

# The Oxford English Dictionary

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SECOND EDITION

Volume XVII

Su—Thrivingly

CLARENDON PRESS · OXFORD

# THE OXFORD ENGLISH DICTIONARY

SECOND EDITION

*Prepared by*

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VOLUME XVII

Su–Thrivingly

CLARENDON PRESS · OXFORD

1989

*Oxford University Press, Walton Street, Oxford OX2 6DP*  
*Oxford New York Toronto*  
*Delhi Bombay Calcutta Madras Karachi*  
*Peking Taipei Singapore Hong Kong Tokyo*  
*Nairobi Dar es Salaam Cape Town*  
*Melbourne Auckland*  
*and associated companies in*  
*Berlin Ibadan*

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*British Library Cataloguing in Publication Data*

*Oxford English dictionary. — 2nd ed.*

*1. English language—Dictionaries*

*I. Simpson, J. A. (John Andrew), 1953–*

*II. Weiner, Edmund S. C., 1950–*  
*423*

*ISBN 0-19-861229-X (vol. XVII)*

*ISBN 0-19-861186-2 (set)*

*Library of Congress Cataloging-in-Publication Data*

*The Oxford English dictionary. — 2nd ed.*

*prepared by J. A. Simpson and E. S. C. Weiner*

*Bibliography: p.*

*ISBN 0-19-861229-X (vol. XVII)*

*ISBN 0-19-861186-2 (set)*

*1. English language—Dictionaries. I. Simpson, J. A.*

*II. Weiner, E. S. C. III. Oxford University Press.*

*PE1625.O87 1989*

*423—dc19 88-5330*

*Data capture by ICC, Fort Washington, Pa.*

*Text-processing by Oxford University Press*

*Typesetting by Filmtyp Services Ltd., Scarborough, N. Yorks.*

*Manufactured in the United States of America by*

*Rand McNally & Company, Taunton, Mass.*

# KEY TO THE PRONUNCIATION

THE pronunciations given are those in use in the educated speech of southern England (the so-called 'Received Standard'), and the keywords given are to be understood as pronounced in such speech.

## I. Consonants

b, d, f, k, l, m, n, p, t, v, z have their usual English values

g as in *go* (gəʊ)  
h ... *ho!* (həʊ)  
r ... *run* (rʌn), *terrier* ('teriə(r))  
(r) ... *her* (hɜ:(r))  
s ... *see* (si:), *success* (sək'ses)  
w ... *wear* (weə(r))  
hw ... *when* (hwen)  
j ... *yes* (jes)

θ as in *thin* (θɪn), *bath* (bæθ)  
ð ... *then* (ðen), *bathe* (beɪð)  
ʃ ... *shop* (ʃɒp), *dish* (dɪʃ)  
tʃ ... *chop* (tʃɒp), *ditch* (dɪtʃ)  
ʒ ... *vision* ('vɪʒən), *déjeuner* (deʒəne)  
dʒ ... *judge* (dʒʌdʒ)  
ŋ ... *singing* ('sɪŋɪŋ), *think* (θɪŋk)  
ŋɡ ... *finger* ('fɪŋɡə(r))

(FOREIGN AND NON-SOUTHERN)

ʎ as in It. *serraglio* (ser'raʎo)  
ɲ ... Fr. *cognac* (kɔɲak)  
x ... Ger. *ach* (ax), Sc. *loch* (lɒx), Sp. *frijoles* (fri'xoles)  
ç ... Ger. *ich* (ɪç), Sc. *nicht* (nɪçt)  
ʏ ... North Ger. *sagen* ('za:ʏən)  
c ... Afrikaans *baardmannetjie* ('ba:rtmanəci)  
ɥ ... Fr. *cuisine* (kɥizin)

Symbols in parentheses are used to denote elements that may be omitted either by individual speakers or in particular phonetic contexts: e.g. *bottle* ('bɒt(ə)l), *Mercian* ('mɜ:(t)ʃiən), *suit* (s(j)u:t), *impromptu* (ɪm'prɒm(p)tju:), *father* ('fa:ðə(r)).

