255:1b
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real field **13**:443:2b
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elementary number theory **25**:14:1a
set theory **23**:595:1b
see also composite number; natural number; prime
integral (math.) **6**:336:3b
major ref. in Analysis in Mathematics **13**:453:1b
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see also definite integral; indefinite integral; integration; Lebesgue integral; Lebesgue–Stieltjes integral; multiple integral
integral calculus: *see* calculus
integral domain (math.)
major ref. in Algebra **13**:285:1a
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integral equation (math.) **6**:336:3b
Hilbert's research **5**:923:1b
integral test (math.)
major ref. in Analysis in Mathematics **13**:471:2b
integral transform (math.) **6**:337:1a
major ref. in Analysis in Mathematics **13**:512:2a
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"Intégrales" (work by Varese)
counterpoint **24**:530:1a
Integralist, *or* Sodalitium Pianum (Roman Cath.)
attack on Modernism **8**:215:3b
Integralist school (lit. movement)
contribution to Portuguese literature **25**:1068:1b
integraph (instru.) **6**:337:1a
applications **23**:616:1b
integrated circuit, *or* IC (electronics) **6**:337:1b
major ref. in Electronics **18**:331:1b
applications
computers **4**:92:3b; **16**:642:1b, *illus.*
pulse-code modulation systems **28**:501:2b
radio circuitry **15**:231:1b
history of electronics **18**:314:1b
insulation **6**:335:2b
semiconductor devices **10**:625:3a
for a list of related subjects see PROPAEDIA: Section 721
integrated magnitude (astron.)
globular clusters **28**:218:2b
integrating factor (math.)
solution of differential equations **13**:484:1a
integration (math.) **6**:337:2b
major ref. in Analysis in Mathematics **13**:452:1a
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for a list of related subjects see PROPAEDIA: Section 10/22
see also integral; parts, integration by
integration, constant of (math.)
function in calculus **13:**457:2b
integration, economic: *see* economic integration
integration, racial: *see* racial integration
Integration, Society for, *or* Dōwakai (Japanese org.)
burakumin **2:**639:1b
"Integrative Action of the Nervous System, The" (work by Sherrington)
discussed in biography **10:**732:3a
integrative levels, theory of, *or* theory of hierarchical controls (ecology)
application **17:**979:1a
integrator (instru.) **6:**337:3a
for a list of related subjects see PROPAEDIA: Section 10/23
integument (biol.) **21:**691:1a; **6:**337:3b
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crustaceans **3:**765:1b; **16:**844:1a
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parasitic Platyhelminthes **19:**295:2a, *illus.*
plant
angiosperm gametes **20:**428:1a
tissues **28:**686:2b, 688:1b
for a list of related subjects see PROPAEDIA: Section 334
see also parts, *e.g.,* cuticle; and types of integument, *e.g.,* bark; exoskeleton; skin
intellectualism (philos.): *see* Rationalism
intelligence (govt. operation): *see* intelligence and counterintelligence
intelligence (psychol.) **21:**710:1b; **6:**338:3a
major ref. in Social Differentiation **27:**314:1a
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masculinity–femininity scale **27:**319:2b
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Bergson **2:**130:2a
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intelligence and counterintelligence **21:**717:1a; **6:**338:1b
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Intelligence and Research, Bureau of, *or* INR (U.S. govt.)
intelligence gathering **21:**720:2b
Intelligence Corps of the Defense Forces (Isr. intelligence agency): *see* Military Intelligence
"Intelligence of Flowers, The," *or* "L'Intelligence des fleurs" (work by Maeterlinck)
discussed in biography **7:**665:1a
intelligence quotient, *or* IQ (psychol.)
