The New Encyclopædia Britannica

THE INDEX

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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 *Encyclopadia 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.

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

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

Readers who turn to the **INDEX** first will use *Britannica* most intelligently and profitably. Because the purpose of the many thousands of **INDEX** entries is to classify, clarify, and search out specific information, much attention has been given to their simplification. Such clarity and simplification result in an index that is very specific, and the reader should remember this when seeking out information. The references subordinate to an entry heading pertain to that entry heading alone, whether it represents a thing, an idea, a person, or a place. For example, the references listed at "bird" contain information pertaining to birds as a class, and not to specific bird species. Generally, therefore, the reader should attempt to be as specific as possible when seeking information. For instance, a reader researching the flight of the sparrow should first look at the entry headings "flight" and "sparrow," and not "bird." The *"see also"* references at the bottom of an **INDEX** entry should be consulted as well, for they direct the reader to more specific topics. Only if such a search proves fruitless should the reader consult a more general entry heading.

When using the **INDEX**, the reader should also keep in mind that the **INDEX** employs different types of references. For example, under the **INDEX** entry "Flaubert, Gustav," one finds a reference to his literary style. While a volume, page number, and column are given in the reference (see the Index Rules below), one should not assume that only at that specific point in the text is there information concerning Flaubert's literary style. The reader should feel free to look not only at the specific passage indicated in the subheading but also at the text surrounding that specific passage. For example, the discussion of Flaubert's literary style may continue for a number of paragraphs and even on to another page.

When a sustained discussion of a subject spans a number of paragraphs, or even a number of pages, the subheading will occur in the following form:

comparison with Saint Paul 16:258:1b *passim to* 262:1a

This indicates that the discussion of a subject continues for the duration of the passage indicated and that the entire reference should be read in order to gain the most information. When such a sustained discussion represents the most exhaustive reference on a particular topic in the entire *Encyclopadia Britannica,* the subheading will be placed directly below the entry heading and will occur in the following form:

major ref: in **Biblical Literature 14**:849:1b

Index Rules. 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. 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.

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, as in the following:

Flaubert, Gustave (Fr. au.) 4:821:3a

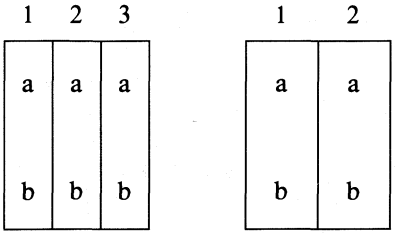
If an **INDEX** entry has two corresponding articles in the text, their references are listed directly below the entry heading as **MICROPAEDIA** and **MACROPAEDIA** and are followed by volume and page numbers. In such a case, map references will be listed below the text references, as will references to the **BRITANNICA WORLD DATA.** Such an **INDEX** entry will take the following form:

Togo, *or* **Republic of Togo,** *or*
République Togolaise
MICROPAEDIA **11**:820:1a
MACROPAEDIA **29**:909:2a
LOCATION MAP **29**:794
STATISTICAL INFORMATION: *see*
BRITANNICA WORLD DATA

Additional references below the entry heading refer 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. These subheadings also direct readers to illustrations in *Encyclopadia Britannica,*

to statistical information in the **BRITANNICA WORLD DATA**, and to the **PROPAEDIA** section that broadly covers the subject in the outline of knowledge.

All references in an **INDEX** entry 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.



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. Cross-references also allow the reader to gain access to more specific information. For example, there is a "see also" cross-reference at the bottom of the **INDEX** entry "bridge" that directs the reader to **INDEX** entries on related topics.

Alphabetization. The **INDEX** uses the word-by-word system of alphabetization (whereby 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 Coast
Goldbach, Christian
Goldbach problem
Golden
Golden Gate Bridge
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 that are separated by en dashes [–]) are treated as two separate words, the hyphen (or dash) being treated as a space. Quotation marks that appear 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
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
MacCarthy Island

Abbreviations Used in the INDEX

abbrev.	abbreviation
acct.	accounting
A.C.T.	Australian Capital Temtory
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
	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
bioe.	biography, biographer
biogeog.	biogeography
biol.	biology, biologist, biological
bldg.	building
Blvd.	Boulevard
Bohem	Bohemia, Bohemian
Bol.	Bolivia, Bolivian
boro.	borough
bot.	botany, botanist, botanical
Bots.	Botswana (country and people)
bp.	bishop
Br.	Britain, British
Braz	Brazil, Brazilian
brig.gen.	brigadier general
Brun.	Brunei
Bucks.	Buckinghamshire
Bulg.	Bulgaria, Bulgarian
Bur.	Burma, Burmese
Buru.	Burundi, Burundian
bus.	business
Byz.	Byzantium, Byzantine
C	about, approximately (Latin circa)
Calif.	California
C.Am.	Central America
Camb.	Cambodia, Cambodian
Cambs.	Cambridgeshire
Camer.	Cameroon, Cameroons
Can.	Canada, Canadian
Can.Is.	Canary Islands
card.	cardinal
Carib.	Caribbean
caric.	caricature, caricaturist
cartog.	cartography, cartographer
cath.	cathedral
Cath.	Catholicism, Catholic
Cauc.	Caucasia, Caucasus
Cay.Is.	Cayman Islands
CE	Christian Era, Common Era
Celt.	Celtic
cent.	century
Cent.	Central
Cent. Af.Rep.	Central African Republic
chan.	channel
Chan.Is.	Channel Islands
chem.	chemistry, chemist, chemical
Ches.	Cheshire
Chil.	Chilean
Chin.	Chinese
chron.	chronology
C.I.	Côte d'Ivoire
class.	classification, classical
cler.	clergyman
Cleve.	Cleveland (English county)
climat.	climatological, climatologist, climatology
co.	county
Co., co	company
col(s).	column(s)
Col.	Colonel
coll.	college; collector, collection
Colo.	Colorado
Colom.	Colombia, Colombian
com.	commerce, commercial; commission; committee; commune
Com.	Comoros
comdr.	commander
comdt.	commandant
commo.	commodore
commu.	communications
comp.	composer
comp.sci.	computer science
Con.B.	Congo, Republic of (Brazzaville), Congolese
Con.K.	Congo, Democratic Republic of (Kinshasa), Congolese
Conn.	Connecticut
const.	construction
Corn.	Cornwall
Corp.	Corporation
cpl.	corporal
C.R.	Costa Rica, Costa Rican
crit.	critic, criticism
crystall.	crystallography, crystallographer
C.Verde	Cape Verde
Cyp.	Cyprus, Cypriot
Czech.	Czechoslovakia, Czechoslovakian
d.	died
Dan.	Danish
D.C.	District of Columbia
Del.	Delaware
Dem., dem.	democratic
Den.	Denmark
dept.	department, *département*
Derby.	Derbyshire
dermatol.	dermatology, dermatologist
D.F.	Federal District (Spanish Distrito Federal)
dial.	dialect
dict.	dictionary
dipl.	diplomat, diplomacy
dir.	director
dist.	district
div.	division
dom.	dominion
Dom.	Dominica
Dom.Rep.	Dominican Republic
Dr., dr.	doctor; drive
dram.	dramatist
Drav.	Dravidian
Du.	Dutch
E.	East, Eastern
E.Af.	East Africa
Ec.	Ecuador, Ecuadorian
eccl.	ecclesiastical, ecclesiast
econ.	economics, economist
ed.	edition, editor
educ.	education, educator
e.g.	for example (Latin *exempli* gratia)
E.Ger.	East Germany
Egy.	Egypt, Egyptian
elec.	electricity, electric, electrical, electronics
El Sal.	El Salvador
embryol.	embryology
emp.	empire, emperor, empress
encyc.	encyclopaedia
Eng.	England, English
engin.	engineering, engineer
engr.	engraving, engraver
entom.	entomology, entomologist
Equat. Guin.	Equatorial Guinea
est.	estimate, estimated; estuary
Est.	Estonia, Estonian
E.Susx.	East Sussex
et al.	and others (Latin *et* alii, or *aliae*)
et seq.	and following page(s) (Latin et sequens, sequentes, or sequentia)
etc.	and so forth (Latin et cetera)
Eth.	Ethiopia, Ethiopian
ethnol.	ethnology, ethnologist
Eur.	Europe, European
exec.	executive
expl.	explorer
f.	father
Faer.Is.	Faeroe Islands
Falk.Is.	Falkland Islands, Falklander
fam.	family
Fed., fed.	federation, federal
Fili.	Filipino (native of the Philippines)
Fin.	Finland, Finnish
fin.	finance
fl.	flourished (Latin *floruit*)
Fla.	Florida
Flem.	Flemish
fol.	following
Found., found.	foundation
Fr.	France, French
Ft., ft.	fort
Ga.	Georgia
Gab.	Gabon, Gabonese
Gam	Gambia, Gambian
gen.	general
geneal.	genealogy, genealogist, genealogical
genet.	genetics, geneticist
geog.	geography, geographer, geographical
geol.	geology, geologist, geological
geom.	geometry
geophys.	geophysics, geophysical, geophysicist
Ger.	Germany, German
Gib.	Gibraltar
Glos.	Gloucestershire
gov.	governor
govt.	government
Gr.	Greece, Greek
gram.	grammar, grammarian
Green.	Greenland
Gren.	Grenada
Gt.Br.	Great Britain
Gtr. London	Greater London
Gtr. Mches.	Greater Manchester
Guad.	Guadeloupe
Guat.	Guatemala, Guatemalan
Guin.	Guinea, Guinean
Guy.	Guyana, Guyanan
h	husband
Hants.	Hampshire
Haw.	Hawaii, Hawaiian
Heb.	Hebrew
her.	heraldry
Here. &Worc.	Hereford and Worcester
Herts.	Hertfordshire
hist.	history, historian, historical
H.K.	Hong Kong
HMS	His, or Her, Majesty's Ship, or Service
Holl.	Holland
Hon.	Honourable
Hond.	Honduras, Honduran
hort.	horticulture, horticulturist
hts.	heights
Humbs	Humberside
Hung.	Hungary, Hungarian
Hwy.	Highway
Ia.	Iowa
Ice.	Iceland, Icelandic
Ida.	Idaho
I.E.	Indo-European
i.e.	that is (Latin id est)
Ill.	Illinois
illus.	illustration
Inc.	Incorporated
incl.	including
ind.	independent
Ind.	Indiana
Ind.O.	Indian Ocean
Indon.	Indonesia, Indonesian
indus.	industry, industrialist, industrial
Inst., inst.	institute, institution
instru.	instrument
internat.	international
inv.	inventor
I.of Man	Isle of Man
I.of Wight, or I.O.W	Isle of Wight
Ire.	Ireland
is., isl(s).	island, islands
Isr.	Israel, Israeli
isth.	isthmus
It.	Italy, Italian
Jam.	Jamaica, Jamaican
Jor.	Jordan, Jordanian
journ.	journal, journalist, journalism
Jr.	Junior
jur.	jurist
k.	king
Kamp.	Kampuchea, Kampuchean
Kan.	Kansas