## II. Vowels and Diphthongs

### SHORT

ɪ as in *pit* (pɪt), *-ness*, *(-nis)*  
ɛ ... *pet* (pet), Fr. *sept* (sɛt)  
æ ... *pat* (pæt)  
ʌ ... *putt* (pʌt)  
ɒ ... *pot* (pɒt)  
ʊ ... *put* (pʊt)  
ə ... *another* (ə'nʌðə(r))  
(ə) ... *beaten* ('bi:t(ə)n)  
i ... Fr. *si* (si)  
e ... Fr. *bébé* (bebe)  
a ... Fr. *mari* (mari)  
ɑ ... Fr. *bâtiment* (batimɑ̃)  
ɔ ... Fr. *homme* (ɔm)  
o ... Fr. *eau* (o)  
ø ... Fr. *peu* (pø)  
œ ... Fr. *boeuf* (bœf) *coeur* (kœr)  
u ... Fr. *douce* (dus)  
ʏ ... Ger. *Müller* ('mʏlɐr)  
y ... Fr. *du* (dy)

### LONG

i: as in *bean* (bi:n)  
ɑ: ... *barn* (bɑ:n)  
ɔ: ... *born* (bɔ:n)  
u: ... *boon* (bu:n)  
ɜ: ... *burn* (bɜ:n)  
e: ... Ger. *Schnee* (ʃne:)  
ɛ: ... Ger. *Fähre* ('fɛrə)  
a: ... Ger. *Tag* (ta:k)  
o: ... Ger. *Sohn* (zo:n)  
ø: ... Ger. *Goethe* ('gø:te)  
y: ... Ger. *grün* (gry:n)

### NASAL

ɛ̃, œ̃ as in Fr. *fin* (fɛ̃, fœ̃)  
ɑ̃ ... Fr. *franc* (frɑ̃)  
ɔ̃ ... Fr. *bon* (bɔ̃)  
œ̃ ... Fr. *un* (œ̃)

### DIPHTHONGS, etc.

eɪ as in *bay* (beɪ)  
aɪ ... *buy* (baɪ)  
ɔɪ ... *boy* (bɔɪ)  
əʊ ... *no* (nəʊ)  
aʊ ... *now* (naʊ)  
ɪə ... *peer* (pɪə(r))  
eə ... *pair* (peə(r))  
ʊə ... *tour* (tʊə(r))  
ɒə ... *boar* (bɒə(r))  
aɪə as in *fiery* ('fɛəri)  
aʊə ... *sour* (saʊə(r))

The incidence of main stress is shown by a superior stress mark (ˈ) preceding the stressed syllable, and a secondary stress by an inferior stress mark (ˌ), e.g. *pronunciation* (prəˌnʌnsiˈeɪʃ(ə)n).

For further explanation of the transcription used, see *General Explanations*, Volume I.

# LIST OF ABBREVIATIONS, SIGNS, ETC.

Some abbreviations listed here in italics are also in certain cases printed in roman type, and vice versa.