major ref. in Human Intelligence **21:**715:1b
exceptional children **18:**111:1b
genetic considerations
behaviour genetics **2:**49:2a
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intelligence testing **6:**338:3b; **6:**339:2a
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Terman's work **11:**645:1b
intelligence test (psychol.) **6:**339:1b
classification of exceptional children **18:**112:2b
evaluation of
elderly people **27:**332:2a
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Gestalt psychologists **25:**478:2a
philosophical anthropologists **25:**560:1b
use in British education system **18:**71:2b
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intelligentsia, *or* intelligentsiya (intellectual movement)
comparison to Chinese history **16:**133:1a, 145:2b
history of Russia **28:**993:1b
views of Turgenev **12:**53:1b
"Intelligenzprüfungen an Menschenaffen" (work by Köhler): *see* "Mentality of Apes, The"
Intelsat, *or* International Telecommunications Satellite Consortium **6:**339:2b
major ref. in Telecommunications Systems **28:**504:2a
regulation **11:**62:2a
satellite communication **10:**466:2b
see also Comsat
Intelsat 1, *or* Early Bird (satellite) communications **6:**339:3a; **10:**466:2a
Intelsat 4 (satellite) communications **19:**55:1a
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Sung dynasty administration **16:**99:1a
intendant, *or* commissaire (Fr. hist.) **6:**339:3a
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role in French history **19:**473:2a *passim to* 489:2b
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role in
Mexican history **24:**41:2b
South American colonization **1:**225:1a; **22:**828:2b
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modal notions theory **25:**721:1b
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intensity (acousics)
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intensity (colour)
major ref. in Art of Painting **25:**306:1a
intensity (speech)
vocal attribute **28:**98:2b
intensity theory of pain: *see* quantitative theory of pain
intensive agriculture **6:**340:1b
stock farming **19:**88:1a
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intensive care (med.)
maintenance of brain-dead **16:**985:2a
intention (logic) **6:**340:2a
see also intentionality
"Intention" (work by Anscombe)
tradition of Wittgenstein's thought **25:**615:2b
intentional fallacy (lit. crit.)
artistic interpretation **25:**705:2a
role in
aesthetics **13:**25:1b
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intentional walk, *or* intentional pass (baseball)
baseball strategy **28:**125:2b
intentionalism, *or* act psychology
major ref. in Psychology **26:**327:1a
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major ref. in Philosophy of Mind **24:**118:1a
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Brentano's theory of psychology **2:**501:1a
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"Intentions" (work by Wilde)
discussed in biography **12:**657:1b
Inter-Allied Control Commission
administration of Rhineland **20:**160:1b
Inter-Allied Control Commission for Factories and Mines, *or* MICUM (Eur. hist.)
French occupation of the Ruhr **21:**761:2a
Inter-Allied Propaganda Commission
role in history of World War I **21:**745:2a
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Inter-American Coffee Agreement
agricultural production and trade **13:**206:1b
Inter-American Commission on Human Rights
organization and principles **20:**721:2a
Inter-American Committee on the Alliance for Progress, *or* CIAP
supervision of Alliance for Progress **1:**281:3b
Inter-American Development Bank (internat. org.) **6:**340:3a
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Inter-American Highway (hwy., Mex.-Panama City)
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Inter-American Regional Organization of Workers (Lat.Am. labour org.): *see* Organización Regional Interamericana de Trabajadores
Inter-City 125 (train)
British Railways **2:**532:1a
Inter-Governmental Maritime Consultative Organization: *see* International Maritime Organization
Inter Nationes (Ger. org.)
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Inter-Tribal Ceremonial (Am. Indian festival)
New Mexico's culture **29:**409:1b
Inter-University Council for Higher Education Overseas (U.K. educ.)
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Inter-Varsity Christian Fellowship (Am. org.)
Fundamentalist activity **5:**52:2b
interaction (phys.): *see* fundamental interaction
interactionism (philos.) **6:**340:3a
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interbreeding (biol.)
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Intercalans, *or* Mercedonius (chron.)
intercalation month **10:**154:2a; **15:**465:1b
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location and function **8:**37:2a
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major ref. in Calendar **15:**461:2a
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Greek **5:**456:3a
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intercalation compound (chem. compound): *see* lamellar compound
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major ref. in Hydrosphere **20:**776:2b, *illus.* 771
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Eastern Orthodoxy **16:**302:2a
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Intercession, Church of (church, Moscow, U.S.S.R.): *see* Saint Basil the Blessed, Cathedral of
Intercession of the Virgin, Church of the (church, Fili, U.S.S.R.)
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Whitney's development **12:**640:3b
Intercisa (Hung.): *see* Dunapentele
interclavicle, *or* episternum (anat.)