	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
Md.	Maryland
Me.	Maine
meas.	measure, measurement
mech.	mechanics
med.	medicine, medical
Medit.	Mediterranean
mer.	merchant
Mers.	Merseyside
Mesop.	Mesopotamia, Mesopotamian
met.	metallurgy, metallurgist, metallurgical
meteorol.	meteorology, meteorologist
Mex.	Mexico, Mexican
mfr.	manufacture, manufacturer
M.Glam.	Mid Glamorgan
Mich.	Michigan
microbiol.	microbiology, microbiologist
mil.	military
min.	mineral, mining, mineralogist, mineralogical
minis.	minister
Minn.	Minnesota
Miss.	Mississippi
Mo.	Missouri
mod.	modern
mon.	monument
Mon.	Monaco, Monacan, Monagasque
Mong.	Mongolia, Mongolian
Mont.	Montana
Monts.	Montserrat
Mor.	Morocco, Moroccan
Moz.	Mozambique, Mozambican
ms(s).	manuscript(s)
Mt., Mts., mt., mts.	mount(s), mountain(s)
mun.	municipality
mus.	music, musician, musical
myth.	mythology, mythological
N.	North, Northern
N.Af.	North Africa
N.Am.	North America
Nam.	Namibia
nat.	naturalist
natl.	national
naut.	nautical
nav.	naval
navig.	navigator
N.B.	New Brunswick
N.C.	North Carolina
N.Cal.	New Caledonia
N.Dak., or N.D	North Dakota
Neb.	Nebraska
Neth.	The Netherlands
Neth.Ant.	Netherlands Antilles
Nev.	Nevada
news.	newspaper
Nfd.	Newfoundland
N.G.	New Guinea
N.H.	New Hampshire
Nic.	Nicaragua. Nicaraguan
nick.	nickname
Nig.	Nigeria, Nigerian
N.Ire.	Northern Ireland
N.J.	New Jersey
N.Kor.	North Korea
N.Mex., or N.M.	New Mexico
Nor.	Norway, Norwegian
Norf.	Norfolk
Northants.	Northamptonshire
Northum.	Northumberland
Notts.	Nottinghamshire
N.S.	Nova Scotia
N.S.W.	New South Wales
N.Terr.	Northern Territory (Australia)
N.W. Terr.	Northwest Territories (Canada)
N.Y.	New York
N.Y.C.	New York City
N.Yorks	North Yorkshire
N.Z	New Zealand
obl.	oblast
of.	officer
offi.	official
Okla.	Oklahoma
okr.	okrug
Ont.	Ontario
op.cit	in the work cited (Latin *opere,* or opus, *citato*)
Ore.	Oregon
org(s).	organization(s)
osteol.	osteology
osteop.	osteopathology, osteopath
Oxon.	Oxfordshire
p.	page
Pa.	Pennsylvania
Pac.O.	Pacific Ocean
paint.	painting, painter
Pak.	Pakistan, Pakistani
Pal.	Palestine, Palestinian
paleob.	paleobotany, paleobotanist
paleog.	paleogeography
paleon.	paleontology, paleontologist
Pan.	Panama, Panamanian
Pap.N.G.	Papua New Guinea, Papuan
Par.	Paraguay, Paraguayan
parl.	parliament
passim to	references scattered between pages cited
path.	pathology, pathologist
P.E.I.	Prince Edward Island
penin.	peninsula
period.	periodical
Pers.	Persia, Persian
petrol.	petrology, petrologist
pharm.	pharmacy, pharmacist, pharmacology, pharmacologist
Phil.	Philippines
philan.	philanthropy, philanthropist
philol.	philology, philologist
philos.	philosophy, philosopher
phot.	photography, photographer
phys.	physics, physicist
physic.	physician
physiol.	physiology, physiologist, physiological
plat	plateau
Pol.	Poland, Polish
pol.	politics, politician, political
	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
pnnt.	printing, printer
pr.min.	prime minister
prof.	professor
Prot.	Protectorate; Protestant
prov.	province, provincial
pseud.	pseudonym, pseudonymous
psychol	psychology, psychologist, psychological
pt.	point
ptg.	printing
pub.	public; publication
publ.	publisher
pvt.	private
q.	queen
Que	Quebec, Quebecer, Quebecker
Queens., or Qld.	Queensland
q.v.	which see (singular; Latin quod vide)
Rd., rd.	road
rear adm.	rear admiral
ref.	reference
reg.	region
rel.	religion, religious
rep.	representative; republic
res.	reservoir
reserva.	reservation
resid.	residency
rev.	revolution, revolutionary
R.I.	Rhode Island
nv.	river
Rom.	Romania, Romanian
R.R., r.r.	railroad
Russ.	Russia, Russian
Rw.	Rwanda, Rwand
ry.	railway
S.	South, Southern
S., s.	Saint (*San, Santo, Sant'*)
S.Af.	South Africa, South African
Sam.	Samoa, Samoan
S.Am	South America, South American
San Mar.	San Marino
Sask.	Saskatchewan
Saud. Arab.	Saudi Arabia, Saudi, Saudi Arabian
S.Austr.	South Australia
S.C.	South Carolina
Scand.	Scandinavia, Scandinavian
schol.	scholar
sci.	science, scientist, scientific
Scot.	Scotland, Scottish
sculp.	sculpture, sculptor
S.Dak., or S.D.	South Dakota
sen.	senator
Sen.	Senegal, Senegalese
Sey.	Seychelles
S.F.S.R.	Soviet Federated Socialist Republic
S.Glam.	South Glamorgan
sgt.	sergeant
Shrops.	Shropshire
Sib.	Siberia, Siberian
Sing.	Singapore, Singaporean
S.Kor.	South Korea
S.L.	Sierra Leone
soc.	society, social; socialist
sociol.	sociology, sociologist, sociological
Sol.Is.	Solomon Islands
Som.	Somali, Somalia (Somali Republic), Somalian
Somer.	Somerset
Sov.	Soviet
Sp.	Spain, Spanish
spr(s).	spring(s)
Sr.	Senior
SS	Steamship
SS., ss.	Saints
S.S.R.	Soviet Socialist Republic
St., st.	Saint (*Sankt,* Sint); street
Sta.	Saint (*Santa*)
Staffs.	Staffordshire
	Statesman
	statistician, statistics
Ste.	Saint (*Sainte*)
St.Kitts	Saint Kitts and Nevis
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
tng.	trigonometry
Tr.Terr. Pac.Is.	Trust Temtory of the Pacific Islands
Tun.	Tunisia, Tunisian
Tur.	Turkey, Turkish
Tuv.	Tuvalu, Tuvaluan
twp.	township
typog.	typography
U.A.E.	United Arab Emirates
Ugan.	Uganda, Ugandan
U.K.	United Kingdom
UN	United Nations
Univ., univ.	university
urug.	Uruguay, Uruguayan
U.S.	United States
U.S.A.	United States of America
U.S.S.R.	Union of Soviet Socialist Republics
Va.	Virginia
val.	valley
van.	Vanuatu
Venez.	Venezuela, Venezuelan
vet.	veterinarian, veterinary
Vic.	Victoria
vice adm.	vice admiral
vice pres.	vice president
Viet.	Vietnam, Vietnamese
vil.	vilayet
Vir.Is.	Virgin Islands
viz.	namely (Latin videlicet)
vol.	volume(s)
Vt.	Vermont
W.	West. Western
w.	wife
W.Af.	West Africa, West African
Warw.	Warwickshire
Wash.	Washington
W.Austr.	Western Australia
W.Ger.	West Germany
W.Glam.	West Glamorgan
W.I.	West Indies
Wilts.	Wiltshire
Wis.	Wisconsin
W.Mids.	West Midlands
writ.	writer
W.Sam.	Western Samoa, Western Samoan
W.Susx.	West Sussex
W.Va.	West Virginia
W.W.	world war
Wyo.	Wyoming
W.Yorks.	West Yorkshire
Yem.	Yemen, Yemeni
Yugos.	Yugoslavia, Yugoslavian
Zimb.	Zimbabwe, Zimbabwean
zool.	zoology, zoologist, zoological
Zor	Zoroastrianism, Zoroastrian

A

A, Operation (Japanese strategy)
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A-1 (Sov. launch vehicle)
propulsion **19:**48:1a
A-2 (missile): *see* Polaris A-2
A-3 (missile): *see* Polaris A-3
A-3TK (missile): *see* Polaris A-3TK
A-4, *or* Douglas A-4 Skyhawk, *or* Skyhawk (airplane)
development of jet aircraft **29:**615:2a
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A-6, *or* Grumman A-6 Intruder, *or* Intruder (aircraft)
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A-7, *or* Corsair II (aircraft)
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A-10A, *or* Fairchild A-1OA (aircraft)
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A-20, *or* Douglas A-20 Havoc, *or* Havoc (aircraft)
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A band (physiol.)
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A cell (zool. anat.)
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A-effect (thea.): *see* alienation effect
A-erh-chin Mountains, *or* A-erh-chin Shan, *or* A-erh-chin Shan-mo, *or* Altun Shan, *or* Altyn Tagh (mts., China) **1:**1:1b
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A Fang Kung (Chin. palace): *see* O Pang Kung
a fibre (anat.): *see* gamma motor fibre
a fortiori (argument)
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A-frame level (tool)
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AAA (Am. hist.): *see* Agricultural Adjustment Administration
AAA (Am. org.): *see* American Automobile Association
AAA (Am. sports org.): *see* Amateur Athletic Association
AAA (Arg. pol. org.): *see* Argentine Anti-Communist Alliance
AAAS (Am. sci. org.): *see* American Association for the Advancement of Science
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AAC (Br. sports org.): *see* Amateur Athletic Club
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AAFC (Am. sports org.): *see* All America Football Conference
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"American College Dictionary, The," *or* "A C D (dict. by Barnhart)
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American College of Heraldry and Arms, Inc. (inst., Maryland, U.S.)
role in heraldry **20:**518:1a
American colonies: *see* colonialism
American Colonization Society (abolitionist org.) **1:**327:3a
history of Liberia **7:**331:2b: **29:**893:2a
role of Stockton **11:**279:2a
American Coloured local race, *or* American Negro (people) **1:**327:3a
for a list of related subjects see PROPAEDIA: Section 412
see also black American
"American Composers on American Music" (compiled by Cowell)
discussed in biography **3:**696:3a
American Conference (Am. sports)
history of American football **28:**127:2b
American Congress on Surveying and **Mapping** (org.)
contribution to mapping **23:**483:2b
American Conservatory Theatre, *or* ACT (repertory group, San Francisco, Calif., U.S.)
cultural life in San Francisco **27:**4:2b
American Cordilleran mountain system (mt. system, N.Am.-S.Am.)
physiography of Pacific Ocean **25:**302:2a
American Council of Christian Churches, *or* ACCC (rel. org.)
fundamentalist ecumenism **5:**52:2b
American cranberry, *or* Vaccinium macrocarpon (bot.)
characteristics **3:**709:2b
cultivation **13:**680:1b
"American Crisis, The" (work by Paine): *see* "Crisis. The"
American crocodile, *or* Crocodilus acutus, *or* Crocodylus acutus (zool.)
description **26:**721:1b, *illus.*
"American Dictionary of the English Language, An" (dict. by Webster) **1:**327:3b
discussed in biography **12:**550:3a
origin of Merriam-Webster dictionaries **8:**41:1b
publication of dictionaries **18:**280:1a
"American Dilemma: The Negro Problem and Modern Democracy, An" (work by Myrdal)
contributions by Bunche **2:**631:2a
discussed in biography **8:**466:2b
"American Document" (dance)
performance by Graham **5:**407:1b
American dog tick, *or* Dermacentor variabilis (arachnid)
carrier of Rocky Mountain spotted fever **10:**126:3b
description **11:**758:3b; *illus.* **13:**862
"American Dream, An" (work by Mailer)
American literature **13:**309:2b
American eastern tent caterpillar moth, *or* Malacosoma americanum (insect)
description **11:**639:1a
Lepidopteran pupa *illus.* Plate 3 fol. **21:**706
American ebony, *or* Jamaica ebony, *or* green ebony
characteristics **4:**345:2a
American Educational Theatre Association (Am. thea.): *see* American Theatre Association
American egret (bird): *see* great white egret
American elder, *or* American elderberry, *or* Sambucus canadensis, *or* sweet elder (plant)
Caprifoliaceae **2:**836:1a
Dipsacales **4:**116:2a
elder **4:**420:3b
American elk (mammal): *see* wapiti
American elm, *or* Ulmus americana (tree)
description **4:**461:2b
Dutch elm disease **4:**300:1a; **25:**878:1b
American elm hark beetle (insect): *see* dark elm bark beetle
"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
publication history **4:**517:1b
American Eugenics Society (org.)
belief in superiority of white race **19:**725:2b
immigration restriction proposals **4:**593:3b
American Evangelical Lutheran Church, *or* Danish Evangelical Lutheran Church of America (Prot. org.) **1:**327:3b
American Expeditionary Force, *or* AEF (U.S. mil.)
leadership by Pershing **9:**308:2b
American Express Company (Am. corp.) **1:**328:1a
association with Wells Fargo & Company **12:**575:3a
contribution of Wells **12:**574:3b
American Falls (waterfall, N.Y., U.S.)
association with
Horseshoe Falls **6:**72:2b
Niagara Falls **8:**672:1b
recession in rivers **26:**856:2a
American Falls Reservoir (res., Ida., U.S.)
location *maps* **29:**156, 182
American false vampire bat, *or* Vampyrum spectrum
classification **9:**410:3b
size and wingspread **23:**370:2a, *illus.*
American Farm Bureau Federation (Am. org.) **1:**328:2a
American Federation of Labor, *or* AFL, *or* A F of L (labour org.)
major ref: in American Federation of Labor–Congress of Industrial Organizations **1:**328:2b
contribution of
Gompers **5:**354:3a
Knights of Labor **6:**915:3a
Lewis **7:**313:3a
Randolph **9:**933:2b
development of trade unions **11:**886:2b; **29:**950:2a
significance to
Pittsburgh **9:**481:2a
United States **29:**243:2a
see also Congress of Industrial Organizations
American Federation of Labor–Congress of Industrial Organizations, *or* AFL–CIO (labour org.) **1:**328:2b
relationship with UAW **12:**139:3b
role of
Kirkland **6:**890:1a
Meany **7:**990:2a
trade unionism **29:**193:2b; **29:**952:2a
see also American Federation of Labor; Congress of Industrial Organizations
American Federation of Musicians, *or* AFM (labour org.)
influence on disc jockeys **4:**121:2b
role of Petrillo **9:**342:3b
American Federation of Teachers, *or* AFT (labour org.)
history of education **18:**64:2a; **28:**428:1b
American filbert, *or* Corylus americana (bot.)