a. (in Etym.) <i>a</i> (as <i>a</i> 1850)	adoption of, adopted from <i>ante</i> , 'before', 'not later than'	<i>Bull.</i>	(in titles) <i>Bulletin</i>	Dict.	Dictionary; <i>spec.</i> , the <i>Oxford English Dictionary</i>
abbrev.	adjective	<i>c</i> (as <i>c</i> 1700)	<i>circa</i> , 'about'	dim.	diminutive
abl.	abbreviation (of)	<i>c.</i> (as 19th c.)	century	<i>Dis.</i>	(in titles) <i>Disease</i>
absol.	ablative	<i>Cal.</i>	(in titles) <i>Calendar</i>	<i>Diss.</i>	(in titles) <i>Dissertation</i>
<i>Abstr.</i>	absolute, -ly	<i>Cambr.</i>	(in titles) <i>Cambridge</i>	D.O.S.T.	<i>Dictionary of the Older</i> <i>Scottish Tongue</i>
acc.	(in titles) <i>Abstract</i> , -s	<i>Canad.</i>	Canadian	Du.	Dutch
<i>Acct.</i>	accusative	<i>Cat.</i>	Catalan	E.	East
A.D.	(in titles) <i>Account</i>	<i>catachr.</i>	catachrestically	<i>Eccl.</i>	(as label) in Ecclesiastical usage;
ad. (in Etym.)	<i>Anno Domini</i>	<i>Catal.</i>	(in titles) <i>Catalogue</i>	<i>Ecol.</i>	(in titles) <i>Ecclesiastical</i>
Add.	adaptation of	<i>Celt.</i>	Celtic	<i>Econ.</i>	in Ecology
adj.	Addenda	<i>Cent.</i>	(in titles) <i>Century</i> , <i>Central</i>	ed.	(as label) in Economics;
<i>Adv.</i>	adjective	<i>Cent. Dict.</i>	<i>Century Dictionary</i>	E.D.D.	(in titles) <i>Economy</i> , -ics
<i>adv.</i>	(in titles) <i>Advance</i> , -d, -s	<i>Cf.</i> , <i>cf.</i>	<i>confer</i> , 'compare'	<i>Edin.</i>	edition
advb.	adverb	<i>Ch.</i>	Church	<i>Educ.</i>	<i>English Dialect Dictionary</i>
Advnt.	adverbial, -ly	<i>Chem.</i>	(as label) in Chemistry;	EE.	(in titles) <i>Edinburgh</i>
<i>Aeronaut.</i>	advertisement	<i>Chr.</i>	(in titles) <i>Chemistry</i> , -ical	e.g.	(as label) in Education;
AF., AFr.	(as label) in Aeronautics;	<i>Chron.</i>	(in titles) <i>Christian</i>	<i>Electr.</i>	(in titles) <i>Education</i> , -al
Afr.	(in titles) <i>Aeronautic</i> , -al, -s	<i>Chronol.</i>	(in titles) <i>Chronicle</i>	<i>Electron.</i>	Early English
<i>Agric.</i>	Anglo-French	<i>Cinemat.</i>	(in titles) <i>Chronology</i> , -ical	<i>Elem.</i>	<i>exempli gratia</i> , 'for example'
Alb.	Africa, -n	<i>Cinematogr.</i>	in Cinematography	<i>ellipt.</i>	(as label) in Electricity;
<i>Amer.</i>	(as label) in Agriculture;	<i>Clin.</i>	(in titles) <i>Clinical</i>	<i>Embryol.</i>	(in titles) <i>Electricity</i> , -ical
Amer. Ind.	(in titles) <i>Agriculture</i> , -al	<i>cl. L.</i>	classical Latin	<i>e.midl.</i>	(in titles) <i>Electronic</i> , -s
<i>Anat.</i>	Albanian	<i>cogn. w.</i>	cognate with	<i>Encycl.</i>	(in titles) <i>Element</i> , -ary
Anc.	American	<i>Col.</i>	(in titles) <i>Colonel</i> , <i>Colony</i>	<i>Eng.</i>	elliptical, -ly
Anglo-Ind.	American Indian	<i>Coll.</i>	(in titles) <i>Collection</i>	<i>Engin.</i>	in Embryology
Anglo-Ir.	(as label) in Anatomy;	<i>collect.</i>	collective, -ly	<i>Ent.</i>	east midland (dialect)
Ann.	(in titles) <i>Anatomy</i> , -ical	<i>colloq.</i>	colloquial, -ly	<i>Entomol.</i>	(in titles) <i>Encyclopædia</i> , -ic
<i>Anthrop.</i>	(in titles) <i>Ancient</i>	<i>comb.</i>	combined, -ing	erron.	England, English
<i>Anthropol.</i>	Anglo-Indian	<i>Comb.</i>	Combinations	<i>esp.</i>	in Engineering
<i>Antiq.</i>	Anglo-Irish	<i>Comm.</i>	in Commercial usage	<i>Ess.</i>	in Entomology
aphet.	Annals	<i>Commun.</i>	in Communications	<i>et al.</i>	(in titles) <i>Entomology</i> , -logical
app.	(as label) in Anthropology;	<i>comp.</i>	compound, composition	<i>Ethnol.</i>	erroneous, -ly