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Intercollegiate Athletic Association (Am. org.): *see* National Collegiate Athletic Association
Intercollegiate Association of Amateur Athletes of America, *or* ICAAA
supervision of competition **1:**669:1b
Intercollegiate Football Association, *or* IFA (Am. athletic org.)
history **28:**137:1a
Intercollegiate Rugby Football Union (Can. sports org.)
history of Canadian football **28:**144:2b
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ballistic missile systems **29:**580:1a
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intercropping, *or* companion cropping (agri.)
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Intercursus Malus (Sp. hist.)
trade agreement **9:**376:3a
Interdenominational Foreign Mission Association, *or* IFMA
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"intereses creados, Los" (play by Benavente y Martínez): *see* "Bonds of Interest, The"
interest (econ.) **6:**341:1b
major ref. in Economic Theory **17:**957:2a
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personal income tax **28:**419:1b
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Böhm-Bawerk's economic analysis **27:**393:2b
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for a list of related subjects see PROPAEDIA: Section 533
see also usury
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power politics theory **27:**406:2b
"Interest and Prices," *or* "Geldzins und Güterpreise" (work by Wicksell)
discussed in biography **12:**647:2b
interest group, *or* pressure group, *or* special-interest group **6:**341:2a
major ref. in Political Parties **25:**967:1b
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political elections **25:**1010:1a
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bureaucracy **2:**644:1a
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interest inventory (psychol.)
use in psychological testing **26:**319:2b
"Interest of America in Sea Power, Present and Future, The" (work by Mahan)
discussed in biography **7:**694:2a
"Interest of Great Britain Considered with Regard to Her Colonies and the Acquisitions of Canada and Guadaloupe" (work by Franklin)
discussed in biography **19:**558:1a
interest parity (econ.)
use in forward exchange **21:**849:1a
"Interesting Narrative of the Life and Adventures of Olaudah Equiano or Gustavus Vassa, the African, The" (work by Equiano)
discussed in biography **4:**533:3b
place in African literature **13:**138:2b
interests, arbitration of
major ref. in Judicial and Arbitrational Systems **22:**489:2b
labour–management arbitration **1:**521:3b
interface (phys.) **6:**342:1a
chemical solutions **23:**686:2a
Earth's gravitational variations **17:**541:2a
liquid water structure **15:**777:1a
metal surface effect **23:**670:2b
photoelectric phenomena **9:**401:1b
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see also interfacial effects and processes, *e.g.,* adsorption; surface tension; vaporization
interfacial angle (crystall.)
description **23:**648:1b, *illus.*
Steno's law **11:**247:3a
interfascicular oligodendrocyte (biol.)
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interfemoral membrane (anat.)
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International Association of Chiefs of Police, *or* IACP (internat. org.)
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International Association of Lighthouse Authorities
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International Badminton Federation, *or* IBF (internat. sports org.)
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International Bank for Economic Cooperation, *or* IBEC **6:**346:3b
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International Bowling Association (internat. sports org.)
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International Boxing Federation, *or* IBF (internat. sports org.)
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International Canoe Federation, *or* ICF, *or* Internationale Repräsentationsschaft des Kanusports
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International Church of the Foursquare Gospel (Pentecostal denomination) **6:**347:3b
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"International Classification of Diseases" (internat. pub.)
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International Committee of the Red Cross, *or* Comité International de la Croix-Rouge (Swiss org.)
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International Conciliation, Association for (internat. org.)
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International Confederation of Free Trade Unions, *or* CISL, *or* Confédération Internationale des Syndicats Libres, *or* ICFTU **6:**348:1b
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International Congregational Council
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International Congress of Archivists
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International Congresses of Heraldry and Genealogy
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International Convention for the Protection of Industrial Property, *or* Paris Convention
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International Council of Museums, *or* ICOM (internat. museum org.)
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International Dairy Foundation
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International Dental Federation, *or* Fédération Dentaire Internationale
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International Ellipsoid of Reference (cartog.)
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International Federation of Library Associations and Institutions, *or* Fédération Internationale des Associations de Bibliothécaires et des Bibliothèques, *or* FIAB, *or* IFLA (internat. org.)
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International Fixed Calendar
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