description **4**:775:3b, *illus.*
American finfoot, *or* Heliornis fulica (zool.)
description **4**:780:3b, *illus.*
American flycatcher (bird): *see* tyrant flycatcher
American football (Am. sport): *see* football
American Football League, *or* AFL (Am. football org.) **1**:329:1a
history of American football **4**:872:1a; **28**:127:2a
American Football League (Am soccer org.)
development of soccer in United States **28**:121:1b
"American Foreign Policy in the Making, 1932–1940" (work by Beard)
discussed in biography 2:12:2b
American foulbrood (disease)
effect on beekeeping **19**:153:2b
American Friends Service Committee, *or* AFSC (rel. org.) **1**:329:1b
contribution of Quakers **26**:257:1a
Nobel Prize winners *table* **8**:743
program under Jones 6:610:1b
American frontier (U.S. hist.)
campaign of Jackson **6**:456:1b
history of shooting **10**:758:3b
importance of hunting 6:160:2b
viewed by Turner **12**:64:1b
American Fur Company (indus.) **1**:329:1b
history of Mackinac Island **7**:638:2a
role of Astor **1**:652:2b
American Geographical Society
contribution to mapping **23**:483:2a
influence of Bowman **2**:441:1a
study of Amazon River **27**:621:2b
American germander, *or* Teucrium canadense (plant)
description **5**:213:1a
American golden plover, *or* Pluvialis dominica (bird)
migration patterns **9**:525:1b; **14**:788:2b
American gooseberry, *or* Ribes hirtellum, *or* smooth gooseberry (shrub)
description **10**:38:1b
"American Gothic" (paint. by Wood)
discussed in biography **12**:737:2b, *illus.*
"American Graffiti" (film by Lucas)
discussed in biography **7**:538:3a
American green alder, *or* Alnus cnspus, *or* Alnus mitchelliana
description **1**:231:1b
American Group (U.S. hist.)
international competition for petroleum reserves **21**:830:2b
American Guide series (travel lit.)
achievement of WPA Federal Writers' Project **12**:764:1b
American Hebrew Congregations, Union of (rel. org.) **1**:329:2a
establishment by Wise **12**:712:3a
American Henley (sports)
relationship to Henley Royal Regatta **5**:832:2a
"American Heritage Dictionary, The" (edited by Moms)
styling of dictionaries **18**:281:1b
American Highland (reg., Antarc.) **1**:329:3a
location *map* **13**:790
national rivalries in Antarctica **13**:801:1a
American holly, *or* Ilex opaca (bot.)
description **6**:10:3a
distribution and uses **3**:8:1b
American hop-hornbeam (bot.): *see* eastern hop-hornbeam
American hornbeam, *or* blue beech, *or* Carpinus caroliniana, *or* ironwood, *or* water beech
description **6**:63:2b
American horse-chestnut (bot.): *see* Ohio buckeye
"American Humor: A Study of the National Character" (work by Rourke)
discussed in biography **10**:209:1a
"American in Paris, An" (film by Minnelli)
contribution by Kelly **6**:790:2a
American Independent Party (pol. party, U.S.)
Lemay **7**:260:1b
Wallace **12**:467:3b
American Indian, *or* Amerind, *or* Amerindian, *or* Native American
MICROPAEDIA **1**:329:3a
MACROPAEDIA **13**:349:1a
agriculture 13:188:2a
arts: *see* American People, Arts of Native
calendar **15**:429:1b
cultural areas **3**:785:1b
distribution
Central America: *see* Central American Indian
Middle America: *see* Middle American Indian
North America: *see* North American Indian
South America: *see* South American Indian
dress and adornment
beadwork **2**:9:1a
embroidery **4**:471:2b
featherwork **4**:709:2b
jewelry **17**:525:2b
Pre-Columbian period **17**:486:1a
quillwork **9**:859:1b
economics
inheritance and succession **21**:638:1b
land tenure **4**:408:3b
payment of blood money **2**:292:1a
wampum **12**:483:2b
history
relations with Spain **22**:804:1b; **28**:40:2b
settlement of western hemisphere **29**:202:1a
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American linguistic development **23**:44:2a
nationalistic influences **22**:565:1b
North America: *see* North American Indian languages
North Asia **22**:575:1b, 580:2a
personal names **24**:737:2a
sign language **10**:796:2a
South America: *see* South American Indian languages
moccasins 83211:2b, *illus.*
physical characteristics
blood group antigens 15:140:1b; **18**:807:2a; **19**:723:1b
comparison with Mongoloid race **4**:558:3b; **8**:257:3a
evolutionary racial distinction **18**:845:1a, 852:1a
geographical race **1**:331:2a
religion and mythology
burial practices **3**:432:3b
canonization of Tekakwitha **11**:606:3a
Christian missions **16**:355:2b
Corn Mother **3**:635:1b
explanation of facts **24**:719:1b
guardian spirit **5**:534:3a
medicine man 7:1006:2a
medicine society **7**:1006:2b
rites **11**:812:2a; **26**:816:2a, 817:1b
sacred clown **10**:288:2b
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Shamanism 26:1016:2a
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role in Peru **25**:525:1b
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studies and research by
La Flesche, Francis **7**:63:2a
La Flesche, Susette **7**:63:2b
Sapir **10**:442:1a
Wissler **16**:878:2a
tents **11**:638:3a
warfare
scalping **10**:497:3b
tomahawks **11**:834:1b
for a list of related subjects see PROPAEDIA Section 511
see also American People, Arts of Native; Indian reservation; specific geographical culture areas, groups by name, and language groups
"American Indian, The" (work by Wissler)
discussed in biography **12**:714:1a
theories of culture **16**:878:2a
American Indian art: *see* American People, Arts of Native
American Indian Arts, Institute of (inst., Santa Fe, N.M., U.S.)
promotion of American Indian art **13**:345:2b
American Indian geographical race **1**:331:1b
classification of human populations **18**:851:2a
for a list of related subjects see PROPAEDIA: Section 412
see also Central American Indian local race; Fuegian local race; North American Indian local race; South American Indian local race
American Indian languages **1**:331:2a
for a list of related subjects see PROPAEDIA: Section 514
see also Mesoamerican Indian languages; North American Indian languages; South American Indian languages
American Indian literature
major ref. in Art of Native American Peoples **13**:313:1a
folklore **19**:309:1b
poetry **23**:82:2b
see also Hiawatha; Raven cycle
American Indian Movement, *or* AIM (Am. civil rights org.) **1**:331:3b
occupation of Wounded Knee **12**:763:1b
American Institute of Architects, *or* AIA (Am. org.)
building construction **15**:321:2a
role of
Bethune **2**:176:2b
Hunt **6**:158:1a
American Institute of Biological Sciences
Shark Research Panel **19**:209:1a
American Institute of Public Opinion, *or* Gallup Poll (Am. survev corp.)
evaluation of public opinion **26**:314:1b
founding by Gallup **5**:95:1a
American ivy (bot.): *see* Virginia creeper
American jacana, *or* Jacana spinosa (bird)
characteristics **6**:452:3a
American Jewish Historical Society (Am. rel. org.)
contribution of Adler **1**:100:3b
"American Jewish Year Book" (Am. period.)
contribution of Adler **1**:100:3b
"American Journal of Science," *or* "American Journal of Science and Arts," *or* "Silliman's Journal" (Am. period.)
contribution of Silliman **10**:812:1b; **12**:808:2a
"American Journal of Sociology" (Am. period.)
contribution of Small **10**:887:1a
development of sociology **27**:335:2b
American Kennel Club (Am. org.)
classification of dogs **17**:450:1b
American kestrel, *or* Falco sparverius, *or* sparrow hawk (bird)
description **6**:818:2b
use in falconry **4**:664:2a
American Labor Party (pol. party, U.S.) **1**:332:1a
politics of New York City **24**:910:2b
"American Language" (work by Mencken)
discussed in biography **8**:3:2b
American laurel (bot.): *see* mountain laurel
American law
major ref. in The Evolution of Modern Western Legal Systems **22**:917:2b
application of summary jurisdiction **11**:385:1b
branches
business law **15**:346:1a *passim to* 349:1a, 353:1b
constitutional law 16696:1b, 697:1b
contract law **15**:341:2b
criminal law **16**:797:1a *passim to* 814:2a; **16**:817:1b *passim to* 820:2b
family law **19**:80:2b
food law **19**:400:2a
labour laws **15**:361:2a *passim to* 364:2a
maritime law **28**:896:1a
property law 26:186:1b *passim to* 204:1a
trademark laws **11**:886:3b
treasure trove **11**:906:2a
transportation law **28**:890:1a
characteristics of
equity **4**:534:3b
injunction 6:318:2b
jurisdiction **3**:503:3a
jury **6**:661:1a; **22**:463:1a
death-qualified jury **3**:942:1b
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law reports **7**:201:3b
patent system **9**:194:3a
Supreme Court of the United States **11**:404:1b
United States Claims Court **12**:157:3b
United States Court of Appeals **12**:158:2a
United States District Court **12**:158:2b
concept of
extenuating circumstance **4**:637:2a
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immunity **6**:269:1b
indictment **6**:293:1b
privacy **28**:748:1a
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contribution of
Holmes **6**:12:1a
Marshall **7**:879:1a
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cities **16**:425:1a
conscientious objectors **3**:552:1a
referendum and initiative **9**:993:3a
treason **11**:906:2a
development of probate **9**:714:3b
effect of
full pardon **9**:148:3a
juvenile court **6**:668:2a
taxation **28**:417:2b
jurisdiction of magistrates' court **7**:673:1a
method of
inheritance **21**:639:1b
interrogation **6**:356:3a
model for Japanese law **6**:501:3a
penalties for homicide **6**:26:3b
procedural law 26150:2b, 162:2a
process of
impeachment **6**:270:3b
judicial review **6**:641:3a
regulation of propaganda 26:178:1b
right to assigned counsel **1**:644:1a
role in business organization **15**:367:1a
role of
attorney general **1**:688:3b
coroner **3**:645:1b
justice of the peace 6662:1b
oath **8**:847:3b
prosecutor **9**:734:3a
public defender **9**:778:2a
structure of
legal philosophies **25**:720:2b
legal profession 8:190:3a; **22**:846:1a *passim to* 853:1a
study in comparative law **27**:361:2a
test of criminal insanity **6**:329:2b
use of
bill of attainder **1**:684:3a
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deportation **4**:20:3a
law codes **7**:201:2b
validity of common-law mamage **3**:493:1b
see also Baumes Laws; common law; natural flow; reasonable