<i>Appl.</i>	(in titles) <i>Anthropology</i> , -ical	<i>Compan.</i>	(in titles) <i>Companion</i>	<i>etym.</i>	especially
<i>Applic.</i>	(as label) in Antiquities;	<i>compar.</i>	comparative	<i>euphem.</i>	(in titles) <i>Essay</i> , -s
appos.	(in titles) <i>Antiquity</i>	<i>compl.</i>	complement	<i>Exam.</i>	<i>et alii</i> , 'and others'
Arab.	aphetic, aphetized	<i>Concl.</i>	(in titles) <i>Complete</i>	<i>exc.</i>	et cetera
Aram.	apparently	<i>Conch.</i>	(in titles) <i>Concise</i>	<i>Exerc.</i>	in Ethnology
<i>Arch.</i>	(in titles) <i>Applied</i>	<i>concr.</i>	in Conchology	<i>Exper.</i>	etymology
<i>arch.</i>	(in titles) <i>Application</i> , -s	<i>Conf.</i>	concrete, -ly	<i>Explor.</i>	euphemistically
<i>Archæol.</i>	appositive, -ly	<i>Congr.</i>	(in titles) <i>Conference</i>	f.	(in titles) <i>Examination</i>
<i>Archit.</i>	Arabic	<i>conj.</i>	(in titles) <i>Congress</i>	f. (in Etym.)	except
Arm.	Aramaic	<i>cons.</i>	conjunction	f. (in subordinate entries)	(in titles) <i>Exercise</i> , -s
assoc.	in Architecture	<i>const.</i>	consonant	<i>fem.</i> (rarely <i>f.</i> )	(in titles) <i>Experiment</i> , -al
<i>Astr.</i>	archaic	<i>contr.</i>	construction, construed with	<i>Finn.</i>	(in titles) <i>Exploration</i> , -s
<i>Astrol.</i>	in Archæology	<i>Contrib.</i>	contrast (with)	<i>fl.</i>	
<i>Astron.</i>	(as label) in Architecture;	<i>Corr.</i>	(in titles) <i>Contribution</i>	<i>Found.</i>	'flourished'
<i>astronaut.</i>	(in titles) <i>Architecture</i> , -al	<i>corresp.</i>	(in titles) <i>Correspondence</i>	<i>Fr.</i>	(in titles) <i>Foundation</i> , -s
attrib.	(in titles) <i>Antiquity</i>	<i>Cotgr.</i>	corresponding (to)	<i>freq.</i>	French
<i>Austral.</i>	(as label) in Anthropology;	cpd.	R. Cotgrave, <i>Dictionnaire</i> <i>of the French and English</i> <i>Tongues</i>	<i>Fris.</i>	frequent, -ly
<i>Autobiogr.</i>	(in titles) <i>Astronomy</i> , -ical	<i>Crit.</i>	compound	<i>Fund.</i>	Frisian
A.V.	(in titles) <i>Astronautic</i> , -s	<i>Cryst.</i>	(in titles) <i>Criticism</i> , <i>Critical</i>	<i>Funk or</i>	(in titles) <i>Fundamental</i> , -s
B.C.	attributive, -ly	<i>Cycl.</i>	(in titles) <i>Cyclopædia</i> , -ic	<i>Funk's Stand.</i>	<i>Funk and Wagnalls</i> <i>Standard Dictionary</i>
B.C.	Australian	<i>Cytol.</i>	(in titles) <i>Cytology</i> , -ical	<i>Dict.</i>	
bef.	(in titles) <i>Autobiography</i> , -ical	Da.	Danish	G.	German
<i>Bibliogr.</i>	Authorized Version	D.A.	<i>Dictionary of Americanisms</i>	<i>Gael.</i>	Gaelic
<i>Biochem.</i>	Before Christ	D.A.E.	<i>Dictionary of American</i> <i>English</i>	<i>Gaz.</i>	(in titles) <i>Gazette</i>
<i>Biol.</i>	(in titles) British Columbia	dat.	dative	<i>gen.</i>	genitive
<i>Bk.</i>	before	<i>Deb.</i>	District of Columbia	<i>gen.</i>	general, -ly
<i>Bot.</i>	(as label) in Bibliography;	<i>def.</i>	(in titles) <i>Debate</i> , -s	<i>Geogr.</i>	(as label) in Geography;
Bp.	(in titles) <i>Bibliography</i> , -ical	<i>derog.</i>	definite, -ition		(in titles) <i>Geography</i> , -ical
<i>Brit.</i>	(in titles) <i>Biochemistry</i> , -ical	<i>Descr.</i>	demonstrative		
Bulg.	(as label) in Biology;	<i>Devel.</i>	derivative, -ation		
	(in titles) <i>Biology</i> , -ical	<i>Diagn.</i>	derogatory		
	<i>Book</i>	dial.	(in titles) <i>Description</i> , -tive		
	(as label) in Botany;		(in titles) <i>Development</i> , -al		
	(in titles) <i>Botany</i> , -ical		(in titles) <i>Diagnosis</i> , <i>Diagnostic</i>		
	Bishop		dialect, -al		
	(in titles) <i>Britain</i> , <i>British</i>				
	Bulgarian				