use; *and* specific types of legal bodies by name
American Law Institute (Am. hist.)
contribution to American criminal code 16797:1b
American leaf-nosed bat: *see* Phyllostomatidae
American League, *or* AL, *or* Western League (Am. sports org.) **1:**332:1b
origins of organized baseball **1:**932:1b
role in
All-star Game **1:**275:3b
baseball **28:**107:1a
see also National League
American Legion (Am. org.) **1:**332:1b
American leishmaniasis (disease)
infectious agent **7:**256:2b
American Liberty engine (motor): *see* Liberty engine
American Library Association, *or* ALA (Am. educ. org.)
library science **7:**334:2b
role of
Bowker **2:**439:3b
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American linden, *or* basswood, *or* whitewood, *or* Tilia americana (tree)
description **7:**373:1a
American lion (mammal): *see* puma
American literature
MICROPAEDIA **1:**332:2a
MACROPAEDIA 13301:1a
composition, structure, and style **23:**79:1b *passim to* 85:2a
conservatism from socio-economic doctrines **27:**433:1b
contribution to
biography **23:**192:2a, 193:2b
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comedic style **23:**160:1a
nonfictional prose **23:**178:2a *passim to* 186:2b
development during colonial period **29:**208:1b
development of
dictionaries and encyclopaedias **18:**280:1a
elegy **4:**441:1a
literary criticism 23:194:2b
proletarian novel 23:129:1a
short story **10:**761:2a; **23:**141:2a
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western genre **12:**599:1a
use of allegory 23:106:1b
for a list of related subjects see PROPAEDIA: Section 621
see also frontier humour; international novel; local colour; slave narrative; awards (*e.g.* Bollingen Prize; Pulitzer Prize); characters (*e.g.* Brer Rabbit; Bunyan, Paul; John Henry); groups and schools (*e.g.* Chicago literary renaissance; Hartford wit); specific authors by name
"American Literature and American Language" (essay by Eliot)
discussed in biography **4:**453:1b
"American Literature, Essays and Opinions," *or* "La letteratura americana e altri saggi" (work by Pavese)
discussed in biography 9:213:2b
American lobster, *or* Homarus americanus (zool.)
crustaceans **16:**840:1b
lobsters **7:**430:2b, *illus.*
American lotus, *or* Nelumbo lutea, *or* Nelumbo pentapetala, *or* water chinquapin (bot.)
lotus **7:**491:3b
Nelumbonales **8:**591:2a
American Lutheran Church (Am. rel. org.)
formation of Evangelical Lutheran Church in America **4:**614:1a
American mackerel (fish): *see* chub mackerel
"American Magazine" (Am. period.)
contribution of Webster **12:**551:1a
"American Magazine" (Am. period.)
contribution of Tarbell **11:**560:2b
American marten, *or* American sable, *or* Hudson Bay sable, *or* Martes americana, *or* pine marten (mammal)
description **7:**884:2a; 23417:2a
American Medical Association, *or* AMA (Am. org.) **1:**332:3b
medical associations **7:**1000:1b
American Merchants Union Express (Am. corp.): *see* American Express Company
"American Mercury" (Am. period.) **1:**333:1b
importance in publishing **26:**448:1b
role of Knopf **6:**916:3b
"American Minerva, The" (Am. news.)
contribution of Webster **12:**551:1a
American Missionary Association (Am. org.) **1:**333:1b
American mole shrew (mammal): *see* short-tailed shrew
American Motors Corporation, *or* AMC (Am. co.) **1:**333:2a
administration of manufacturing **21:**532:2a
history of automotive industry **21:**535:1b
American mountain ash, *or* dogberry, *or* Sorbus americana (bot.)
characteristics of mountain ash **8:**376:3a, *illus.*
American Museum (museum, N.Y.C., N.Y., U.S.)
purchase by Barnum **1:**907:3a
American Museum of Natural History (museum, N.Y.C., N.Y., U.S.) **1:**333:2b
system of operations **24:**483:2b
American Muslim Mission (rel. org.): *see* Islam, Nation of
American National Standards Institute, *or* ANSI (Am. org.)
drafting practices **17:**459:1b
Fortran programming languages **16:**647:1a
standardization **11:**209:1b
"American Nautical Almanac" (Am. period.)
contribution of Davis **3:**915:1b
American Negro (people): *see* American Coloured local race; black American
"American Notes" (work by Dickens)
discussed in biography **17:**269:2b
American Nurses' Association (Am. med. org.)
function in medicine **23:**817:1a
American organ (mus. instru.): *see* melodeon
"American Ornithology" (work by Bonaparte)
discussed in biography **2:**351:2b
"American Ornithology" (work by Wilson)
discussed in biography **12:**686:3b
history of Romanticism **25:**380:1a
American Orthodox Church (rel. org.): *see* Orthodox Church in America
American Osteopathic Association, *or* AOA (med. org.)
role in osteopathy 8:1035:1a
American oystercatcher, *or* Haematopus palliatus (bird)
description **9:**38:1b
American paddlefish, *or* Mississippi paddlefish, *or* Polyodon spathula, *or* spoonbill, *or* spoonbill sturgeon, *or* spoonbill cat (fish)
description **9:**52:1b; **19:**219:1a
American Paint Horse Association
registration of Pintos 9458:1a
American painted lady, *or* Vanessa virginiensis (insect)
Lepidoptera *illus.* Plate 3 fol. **21:**706
variety of painted lady *illus.* **9:**66
American Painters and Sculptors, Association of (art org.)
role in Armory Show **1:**570:3b
American party (pol. party, U.S.): *see* Know-Nothing party
American parula warbler (bird): *see* northern parula warbler
American Pavillion (pavillion, Brussels, Belg.)
design by Stone **11:**284:3a
American People, Arts of Native **13:**312:1a
basketry **17:**141:2b
carpet making **17:**81:2a
colonial architecture 13961:1b
encaustic **25:**328:2a
masks **23:**545:2b *passim to* 549:2a
metalwork **17:**166:2a
mosaic **17:**189:2a
percussion instruments **24:**662:2a
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Pre-Columbian art: *see* Pre-Columbian civilizations
puppets **26:**450:1a
religious symbolism **26:**595:1b
sand painting **25:**329:2a
sculpture of Viracocha *illus.* **12:**385
American peregrine falcon, *or* Falco peregrinus anatum (bird)
description **9:**283:3a
American persimmon, *or* Diospyros virginiana, *or* common persimmon (bot.)
Ebenales **4:**341:3a
persimmon **9:**310:2a, *illus.;* **13:**621:2a
American Petroleum Institute gravity scale, *or* API gravity scale (chem. meas.)
use **19:**574:1a
American Philosophical Society (sci. org.) **1:**333:3a
contribution of Franklin **19:**532:2a
role in American colonies **29:**208:1a
American plane tree, *or* buttonball, *or* buttonwood, *or* Platanus occidentalis, *or* whitewood (bot.)
characteristics **9:**495:3a
classification of Hamamelidales **5:**654:3a
American plum weevil (zool.): *see* plum curculio
American Podiatry Association, *or* National Association of Chiropodists (Am. med. org.)
establishment **9:**539:2a
"American Politician, An" (work by Crawford)
criticism of Gilded Age **5:**265:2a
American Printing House for the Blind (publishing co.)
feature of Louisville **7:**512:3a
American Professional Football Association (Am. sports org.): *see* National Football League
American Protective Association, *or* APA (Am. pol. org.) **1:**333:3b
American quarter horse (breed of horse) **1:**333:3b
breeding in livestock farming **19:**146:2b
American Railway Express Company (Am. firm): *see* REA Express, Inc.
American Railway Union (labour org.)
contribution of Debs **3:**945:1b
founding in Terre Haute **29:**358:2b
American Red Cross (health org.)
contribution to lifesaving **7:**348:3b
establishment by Barton **1:**927:3a
significance of swimming **11:**445:3b
American Relief Administration (Am. org.)
aid to U.S.S.R. **21:**820:1a; **28:**1002:1b
American Renaissance, *or* New England Renaissance (lit.)
MICROPAEDIA **1:**334:1a
MACROPAEDIA **13:**303:1b
influence of Thoreau **11:**725:3a
literary movements in United States **29:**276:1b
for a list of related subjects see PROPAEDIA: Section 621
see also Transcendentalism
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major ref: in Stars and Star Clusters **28:**210:1a
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"Celestial Mechanics," *or* "Traitt de mécanique celtste" (work by Laplace)
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Gregory VII **5:**479:1b
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Apostolic sects **1:**488:1b
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for lists of related subjects see PROPAEDIA: Sections 311; 331
see also tissue; theory (*e.g.* cell theory); types by cell plan (*e.g.* eucaryote; mesokaryote; procaryote); types by taxonomic kingdom (*e.g.* choanocyte; colloblast; heterocyst; musculoepithelial cell; mycetocyte; neoblast; peptidoglycan; plant cell; prosthecae; vanadocyte); types by reaction to oxygen (*e.g.* aerobe; anaerobe); types by ability to reproduce (*e.g.* germ cell; soma); other types (*e.g.* amoebocyte; amphophil; coenocytic cell; stem cell; target cell; syncytium); processes (*e.g.* absorption; cell division; chemical signaling; endocytosis; exocytosis; secretion; transformation); properties (*e.g.* irritability; radiosensitivity); intracellular components (*e.g.* membrane); *and* cells of specific organs or systems (*e.g.* blood cell; neuron)
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see also electrolytic cell; nuclear cell; photovoltaic battery; solar cell
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cell division, *or* cell reproduction (biol.)
major ref: in Cells **15:**585:2b
see also daughter cell; fertilization; types (*e.g.* fission; meiosis; mitosis); *and* structures (*e.g.* centriole; mitotic spindle)
"Cell Growth and Cell Function" (work by Caspersson)
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cell of Mauthner, *or* M-cell, *or* Mauthner cell (zool. anat.)
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cell system (biol.): *see* cell
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Oparin **8:**961:2b
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bacterial cell **14:**571:2b, *illus.* , 573
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cella, *or* naos (arch.) **3:**13:3b
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Fontainebleau school **4:**866:3a
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"Cello Concerto in B-flat" (work by Boccherini)
discussed in biography **2:**312:1a
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"Cellular Pathology as Based upon Physiological and Pathological Histology," *or* "Cellularpathologie in ihrer Begründung auf physiologische und pathologische Gewerbenlehre" (work by Virchow)
discussed in biography **12:**386:2a
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for a list of related subjects see PROPAEDIA: Section 322
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cellular response (biol.): *see* receptor–effector coupling
cellular slime mold (slime mold): *see* Acrasieae
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major ref. in Chemical Process Industries **21:**356:2b
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Celman, Miguel Juárez (pres. of Arg.): *see* Juárez Celman, Miguel
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for a list of related subjects see PROPAEDIA: Section 313
Celosia argentea (plant)
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for a list of related subjects see PROPAEDIA: Section 214
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Celsius, Olof (Swed. sci.)
influence on Linnaeus **7:**380:1a
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for a list of related subjects see PROPAEDIA: Section 511
see also specific groups by name, *e.g.,* Gaul
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Celtes, Conradus (Ger. schol.): *see* Celtis, Conradus
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Belmont Stakes **5:**726:3b
Celtic Church (Christianity) **3:**17:2a
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Aidan **29:**109:1b
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monastic system in Ireland **21:**1006:1b
role in England **29:**26:2a
Celtic field system (agri.)
British development **29:**21:2a
Celtic languages, *or* Keltic languages
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for a list of related subjects see PROPAEDIA: Section 514
see also Breton language; Cornish language; Irish language; Manx language; Pictish language; Scottish Gaelic language; Welsh language
Celtic literature, *or* Gaelic literature, *or* Gaeilge literature, *or* Gaedhilge literature

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Celtic religion **18:**764:2b
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alliterative verse **1:**283:2b
ogham alphabet **29:**1047:2b, *table* 1048
for a list of related subjects see PROPAEDIA: Section 621
see also banshee; fili; Gaelic revival; leprechaun; Ossianic ballads; genres (*e.g.* imram; scel); types of Celtic literatures (*e.g.* Breton literature; Cornish literature); works (*e.g.* "Dinnsheanchas"; "Lismore, The Book of the Dean of"; "Vision of MacConglinne, The")
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MICROPAEDIA 3:18:2b
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for a list of related subjects see PROPAEDIA: Section 822
see also Druid; gods (*e.g.* Belenus; Bran; Cernunnos; Dagda; Don; Esus; Goibniu; Llyr; Lugus; Manannan mac Lir; Maponos; Ogmios; Sucellus; Taranis; Teutates); goddesses (*e.g.* Brigit; Macha; Medb; Rhiannon); rites (*e.g.* banais righi); festivals (*e.g.* Beltine; Imbolc; Lugnasad; Samhain); *and* mythical characters (*e.g.* Pwyll; Tuatha Dé Danann)
Celtic Sea (sea, Eur.)
location *map* **21:**999
"Celtic Twilight, The" (work by Yeats)
discussed in biography **12:**829:3b
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Centre National **d'Art** et de Culture Georges Pompidou (cultural centre, Paris, Fr.): *see* Pompidou Centre
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discussed in biography **6:**790:1b

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"Clown, The," *or* "Ansichten eines Clowns" (work by Böll)
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Clunies-Ross, George (Christmas Is. settler)
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Clupisudis (fish): *see* Heterotis

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Clyfflé, Paul-Louis (Fr. art.)
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Clytoceyx rex (bird): *see* shovel-billed kingfisher
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C.M. (Roman Cath. soc.): *see* Vincentian
CM (U.S. spacecraft): *see* Command Module
C.M. Russell Museum (museum, Great Falls, Mont., U.S.)
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CMA (Mex. co.): *see* Mexicana Airlines
CMAS (internat. org.): *see* World Underwater Federation
CMEA (internat. org.): *see* Mutual Economic Assistance, Council for
C.M.G. (Br. knighthood): *see* Saint Michael and Saint George, The Most Distinguished Order of
CMI: *see* cell-mediated immunity
CMI (mus. synthesizer): *see* Fairlight Computer Musical Instrument
CMOS (elec.): *see* complementary metal-oxide semiconductor
CMP (chem. compound): *see* cytidine monophosphate
CMRN (pol. party, Guin.): *see* Military Committee for National Redress
CMS: *see* Church Missionary Society
CMSN (mil. junta, Buru.): *see* Military Committee for National Salvation
CMV (virus): *see* cytomegalovirus
CN (Can. co.): *see* Canadian National Railway Company
CN (chem. compound): *see* cyanide
CNC (Mex. pol. org.): *see* National Peasant Confederation
CNC (tech.): *see* computer numerical control
Cneius (Roman name): *see* Gnaeus
Cnemidophorus (lizard genus): *see* racerunner
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Cneoraceae, *or* spurge olive family (plant family)
characteristics **13:**703:2b
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for a list of related subjects see PROPAEDIA: Section 313
see also non-taxonomic groups (*e.g.* hydrocoral; jellyfish); fossil orders (*e.g.* Stromatoporida); classes (*e.g.* Anthozoa; Hydrozoa; Scyphozoa); *and* structures (*e.g.* coelenteron; gonozooid; medusa; nematocyst; planula; polyp)
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Cnidosculos (plant genus)
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Cnidus (anc. city, Tur.) **3:**406:3b
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Cnidus, Battle of (Pers. hist.)
effect on Anatolia **28:**941:1a
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CNIP: *see* National Centre of Independents and Peasants
CNIT Exhibition Hall (bldg., Paris, Fr.)
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C.N.M.: *see* certified nurse-midwife
CNN (Am. co.): *see* Cable News Network
Cnossus (anc. city, Crete): *see* Knossos
CNR (mil. org., Burkina Faso): *see* National Revolutionary Council
CNT (Sp. labour union): *see* National Confederation of Labour
CNV (physiol.): *see* contingent negative variation
CO (chem. compound): *see* carbon monoxide
Co (chem. element): *see* cobalt
Co Loa (anc. citadel, Vietnam)
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co-op (bus. org.): *see* cooperative
Co-operative Commonwealth Federation, *or* CCF (pol. party, Can.) **3:**407:1b
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"Co-operative Movement in Great Britain, The" (book by Webb)
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Co-operative Republic of Guyana: *see* Guyana
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Co-operator (Opus Dei)
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discussed in biography **8:**287:1a
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combative sports: *see* boxing; fencing; gladiator; joust; martial art; savate; wrestling
combats des taureaux: *see* bullfighting
"combattimento di Tancredi e Clorinda, Il" (work by Monteverdi): *see* "Combat of Tancredi and Clorinda, The"
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comedia de capa y espada (Sp. lit.): *see* cloak and sword drama
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Comédie-Italienne (Fr. thea.) **3:**481:2a
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comédie larmoyante (Fr. thea.) **3:**481:2b
French literature **19:**550:1a
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La Chaussée **7:**61:3b; **10:**640:2a
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comedo carcinoma (path.)
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role of
director **28:**528:1b
fool **4:**870:1b
satire **23:**173:2b
situational humour **20:**686:1a
for a list of related subjects see PROPAEDIA: Section 621
see also fabula palliata; humours, comedy of; intrigue, comedy of; manners, comedy of; sentimental comedy; slapstick; *and* individual authors, *e.g.,* Molière; Rabelais, François
comedy of . . . : *see under* substantive word, *e.g.,* manners, comedy of, except as below
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Comenius, John Amos, *or* Jan Amos Komensky (Czech. educ.) **3:**482:1a
audiovisual education **1:**695:1a
children's literature **23:**199:2a
church unity **16:**360:2b
Czechoslovak literature **16:**902:2b
history of
Bohemia **16:**921:1b
Leszno **7:**301:1b
Poland **25:**946:1b
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Comenius University, *or* Academia Istropolitana (Univ., Czech.)
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Comeragh Mountains (mts., Ire.) **3:**483:1a
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Comércio, Praça do (square, Lisbon, Port.): *see* Palace Terrace
Comerford, J. (Br. art.)
portrait of Flood *illus.* 4837
Comerio (P.R.)
location *map* 29755
comes Africae (Roman mil. offi.)
history of North Africa **24:**956:2a
comes **stabuli** (anc. offi.)
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Tunguska event **12:**41:2b
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Donati **4:**173:1a
Halley **5:**645:1a
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for a list of related subjects see
PROPAEDIA: Section 133
see also particular comets (*e.g.* Encke's Comet; Halley's Comet)
'Comet'' (steamship)
design by Bell **2:**69:3a
Comet. . . : ***see under*** substantive word, *e.g.*, Bennett, Comet, except as below
Comet **P/Encke** (astron.): ***see*** Encke's Comet
Comet **P/Halley** (astron.): ***see*** Halley's Comet
Comet **P/Schwassmann-Wachmann** 1 (astron.): ***see*** Schwassmann-Wachmann 1, Comet
comet tail, *or* tail of a comet (astron.)
major ref: in Solar System **27:**539:2b
Comet Mrkos *illus.* 27540
feature of comets **3:**483:2a; **27:**533:2a, 537:2a
cometary mantle (astron.)
composition of comets **27:**541:2a
cometary nucleus (comet): ***see*** nucleus
comfit pan, *or* revolving pan
use in confectionery **19:**396:2a
Comfort, Alex, *or* Alexander Comfort (Br. au.) **3:**483:3a
comfortroot (bot.): ***see*** coontie
comfrey (bot.) **3:**483:3b
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development of term **15:**539:2b
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major ref: in Musical Forms and Genres 24629:1b ***passim to*** 640:2b
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Clement IX **3:**373:3a
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Comic Opera (Ger. opera)
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for a list of related subjects see
PROPAEDIA: Section 628
see also animation; cartoon
comic verse, *or* giocoso verse (It. lit.)
inajor ref. in Italian Literature **22:**156:1a
''Comical Revenge; or, Love in a Tub, The'' (play by Etherege)
discussed in biography **4:**578:1a
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Cominform, *or* Communist Information Bureau, *or* Information Bureau of the Communist and Workers' Parties, *or* Informatsionnoye Byuro Kommunisticheskikh i Rabochikh Party **3:**485:1b
major ref: in Modem Socio-Economic Doctrines and Reform Movements **27:**405:2a
Bulgaria **14:**634:2a
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''Coming of Age in Samoa'' (work by Mead)
discussed in biography **7:**987:2b
coming-of-age rite
major ref: in Sacred Rites and Ceremonies **26:**803:1b, 838:1b
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''Coming of Autumn, The'' (work by Hung-jen)
Eight Eccentrics of Yang-Chou *illus.* **4:**399
''Coming of Autumn, The'' (work by Kuo Hsi)
discussed in biography **7:**37:2a
''Coming of **Quetzalcoatl,** The'' (mural by Orozco)
discussed in biography **8:**1011:3a
''Coming of Slaughter'' (work by Ondaatje)
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''Coming of the French Revolution, The,'' *or* ''Quatre-vingt-neuf'' (work by Lefebvre)
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Comintern: ***see*** International, Third
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Comiskey, Charles (Am. athlete and sports exec.)
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Comité International de la Croix-Rouge (Swiss charitable org.): ***see*** International Committee of the Red Cross
Comité International **Olympique:** ***see*** International Olympic Committee
Comité Militaire de Salut National (mil. junta, Buru.): ***see*** Military Committee for National Salvation
Comité National **Français** (Fr. hist.): ***see*** French National Committee
Comité Révolutionnaire d'Unité et d'Action (pol. org., Alg.): ***see*** Revolutionary Committee of Unity and Action
Comité Special de **l'Année Géophysique** Internationale, *or* CSAGI
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see also Comitia Centuriata; Comitia Curiata
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Comitia Curiata (anc. Roman comitia)
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mystery religions 24709:1b
Zoroastrianism **29:**1084:1a
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Commander Islands (isls., Russ.): ***see*** Komandorskiye Islands
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commands, **logic** of: ***see*** logic of commands
"Commare seca, La'' (film by Bertolucci): ***see*** ''Grim Reaper, The''
''Commedia'' (work by Dante): ***see*** ''Divine Comedy, The''
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see also Comtdie-Italienne; harlequinade; lazzo; companies (*e.g.* Accesi, Compagnia degli; Comici Confidènti; Desiosi, Compagnia dei; Fedeli, Compagnia dei; Gelosi, Compagnia dei; Uniti, Compagnia degli); ***and*** characters (*e.g.* Capitano; Columbine; Dottore; Pantaloon; zanni)
commedia erudita (It. dramatic form) **3:**487:2a
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discussed in biography **11:**426:2b
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description **3:**925:1b
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Commelina diffusa (plant)
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Commelinales, *or* spiderwort order (plant order) **3:**487:2a
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Commelinidae (plant subclass) **3:**487:3b
major ref: in Angiosperms **13:**736:2a
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commensality (sociol.)
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common law development **22:**916:2b
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"Commentarii de **bello** Gallico" (work by Caesar): *see* "Gallic Wars, The"
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"De," "la," "van," and similar components of a name, when followed by a space, are alphabetized as separate words (e.g., De Forest, Lee). When they are joined to the following part of a name, the combination is treated as a single word (e.g., DeForest, John William).