<i>Geol.</i>	(as label) in Geology; (in titles) <i>Geology</i> , -ical	<i>masc. (rarely m.)</i>	masculine	<i>Palaeont.</i>	(as label) in Palaeontology; (in titles) <i>Palaeontology</i> , -ical
<i>Geom.</i>	in Geometry	<i>Math.</i>	(as label) in Mathematics; (in titles) <i>Mathematics</i> , -al	<i>pa. pple.</i>	passive participle, past
<i>Geomorphol.</i>	in Geomorphology	<i>MDu.</i>	Middle Dutch		participle
<i>Ger.</i>	German	<i>ME.</i>	Middle English	<i>(Partridge),</i>	(quoted from) E. Partridge's <i>Dictionary of Slang and Unconventional English</i>
<i>Gloss.</i>	Glossary	<i>Mech.</i>	(as label) in Mechanics; (in titles) <i>Mechanics</i> , -al		
<i>Gmc.</i>	Germanic	<i>Med.</i>	(as label) in Medicine; (in titles) <i>Medicine</i> , -ical	<i>pass.</i>	passive, -ly
<i>Godef.</i>	F. Godefroy, <i>Dictionnaire de l'ancienne langue française</i>	<i>med. L.</i>	medieval Latin	<i>pa. t.</i>	past tense
<i>Goth.</i>	Gothic	<i>Mem.</i>	(in titles) <i>Memoir</i> , -s	<i>Path.</i>	(as label) in Pathology; (in titles) <i>Pathology</i> , -ical
<i>Govt.</i>	(in titles) <i>Government</i>	<i>Metaph.</i>	in Metaphysics		perhaps
<i>Gr.</i>	Greek	<i>Meteorol.</i>	(as label) in Meteorology; (in titles) <i>Meteorology</i> , -ical	<i>perh.</i>	Persian
<i>Gram.</i>	(as label) in Grammar; (in titles) <i>Grammar</i> , -tical	<i>MHG.</i>	Middle High German	<i>Pers.</i>	person, -al
<i>Gt.</i>	Great	<i>midl.</i>	midland (dialect)	<i>Petrogr.</i>	in Petrography
<i>Heb.</i>	Hebrew	<i>Mil.</i>	in military usage	<i>Petrol.</i>	(as label) in Petrology; (in titles) <i>Petrology</i> , -ical
<i>Her.</i>	in Heraldry	<i>Min.</i>	(as label) in Mineralogy; (in titles) <i>Ministry</i>	<i>(Pettman),</i>	(quoted from) C. Pettman's <i>Africanderisms</i>
<i>Herb.</i>	among herbalists	<i>Mineral.</i>	(in titles) <i>Mineralogy</i> , -ical	<i>pf.</i>	perfect
<i>Hind.</i>	Hindustani	<i>MLG.</i>	Middle Low German	<i>Pg.</i>	Portuguese
<i>Hist.</i>	(as label) in History; (in titles) <i>History</i> , -ical	<i>Misc.</i>	(in titles) <i>Miscellany</i> , -eous	<i>Pharm.</i>	in Pharmacology
<i>hist.</i>	historical	<i>mod.</i>	modern	<i>Philol.</i>	(as label) in Philology; (in titles) <i>Philology</i> , -ical
<i>Histol.</i>	(in titles) <i>Histology</i> , -ical	<i>mod. L.</i>	modern Latin		(as label) in Philosophy; (in titles) <i>Philosophy</i> , -ic
<i>Hort.</i>	in Horticulture	<i>(Morris),</i>	(quoted from) E. E. Morris's <i>Austral English</i>	<i>Philos.</i>	phonetic, -ally
<i>Househ.</i>	(in titles) <i>Household</i>	<i>Mus.</i>	(as label) in Music; (in titles) <i>Music</i> , -al;	<i>phonet.</i>	(as label) in Photography; (in titles) <i>Photography</i> , -ical
<i>Housek.</i>	(in titles) <i>Housekeeping</i>		<i>Museum</i> (in titles) <i>Mystery</i>	<i>Photogr.</i>	phrase
<i>Ibid.</i>	<i>Ibidem</i> , 'in the same book or passage'	<i>Myst.</i>	in Mythology	<i>phr.</i>	physical; (rarely) in
<i>Icel.</i>	Icelandic	<i>Mythol.</i>		<i>Phys.</i>	Physiology
<i>Ichthyol.</i>	in Ichthyology	<i>N.</i>	North	<i>Physiol.</i>	(as label) in Physiology; (in titles) <i>Physiology</i> , -ical
<i>id.</i>	<i>idem</i> , 'the same'	<i>n.</i>	neuter		(in titles) <i>Picture</i> , <i>Pictorial</i>
<i>i.e.</i>	<i>id est</i> , 'that is'	<i>N. Amer.</i>	North America, -n	<i>Pict.</i>	plural
<i>IE.</i>	Indo-European	<i>N. &amp; Q.</i>	<i>Notes and Queries</i>	<i>pl., plur.</i>	poetic, -al
<i>Illustr.</i>	(in titles) <i>Illustration</i> , -ted	<i>Narr.</i>	(in titles) <i>Narrative</i>	<i>poet.</i>	Polish
<i>imit.</i>	imitative	<i>Nat.</i>	(in titles) <i>Natural</i>	<i>Pol.</i>	(as label) in Politics; (in titles) <i>Politics</i> , -al
<i>Immunol.</i>	in Immunology	<i>Nat. Hist.</i>	in Natural History	<i>Pol. Econ.</i>	in Political Economy
<i>imp.</i>	imperative	<i>Naut.</i>	in nautical language	<i>Polit.</i>	(in titles) <i>Politics</i> , -al
<i>impers.</i>	impersonal	<i>N.E.</i>	North East	<i>pop.</i>	popular, -ly
<i>impf.</i>	imperfect	<i>N.E.D.</i>	<i>New English Dictionary</i> , original title of the <i>Oxford English Dictionary</i> (first edition)	<i>porc.</i>	(in titles) <i>Porcelain</i>
<i>ind.</i>	indicative			<i>poss.</i>	possessive
<i>indef.</i>	indefinite	<i>Neurol.</i>	in Neurology	<i>Pott.</i>	(in titles) <i>Pottery</i>
<i>Industr.</i>	(in titles) <i>Industry</i> , -ial	<i>neut. (rarely n.)</i>	neuter	<i>ppl. a., pple. adj.</i>	participial adjective
<i>inf.</i>	infinitive	<i>NF., NFr.</i>	Northern French	<i>pple.</i>	participle
<i>infl.</i>	influenced	<i>No.</i>	Number	<i>Pr.</i>	Provençal
<i>Inorg.</i>	(in titles) <i>Inorganic</i>	<i>nom.</i>	nominative	<i>pr.</i>	present
<i>Ins.</i>	(in titles) <i>Insurance</i>	<i>north.</i>	northern (dialect)	<i>Pract.</i>	(in titles) <i>Practice</i> , -al
<i>Inst.</i>	(in titles) <i>Institute</i> , -tion	<i>Norw.</i>	Norwegian	<i>prec.</i>	preceding (word or article)
<i>int.</i>	interjection	<i>n.q.</i>	no quotations	<i>pred.</i>	predicative
<i>intr.</i>	intransitive	<i>N.T.</i>	New Testament	<i>pref.</i>	prefix
<i>Introd.</i>	(in titles) <i>Introduction</i>	<i>Nucl.</i>	Nuclear	<i>pref., Pref.</i>	preface
<i>Ir.</i>	Irish	<i>Numism.</i>	in Numismatics	<i>prep.</i>	preposition
<i>irreg.</i>	irregular, -ly	<i>N.W.</i>	North West	<i>pres.</i>	present