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see also extermination camp; *and* particular camps (*e.g.* Bergen-Belsen; Buchenwald: Dachau; Flossenbürg; Mauthausen; Natzweiler-Struthof; Neuengamme-Ring; Plaszow; Ravensbrück; Sachsenhausen; Westerbork)
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"Concept of a Riemann Surface, The," *or* "Die Idee der Riemannschen Fläche" (study by Weyl)
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"Concerning German Nature and Art," *or* "Von deutscher Art und Kunst" (Ger. pub.)
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"Concerning the Cause, Principle, and **One,"** *or* "De la causa, principio e uno" (work by Bruno)
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"Concerning the Dogma of Redemption" (work by Antony Khrapovitshy)
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"Concerning the End for **Which** God Created the World" (work by Edwards)
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"Concerning the Relations of Great Britain, **Spain** and Portugal. **. . as Affected** by the Convention of Cintra" (essay by Wordsworth)
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"Concerning the Spiritual in Art," *or* "Uber das Geistige in der Kunst" (work by Kandinsky)
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Ahmed Hasim **1**:167:1b
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"Dawn on Our Darkness," ***or*** "Cela s'appelle l'aurore" (work by Roblts)
discussed in biography 10:116:1b
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distribution **3**:539:1a
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location ***map*** **15**:444
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Day, Benjamin Henry (Am. journ. and publ.) **3**:923:1b
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day fighter (aircraft)
fighter aircraft **4**:771:2a; **29**:676:2b
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discussed in biography **9**:1028:2b
Day-Lewis, Cecil, ***or*** Cecil Day Lewis, ***or*** Nicholas Blake (Br. poet) **3**:924:1a
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rites of Great Mother of the Gods **5**:446:2b
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Day of Judgment, ***or*** Day of Remembrance (Jewish holiday): ***see*** Rosh Hashana
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"Day of the Guns" (work by Spillane)
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discussed in biography **12**:587:3b
Day of the Virgin of El **Pilar,** ***or*** Day of the Race, ***or*** Hispanic Day (Sp. holiday)
significance in Spain **28**:17:2a
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see also Land Dayak
dayal (bird): ***see*** dyal
Dayal Das (Indian rel. leader)
founder of Nirankari sect **8**:722:1a
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Daye (China): *see* Ta-yeh
Daye, Stephen (Am. print.): *see* Day, Stephen
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Ramses IV **9**:929:1b
Ramses V **9**:929:2a
excavation by Maspero 7 914:1b
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defeat of Ibn al-Ashath **6**:217:1b
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climate of Syria **28**:363:1a
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Dayr Mari **Antonios** (monastery, Egy.)
establishment by Anthony of Egypt **1**:443:3b
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"Days of Hope" (work by Malraux): *see* "Man's Hope"
"Days on a Cloud," *or* "Dage på en sky" (work by Abell)
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Dayton Art Institute (museum. Dayton, Ohio, u.s.)
Dayton *illus.* **3**:926
Daytona 200-mile race (motorcycle race)
description **8**:367:3a
Daytona Beach (Fla., U.S.) **3**:926:3a
association with Ormond Beach **8**:1007:1b
location *maps* **29**:154, 177
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type of middot **8**:111:3a
Daza (Af. people)
distribution in Chad **29**:837:2a
Dazai Osamu, *or* Tsushima Shuji (Japanese au.) **3**:926:3a
contribution to Japanese literature **22**:321:2a
dazhuan (calligraphy): *see* ta-chuan
Dazmana, *or* Dazimon (Tur.)
site of Byzantine defeat **11**:694:2b
dB (unit of meas.): *see* decibel
D.B.E. (Br. order of knighthood): *see* British Empire, The Most Excellent Order of the
Dbus-Gtsang (reg., China) **3**:927:1a
geography of Tibet **16**:207:2a
D.C. (fed. dist., U.S.): *see* Washington
DC (elec.): *see* direct current
DC (pol. party, It.): *see* Christian Democratic Party
D.C. (rel. congregation): *see* Charity of Saint Vincent de Paul, Daughters of
DC-2, *or* Douglas DC-2 (aircraft)
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DC-3, *or* C-47, *or* Dakota, *or* Douglas DC-3, *or* R4D, *or* Skytrain (aircraft) 3927:1b
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work of
Douglas Company **7**:618:3b; **28**:805:2a
Northrop **8**:792:3a
DC-4, *or* Douglas DC-4, *or* C-54 (aircraft)
design **28**:806:1b
military aviation 29614:1b
DC-6, *or* Douglas DC-6 (aircraft)
design **28**:806:2b
DC-7, *or* Douglas DC-7 (aircraft)
design **28**:806:2b
dc potential (biol.)
type of bioelectricity **18**:184:2b
D.C.M.G. (Br. knighthood): *see* Saint Michael and Saint George, The Most Distinguished Order of
D.C.V.O. (Br. knighthood): *see* Royal Victorian Order
DD3 actuator (brake system)
use in trucks **11**:950:3b; **28**:817:2b
Dda, **Howel,** *or* Hywel Dda (Welsh ruler)
contribution to Welsh history **15**:599:2a
DDR (hist. nation, Ger.): *see* German Democratic Republic
D.D.S. (degree): *see* doctor of dental surgery

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

DDT, *or* dichlorodiphenyltrichloroethane, *or* 1,1,1-trichloro-2,2-bis (*p*-chlorophenyl) ethane (chem. compound) **3**:927:2b
biological aspects
agriculture **13**:191:2b
carcinogenic properties **15**:520:2a; **25**:917:1a
environment **6**:331:1b; **16**:667:1a, 683:1b
insect control **21**:651:2a, 660:1a
genetically resistant mutations **19**:722:1a
malaria eradication **23**:787:2a
poisoning **9**:548:1a
toxicity 19:110:2a; **25**:101:2a
chemical aspects
methyoxychlor **8**:71:1b
organic halogen compounds **15**:814:1a
work of Müller **8**:408:3b
for lists of related subjects see PROPAEDIA: Sections 122; 321
de (in proper names): *see* below; *see also* names spelled with no space after "de," *e.g.*, deMille, Cecil *B.;* and *see also under* substantive part of name, *e.g.*, Gaulle, Charles-Andre-Mane-Joseph de
De Aar (S.Af.)
location *map* 27840
"de abajo, Los" (novel by Azuela): *see* "Underdogs, The"
"De administrando imperio" (work by Constantine Porphyrogenitus)
discussed in biography **3**:562:2a
study of Hungarian language **22**:686:1b
"De aedificiis" (work by Procopius): *see* "Buildings"
"De aequationum recognitione et emendatione" (work by Viète)
discussed in biography **12**:360:2a
"De aere, aquis, et **locis"** (work by Hippocrates): *see* "Air, Waters, and Places"
"De **agricultura"** (work by Cato the Elder)
discussed in biography **2**:959:2a
history of ancient Rome **20**:297:1b
"De alia **musica"** (work by Hucbald)
discussed in biography **6**:115:3b
De Amicis, Edmondo (It. au.) **3**:927:3a
"De **amore** coniugali" (work by Pontano)
discussed in biography **9**:598:3a
"De analemmate" (work by Ptolemy): *see* "Analemma"
"De Analysi **Aquarum"** (work by Bergman)
discussed in biography 2:129:1b
"De auima" (work by Aristotle): *see* "On the Soul"
"De anima" (work by Gundisalvo)
discussed in biography **5**:569:2b
"De Antholysi **Prodromus"** (thesis by Engelmann)
discussed in biography 4494:1b
"De Antiquissima Italorum Sapientia" (oration by Vico)
discussed in biography **12**:347:1a
"De aquis urbis Romae" (hist. by Frontinus)
discussed in biography **5**:22:3a
"De ara Victoriae" (oration by Symmachus)
discussed in biography **11**:459:3a
"De architectura," *or* "De architectura libri decem" (treatise by Vitruvius): *see* "On Architecture"
"De arithmetica" (work by Capella)
discussed in biography **2**:828:3a
"De Arte Combinatoria" (work by Leibniz)
discussed in biography **7**:250:1b
history of logic **23**:270:1a
"De arte dialectica" (work by Capella)
discussed in biography **2**:828:2b
"De arte grammatica" (work by Capella)
discussed in biography **2**:828:2b
"De arte rhetorica" (work by Capella)
discussed in biography **2**:828:2b
"De arte saltandi et **choreas** ducendi" (work by Piacenza)
Renaissance dance **16**:961:2b
"De arte venandi cum avibus" (work by Frederick II)
discussed in biography **4**:954:1a
"De **astrologia"** (work by Capella)
discussed in biography **2**:828:3a
"De astrologia" (work by Conon of Samos)
discussed in biography **3**:545:1a
"De Augmentis Scientiarum" (work by Bacon)
discussed in biography **14**:566:2a
"De Babilonia **civitate** infernali" (work by Giacomino da Verona)
Italian literature 22:156:1b
De Bakey, Michael Ellis (Am. surg.) **3**:927:3a
"De Baptismo" (work by Mark)
discussed in biography **7**:857:3b
"De Baptismo" (work by Tertullian)
references to baptismal sponsors **5**:326:2b
de Becquet brothers (Fr. artists)
lithograph of Fesch *illus.* 4752
de Beer, Sir Gavin Rylands (Br. zool.) **3**:927:3b
de Beer, Jan (Flem. paint.)
"Adoration of the Magi" *illus.* **1**:471
De Beers Consolidated Mines, Ltd. (S.Af. co.) **3**:928:1a
growth under Rhodes **10**:26:1a
history of
Namibia **27**:906:1b
South Africa 27922:1b, 927:2a
merger with Barnato Diamond Mining Company **1**:905:2a
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"Dissertatio cum Nuncio Sidereo **Nuper** ad Mortales Misso a Galilaeo Galilaeo" (work by Kepler)
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"Dissertation on the Letters of Phalaris," *or* "Dissertation upon the Epistles of Phalaris" (work by Bentley)
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for a list of related subjects see PROPAEDIA: Section 621
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"Economic Doctrines of Karl Marx, The," *or* "Karl Marx' Okonomische Lehren" (work by Kautsky)
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see also forms (*e.g.* chanson de geste; drame bourgeois; fabliau; Ysopet); schools (*e.g.* French Academy; philosophe; Pléiade, La); individual works (*e.g.* "Roman de la Rose"); individual characters (*e.g.* Robert the Devil); *and* authors by name, (*e.g.* Corneille, Pierre; Voltaire)
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for a list of related subjects see PROPAEDIA: Section 412
see also local race; microrace; and types (*e.g.* American Indian geographical race; Australoid geographic race; Caucasoid geographic race; Indic geographic race; Melanesian geographic race; Micronesian geographic race; Mongoloid geographic race; Negroid geographic race; Polynesian geographic race)
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"Geographical Pivot of History, The" (work by Mackinder)
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"Géographie universelle" (Fr. monograph)
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"Geographike hyphegesis" (work by Ptolemy): see "Guide to Geography"
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Islamic geographers **22:**53:2b
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Strabo **11:**296:2b
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see also branches (*e.g.* biogeography; human geography; linguistic geography; physical geography; regional geography; social geography); and interdisciplinary branches (*e.g.* paleogeography; soil geography)
"Geography" (work by Strabo)
discussed in biography **11:**296:2b
"Geography Made Easy" (work by Morse)
discussed in biography **8:**340:2a
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"Geologic History of the Yosemite Valley" (work by Matthes)
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"Geologic Map of England and Wales with part of Scotland" (work by Smith)
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see also types of unit (*e.g.* biostratigraphic unit; boundary stratotype; sequence); particular units (*e.g.* epoch; era; erathem; glacial stage; interglaciation; period); and divisions (*e.g.* Lipalian interval; Phanerozoic Eon; Precambrian time; Primary)
geological climate unit (geol. time): see glacial stage; interglaciation
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"Geological Essays" (work by Kirwan)
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Geological Museum (museum, Lima, Peru)
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see also astrogeology; crystallography; marine geology; branches for the study of the Earth's composition (*e.g.* coal geology; economic geology; geochemistry; geognosy; metallurgy; mineralogy; pedology; petroleum geology; petrology; soil chemistry); branches for the study of the Earth's structure (*e.g.* geodesy; geophysics; speleology; structural geology; tectonics; volcanology); branches for the study of surface features and processes (*e.g.* engineering geology; environmental geology; geomorphology; glacial geology; periglaciology); branches for the study of the Earth's history (*e.g.* historical geology; sedimentology; stratigraphy); and branches by method and practice (*e.g.* field geology)
"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)
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see also magnetosphere; rock magnetism; geomagnetic disturbances (*e.g.* electrojet; magnetic storm); measurement of the geomagnetic field (*e.g.* angle of dip; magnetic survey); parts of the geomagnetic field (*e.g.* auroral oval; geomagnetic pole); properties and processes (*e.g.* magnetic anomaly; polar wandering); sources (*e.g.* ionospheric dynamo; magnetotail current); and theories (*e.g.* dipolar hypothesis; dynamo theory)
Geomagnetic North Pole (geophys.): see North Geomagnetic Pole
geomagnetic-polarity time scale (geol.): see magnetic-polarity time scale
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geomagnetic storm (geophys.): see magnetic storm
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Geometres, John, or John Kyriotes (Byz. poet) **5:**192:1a
"Geometria Indivisibilibus Continuorum Nova **Quadam** Ratione **Promota"** (work by Cavalieri)
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"Geometriae Pars Universalis" (work by Gregory)
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geometric isomerism (chem.): see cis-trans isomerism
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for a list of related subjects see PROPAEDIA: Section 628
geometric tortoise, or Psammobates geometricus (zool.)
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geometric variable star: *see* eclipsing variable star
"Geometrica Organica; Sive Descriptio Linearum Curvarum Universalis" (work by Maclaurin)
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geometrical isomerism (chem.): *see* cis-trans isomerism
"Geometrical Lectures," *or* "Lectiones Geometricae" (work by Barrow)
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"Géométrie, La" (work by Descartes)
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geometry of numbers: *see* geometric number theory
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Georg August (k. of Gt.Br.): *see* George II
Georg August Friedrich (k. of U.K.): *see* George IV
Georg-August-Universität zu Göttingen (univ., Göttingen, Ger.): *see* Göttingen, University of
Georg Ludwig (k. of Gt.Br.): *see* George I
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George, Brother (Hung. card.): *see* Martinuzzi, Gyorgy
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Green, Duff (Am. pol. journ.) **5:**464:2a
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Green, Hetty, *or* Henrietta Howland Robinson (Am. financier) **5:**464:3a
Green, Ian Ernest Gilmore (Can. mus.): *see* Evans, Gil
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major ref: in Algae **13:**234:2b
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role in Austrian politics **14:**506:1a
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"Green Book, The" (work by Qaddafi)
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description **1:**553:2b
green drake mayfly, *or* Ephemera danica (insect)
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green foxtail, *or* Setaria viridis (bot.)
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green grass snake (reptile): *see* smooth green snake
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green hellebore, *or* Helleborus viridis (bot.)
description **5:**815:1b, *illus.*
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"Green Henry," *or* "Der grüne Heinrich" (work by Keller)
discussed in biography **6:**788:1b
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"Green Hills of Africa" (work by Hemingway)
discussed in biography **5:**825:2a
green honeycreeper, *or* Chlorophanes spiza (bird)
colour picture *illus.* Plate 4 fol. 15100
'Green House, The," *or* "La casa verde" (novel by Vargas Llosa)
discussed in biography **12:**271:2a
green hydra, *or* Chlorohydra viridissima (cnidarian)
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green monkey, *or* Cercopithecus sabaeus
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Green Monster (race car)
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Ilha (is.): *see under* substantive word, *e.g.,* Corvo Island
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"De," "la," "van," and similar components of a name, when followed by a space, are alphabetized as separate words (e.g., De Forest, Lee). When they are joined to the following part of a name, the combination is treated as a single word (e.g., DeForest, John William).

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control of flea infestations **21:**737:2a
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insect control **21:**651:2a, 660:1a
for a list of related subjects see PROPAEDIA: Section 321
see also aldrin; botanical; chemosterilant; DDT; Malathion; methoxychlor; miticide; pyrethrin; rotenone; systemic insecticide; tetraethyl pyrophosphate; toxaphene
insectivore, *or* Insectivora (order of mammals)
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Carnivora **23:**425:2a
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primate evolution **23:**377:2a
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see also elephant shrew; gymnure; hedgehog; otter shrew; shrew; solenodon; tenrec; tree shrew
insectivorous plant (bot.): *see* carnivorous plant
"**Insectivorous** Plants" (work by Darwin)
discussed in biography **16:**980:1b
insei (Japanese hist.)
major ref: in Japan **22:**282:2a
effect on Fujiwara family **5:**38:2a
introduction by Shirakawa **10:**748:3a; **11:**509:2b
practiced by Go-Shirakawa **8:**148:2a
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Insel Verlag (Ger. publ.)
effect of Arts and Crafts Movement **26:**103:1b
inselberg (geol.)
MICROPAEDIA **6:**331:3b
MACROPAEDIA **16:**734:2b
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feature of jungles and rain forests **14:**1210:1a
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Somalia **17:**829:1b
South America **27:**585:2a
Sri Lanka **28:**167:2b
Sudan **28:**251:2b
landform evolution **16:**707:2b, *illus.* 708, 735
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for a list of related subjects see PROPAEDIA: Section 232
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insensible perspiration (physiol.) perspiration 9:313:3a
insertion (anat.)
role in muscle contraction **13:**769:1b
insertion reaction (chem.)
synthesis of organometallic compounds **15:**897:2a *passim to* 899:2a
insha' (lit.)
place in Islamic literature **22:**52:2b
iusha'a Allah (Islam)
affirmation of Allah **1:**276:1b
"Inside of a Stable" (paint. by Morland)
discussed in biography *illus.* **8:**327
Inside Passage, *or* Inland Passage, *or* Marine Highway (sea route, N.Am.) **6:**332:1b
Canadian Cordilleras 24:1009:1a
Queen Charlotte Sound **9:**850:1a
"Inside the Endless House" (work by Kiesler)
discussed in biography **6:**856:3b
inside-the-park home run (baseball)
scoring **28:**111:1b
"Inside the Third Reich," *or* "Erinnerungen" (work by Speer)
discussed in biography **11:**82:1b
insider trading (bus.)
comparison with risk arbitrage **1:**521:2b
insight (learning) **6:**332:2a
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human
rationalistic doctrines **25:**640:2a
thought processes **28:**652:1a,

653:2b
for lists of related subjects see PROPAEDIA: Sections 431; 435
"Insight" (work by Lonergan)
contribution to epistemology **16:**328:2b
"Insolacibn" (work by Bazán)
discussed in biography **9:**148:2b
insolubilia (logic)
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insolvency (fin.)
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MACROPAEDIA **15:**355:2a
comparison with bankruptcy **1:**872:2a
insomnia, *or* hyposomnia (path.) **6:**332:2b
sleep disorders **27:**306:1a, 307:2b
for a list of related subjects see PROPAEDIA: Section 433
"Insomnis **Cura Parentum"** (work by Moscherosch)
discussed in biography **8:**347:2b
inspecteurs de police (Fr. govt. offi.)
role in French police **25:**959:2b
"Inspector General, The" (work by Gogol): *see* "Government Inspector, The"
Inspector of the Armed Forces, Office of the (Czech. govt.)
Czechoslovak armed forces **16:**912:1b
Inspectorate General of Customs (Chin. hist.)
administration in Ch'ing dynasty **16:**126:2a
Inspectorate of Prisons (Br. govt.)
maintenance of prison system **16:**812:1b
inspiration, *or* inhalation (biol.)
comparison in speech and rest **28:**79:2b
dynamics of gas poisoning **25:**910:2b
process of respiration **26:**728:2b, 732:2b, 738:2a *passim to* 747:2a
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inspiration (rel.)
millenialism **17:**406:2a
prophecy **17:**426:1b
inspiration of scripture
biblical literature 14999:1b
instability (mech.)
mechanics of deformation **23:**746:2b
installment credit, *or* installment plan, *or* hire-purchase plan (fin.) **6:**332:3a
for a list of related subjects see PROPAEDIA: Section 533
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freeze-drying 19342:1a
production history **14:**880:2b
"Instant in the Wind, An," *or* "'N Oomblik in die wind" (work by Brink)
discussed in biography **2:**521:1a
Instant Insanity (puzzle)
mathematical recreation 25:11:2a
instant-picture photography, *or* Polaroid photography
major ref: in Photography **25:**792:2b
instant replay (television)
magnetic recording devices **7:**682:2b
television recording technique **15:**245:2a
instant tea
description **11:**596:2b
production methods **14:**880:1a
instantaneous acceleration (phys.)
circular motion 23712:1a
measurement **25:**809:1b
instantaneous velocity (phys.)
major ref: in Analysis in Mathematics **13:**445:2b
circular motion **23:**711:1b
measurement in physical sciences **25:**809:1a
instar (biol.)
life cycle of flies **21:**666:1b, 732:1b, 733:2b
"Instauratio Magna" (work by Bacon)
discussed in biography **1:**777:1a; **14:**565:2a
encyclopaedia **18:**259:1a, 272:2b
instinct, *or* innate behaviour
MICROPAEDIA **6:**332:3b
MACROPAEDIA **14:**757:1b
association with
mimicry **24:**145:2b
motivation **8:**364:3a; **24:**437:1a
basis in reflexes **9:**993:3b
Bergson's research 2:130:2a
effect on feeding behaviour **14:**769:1a
influence on animal behaviour **14:**745:2b *passim to* 755:2b, 826:2b
occurrence in
arachnids 13857:1b
insects **21:**653:1b
significance in avoidance behaviour **14:**779:1b
for lists of related subjects see PROPAEDIA: Sections 341; 431
"Instinct and the Unconscious" (work by Rivers)
discussed in biography **10:**95:2a
"Instinct of Workmanship and the State of the Industrial Arts, The" (work by Veblen)
discussed in biography **12:**287:2a
Institut Botanique de la **Université** de Montreal (bot. inst., Montreal, Que., Can.)
Montreal Botanical Garden **8:**295:3b
Institut Canadien (Can. org.) **6:**333:1a
role of Laurier **7:**194:3b
Institut de Droit International: *see* International Law, Institute of
Institut **Géographique** National, *or* IGN (inst., Fr.) **6:**333:1b
contribution to mapping **23:**477:2b
Institut International de **Bibliographie:** *see* International Federation for Documentation
Institut National (inst., Fr.)
Talleyrand's role **11:**523:1a
Institute for. . . . : *see under* substantive word, *e.g.,* Advanced Study, Institute for
Institute of. . . . : *see under* substantive word, *e.g.,* Artistic Culture, Institute of
Institutes, *or* Institutes of Justinian, *or* Institutiones (Roman law)
Dorotheus' contribution **4:**187:3a
Gaius' influence **5:**78:1a
Roman law **22:**904:2a
Institutes, *or* Institutiones (treatise by Gaius)
discussed in biography **5:**78:1a
"Institutes of the Christian Religion," *or* "Christianae Religionis Institutio," *or* "Institution de la Religion Chrttienne" (work by Calvin) **6:**333:2a
major ref. in Calvin and Calvinism **15:**435:1a
historiography **20:**568:1b
Protestant theology **26:**212:1a, 234:1b
Reformation **9:**995:3b
Reformed church doctrine **26:**244:2b
"Institutes of the Lawes of England" (work by Coke)
influence on common law **22:**916:1a
"Institutio oratoria" (work by Quintilian)
approach to rhetoric **26:**760:1b
definition of wit **23:**153:2b
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place in Latin literature **22:**836:1b
"Institutio principis Christiani" (work by Erasmus): *see* "Education of a Christian Prince"
"Institutio theologica" (work by Proclus): *see* "Elements of Theology"
"Institutio **Theologicae** Elencticae" (work by Turretin)
17th century Calvinism **15:**438:2b
institution (sociol.): *see* social institution
institution, **financial:** *see* financial institution
"Institution de la Religion **Chrétienne"** (work by Calvin): *see* "Institutes of the Christian Religion"
Institution of Civil Engineers (Br. org.): *see* Civil Engineers, Institution of
Institutional Acts (Braz. leg.)
place in modem history **15:**206:2b
institutional celibacy (rel.)
celibacy **3:**12:1b
institutional economics **6:**333:2a
comparison to historical school **27:**345:1b
Institutional Revolutionary Party, *or* National Revolutionary Party, *or* Partido de la Revolución Mexicana, *or* Partido Revolucionario Institucional, *or* Mexican Revolutionary Party, *or* Partido Revolucionario Nacional, *or* Party of the Mexican Revolution, *or* Partido Nacional Revolucionario, *or* PRI, *or* PRM, *or* PRN, *or* PNR, or Priistas (pol. party, Mex.) **6:**333:2b
major ref: in Mexico 2437:1b, 48:1b
contribution of
Calles **2:**748:2a
Cárdenas del Rio **2:**859:2b
institutionalism (sociol.)
Western philosophy of law **25:**723:1b
Institutiones (Roman law): *see* **Institutes**
Institutiones (treatise by Gaius): *see* Institutes
"Institutiones" (work by Cassiodorus): *see* "Introduction to Divine and Human Readings, An"
"Institutiones calculi differentialis" (work by Euler)
discussed in biography **4:**596:1b
"Institutiones calculi integralis" (work by Euler)
discussed in biography 4596:1b
"Institutiones divinarium et saecularium **litterarium"** (work by Cassiodorus): *see* "Introduction to Divine and Human Readings, An"
"Institutiones grammaticae" (work by Priscian)
discussed in biography **9:**709:2b
"Institutiones Rhetoricae" (work by Melanchthon)
history of logic **23:**268:2b
"Institutiones theologicae" (work by Episcopius)
discussed in biography **4:**528:2a
"Institutioni harmoniche" (treatise by Zarlino)
discussed in biography **12:**900:1b
"Institutions liturgiques" (work by Gutranger)
discussed in biography **5:**542:2a
Instituto **Butantã** (inst., São Paulo, Braz.)
snake research **27:**8:1b
Instituto Colombiano de **Reforma Agraria:** *see* Colombian Institute of Agrarian Reform
Instituto Cubano del Arte e Industria **Cinematográfica:** *see* Cuban Institute of Cinematographic Art and Industry
Instituto de Pomento Industrial (indus. org., Colom.): *see* Industrial Development, Institute of
Instituto di Correspondenza Archeologica (inst., Rome, It.)
importance to classical scholarshio **27:**29:2a
Instituto **Internacional** de Genealogla y **Heráldica,** El: *see* International Institute of Genealogy and Heraldry, The
Instituto Nacional Indigenista (Mex. govt.)
effect on Indians **13:**397:2b
instruction: *see* education
"Instruction for Merikare" (anc. Egy. text)
history of Egypt **18:**113:2a
"Instruction of Amenemhet, The," *or* "The Instructions of Amenemhet" (testament of Amenemhet I)
assassination of Amenemhet I **1:**322:3b
reign of Sesostris I **10:**656:3b
"Instruction of Amenemope, The" (work by Amenemope)
biblical wisdom literature **14:**947:2b
discussed in biography **1:**323:2a
"Instruction of Catherine the Great" (Russ. pol. doctrine): *see* "Catherine the Great, Instruction of"
instruction of **Lemuel** (Old Testament)
biblical literature **14:**948:1a
instructional media
major ref: in Teaching **28:**436:2b
"Instructiones" (work by Commodianus)
discussed in biography **3:**491:1b
"Instructions Concerning Erecting of a Library," *or* "Advis pour dresser une bibliothèque" (work by Naudt)
modern library practice **22:**950:1a
"Instructions for Practical Living," *or* "Ch'uan-hsi lu" (work by Wang Yang-ming)
discussed in biography **12:**488:3b
"Instructions for the Government of Armies in the Field," *or* General Orders No. 100 (U.S. govt. document)
law of war **12:**490:2b
treatment of war crimes **12:**491:1b
"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)
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instrument flight rule (aviation)
air-traffic control **28:**875:1a
instrument landing system, *or* ILS (aviation) **6:**333:3b
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navigational use **24:**763:1b
Instrument of Accession to the Indian Union (Kashmir hist.)
counterclaims 21:123:1a
instrumental analysis (chem.)
major ref: in Physical and Chemical Analysis and Measurement **13:**523:2b, 528:1b
instrumental conditioning (psychol.): *see* operant conditioning
instrumental ensemble (mus.): *see* ensemble
instrumental error (statis.)
measurement theory **23:**695:2b
instrumental learning (psychol.): *see* operant conditioning
instrumental music
major refs. in The Art of Music **24:**504:2b; History of Western Music **24:**556:1b *passim to* 560:2a
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chamber music **24:**569:2b
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symphony **24:**578:2a
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Islamic music **22:**38:2a; **22:**66:1b
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instrumental stage (psychol.)
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axiology **1:**746:3a
instrumentalism, *or* experimentalism (philos.) **6:**334:1a
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relationship to Pragmatism **25:**638:2a
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Dewey **4:**52:2a; **25:**757:2a
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see also instrumental music; keyboard instrument; orchestration
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chemical analysis **13:**523:1b, 528:1b
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high pressure apparatus **23:**682:1a
mass spectrometry **13:**548:1b
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see also control system
instrumentation system (tech.): ***see*** instrumentation
Insubres (people) **6:**335:1a
Roman Empire **20:**292:2a
insula (arch.) **6:**335:1a
major ref: in The History of Western Architecture **13:**912:2a
apartment house living **1:**477:2b
for a list of related subjects see PROPAEDIA: Section 626
Insulae Aeoliae (isls., It.): ***see*** Eolie Islands
Insular (lang.)
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Insular Celtic languages
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insular **lobe, *or*** central lobe (anat.)
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Insular script (calligraphy) **6:**335:1b
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Britain **29:**1064:2b, *illus.* 1065
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Latin scripts **9:**79:1a
Script history **20:**610:1b
for a list of related subjects see PROPAEDIA: Section 629
insulator (phys.)
MICROPAEDIA **6:**335:2a
MACROPAEDIA 23630:1b
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building construction **15:**324:2b, 329:2a
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balsa wood **1:**846:1b
diatomaceous earth 470:1a
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avalanche effect **1:**732:3b
dielectric constant **4:**83:3b
dielectric materials **4:**83:3a
electron behavior **18:**168:2b
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photoemission process **9:**402:1a
secondary emission **18:**184:1a
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for a list ofrelated subjects see PROPAEDIA: Section 125
see also dielectric
insulin
MICROPAEDIA **6:**335:2b
MACROPAEDIA **14:**1060:1a
major ref: in Endocrine Systems **18:**312:1b
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islets of Langerhans **7:**144:2b
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pharmaceutical industry **9:**355:3a; **21:**317:2b
recombinant DNA **19:**717:2a
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research on
carbohydrate metabolism **3:**629:2b
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role in
blood sugar regulation **15:**127:1a
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diabetes and homeostasis **4:**60:3a; **17:**348:1a, ***table*** 347; **28:**777:2a
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for lists of related subjects see PROPAEDIA: Sections 122; 321; 421
insulin coma therapy: ***see*** insulin shock therapy
insulin-dependent diabetes mellitus, ***or*** IDDM, ***or*** juvenile-onset diabetes, ***or*** type I diabetes, ***or*** type I diabetes mellitus (med. disorder)
causation, symptoms, and treatment **18:**313:2b; **25:**74:1b
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:**324:1a
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insulin shock therapy, ***or*** insulin coma therapy (psychiatry)
introduction by Sakel **10:**343:3a
method of shock therapy **10:**754:1a
Insull, Samuel (Am. utilities magnate) **6:**335:3a
"Insulted and Injured, The" (novel by Dostoyevsky)
discussed in biography **17:**452:1b
insurable interest
major:ref: in Insurance **21:**752:1b
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American Express services **1:**328:1b
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tort law **28:**745:1b
for a list of related subjects see PROPAEDIA: Section 533
see also actuary; friendly society: Lloyd's of London; risk; risk-sharing; types of insurance by the number insured (group insurance; social insurance); ***and*** by the risk insured against (*e.g.* casualty insurance; fire insurance; health insurance)
insurance cover
insurance **21:**741:2b
Insurgentes, Avenida (ave., Mexico City, Mex.)
layout of Mexico City **8:**82:3a; 24352:1b
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inswinger (cricket)
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"In't wonderjaar" (work by Conscience)
discussed in biography **3:**551:3a
Inta (Russ.)
location ***map*** 26948
intaglio (print.)
MICROPAEDIA **6:**336:2a
MACROPAEDIA **26:**115:1b
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inks **6:**319:1a
photoengraving **9:**403:1a; 26105:1b
Seghers' experiments 26128:1a
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
Egyptian sculpture **27:**55:1a, *illus.*
glassware decoration **17:**201:1a
passim to 211:1b, *illus.* 205
metalwork **17:**146:1a, 157:1a
relief sculpture 9:1016:1a
Roman gem carving **27:**80:2a
use by Tassie **11:**572:3b
intangible property, ***or*** incorporeal property (law)
property law **9:**731:2a; **26:**187:2b
intarsia (inlay work)
use as trompe l'oeil **11:**941:3a
Intarsia glass (glassware)
development by Steuben Glass Company **11:**259:2b
Intef **II, *or*** Wabankh Intef (k. of Egy.) **6:**336:3a
integer (math.)
algebraic properties
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elementary number theory **25:**14:1a
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set theory **23:**553:1a; **23:**589:1a
see also composite number; natural number
integrable function (math.)
integral calculus **13:**449:1b
see also Dirichlet function
integral (differential equations): ***see*** solution
integral (math.) **6:**336:3b
major ref: in Analysis in Mathematics **13:**448:1a
Cauchy's definition **23:**582:2b
forms of differential equation solutions **13:**474:2a
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treatment by Fourier analysis **13:**499:1b, 507:2a
see also integration; ***and*** types of integral (*e.g.* definite integral; elliptic integral; Fourier integral; indefinite integral; Lebesgue integral; multiple integral; Poisson integral; Poisson-Stieltjes integral; Riemann-Stieltjes integral)
integral calculus: ***see*** integration
integral curve (math.)
exterior differential systems **28:**727:1b
integral discriminator (phys.)
counting of pulse amplitudes **13:**588:1b
integral domain, ***or*** domain, ***or*** entire ring (math.)
major ref: in Algebra **13:**276:1a
definition 13246:1b, 286:2a; **19:**913:2a
integral equation (math.) **6:**336:3b
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see also kernel; Wiener-Hopf integral equation
integral function (math.): ***see*** entire function
integral invariant, ***or*** invariant form (math.)
exterior differential systems **28:**727:1b
integral test (math.)
major ref in Analysis in Mathematics **13:**453:2a
integral transform (math.)
MICROPAEDIA **6:**337:1a
MACROPAEDIA **13:**502:1a
solutions of partial differential equations **13:**487:1a
see also Fourier transform; Laplace transform; Mellin transform
"Intégrales" (work by Varese)
counterpoint **24:**532:1a
Integralist (Port. hist.)
contribution to Portuguese literature 25:1066:1b
Integralist, ***or*** Sodalitium Pianum (Roman Cath.)
attack on Modernism **8:**215:3b
integraph (instru.) **6:**337:1a
integrated circuit, ***or*** IC, ***or*** microcircuit (elec.)
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amplifiers **1:**355:1b
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for a list of related subjects see PROPAEDIA: Section 721
see also types (*e.g.* digital circuit; large-scale integration; very large-scale integration); ***and*** parts (*e.g.* substrate)
integrated control (agri.)
use in agriculture **6:**331:2a
integrated magnitude (astron.)
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integrating factor, ***or*** Euler's multiplier (math.)
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integration, ***or*** integral calculus (math.)
MICROPAEDIA **6:**337:2b
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see also integral; instruments for integration (*e.g.* integraph; integrator); types of integration (*e.g.* integration by parts)
integration, constant of (math.): ***see*** constant of integration
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see also General Arrangements to Borrow; Special Drawing Right
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International Museums Office (internat. museum org.)
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see also General Agreement on Tanffs and Trade;

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see also international agreement; international arbitration; international law; international organization; government operations (*e.g.* foreign service; intelligence); theories (*e.g.* influence, sphere of; power, balance of); types of associations (*e.g.* alliance; Commonwealth); *and* various aspects of international relations (*e.g.* arms race; colonialism; war)
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see also comparative advantage; comprador; export; import; trade agreement; individual companies (*e.g.* Ostend Company; Russian-American Company); organizations by name (*e.g.* European Free Trade Association; Hanseatic League); port economic regions (*e.g.* import hinterland); processes by name

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see also decorative arts (*e.g.* Mosul school); architecture (*e.g.* Akbar period architecture; türbe); pottery (*e.g.* Damascus ware; Fustat ware; Nishapur pottery); music (*e.g.* gusheh; nawbah; qawwali); calligraphy (*e.g.* diwani script; Kufic script; maghrebi script); *and* painting (*e.g.* Baghdad school; Esfahan school)
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see also types (*e.g.* cay; coral island; oceanic island); features (*e.g.* archipelagic apron); *and* individual islands by name
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