<i>It.</i>	Italian	<i>N.Z.</i>	New Zealand	<i>Princ.</i>	(in titles) <i>Principle</i> , -s
<i>J., (J.)</i>	(quoted from) Johnson's <i>Dictionary</i>	<i>obj.</i>	object	<i>priv.</i>	privative
<i>(Jam.)</i>	Jamieson, <i>Scottish Dict.</i>	<i>obl.</i>	oblique	<i>prob.</i>	probably
<i>Jap.</i>	Japanese	<i>Obs., obs.</i>	obsolete	<i>Probl.</i>	(in titles) <i>Problem</i>
<i>joc.</i>	jocular, -ly	<i>Obstetr.</i>	(in titles) <i>Obstetrics</i>	<i>Proc.</i>	(in titles) <i>Proceedings</i>
<i>Jrnl.</i>	(in titles) <i>Journal</i>	<i>occas.</i>	occasionally	<i>pron.</i>	pronoun
<i>Jun.</i>	(in titles) <i>Junior</i>	<i>OE.</i>	Old English (= Anglo-Saxon)	<i>pronunc.</i>	pronunciation
<i>Knowl.</i>	(in titles) <i>Knowledge</i>			<i>prop.</i>	properly
<i>l.</i>	line	<i>OF., OFr.</i>	Old French	<i>Pros.</i>	in Prosody
<i>L.</i>	Latin	<i>OFris.</i>	Old Frisian	<i>Prov.</i>	Provençal
<i>lang.</i>	language	<i>OHG.</i>	Old High German	<i>pr. pple.</i>	present participle
<i>Lect.</i>	(in titles) <i>Lecture</i> , -s	<i>OIr.</i>	Old Irish	<i>Psych.</i>	in Psychology
<i>Less.</i>	(in titles) <i>Lesson</i> , -s	<i>ON.</i>	Old Norse	<i>Psychol.</i>	(as label) in Psychology; (in titles) <i>Psychology</i> , -ical
<i>Let., Lett.</i>	letter, letters	<i>ONF.</i>	Old Northern French		
<i>LG.</i>	Low German	<i>Ophthalm.</i>	in Ophthalmology	<i>Publ.</i>	(in titles) <i>Publications</i>
<i>lit.</i>	literal, -ly	<i>opp.</i>	opposed (to), the opposite (of)		
<i>Lit.</i>	Literary	<i>Opt.</i>	in Optics	<i>Q.</i>	(in titles) <i>Quarterly</i>
<i>Lith.</i>	Lithuanian	<i>Org.</i>	(in titles) <i>Organic</i>	<i>quot(s).</i>	quotation(s)
<i>LXX</i>	Septuagint	<i>orig.</i>	origin, -al, -ally	<i>q.v.</i>	<i>quod vide</i> , 'which see'
		<i>Ornith.</i>	(as label) in Ornithology; (in titles) <i>Ornithology</i> , -ical		
<i>m.</i>	masculine			<i>R.</i>	(in titles) <i>Royal</i>
<i>Mag.</i>	(in titles) <i>Magazine</i>	<i>OS.</i>	Old Saxon	<i>Radiol.</i>	in Radiology
<i>Magn.</i>	(in titles) <i>Magnetic</i> , -ism	<i>OSl.</i>	Old (Church) Slavonic	<i>R.C.Ch.</i>	Roman Catholic Church
<i>Mal.</i>	Malay, Malayan	<i>O.T.</i>	Old Testament	<i>Rec.</i>	(in titles) <i>Record</i>
<i>Man.</i>	(in titles) <i>Manual</i>	<i>Outl.</i>	(in titles) <i>Outline</i>	<i>redupl.</i>	reduplicating
<i>Managem.</i>	(in titles) <i>Management</i>	<i>Oxf.</i>	(in titles) <i>Oxford</i>	<i>Ref.</i>	(in titles) <i>Reference</i>
<i>Manch.</i>	(in titles) <i>Manchester</i>			<i>refash.</i>	refashioned, -ing
<i>Manuf.</i>	in Manufacture, -ing	<i>p.</i>	page	<i>refl.</i>	reflexive
<i>Mar.</i>	(in titles) <i>Marine</i>	<i>Palaeogr.</i>	in Palaeography	<i>Reg.</i>	(in titles) <i>Register</i>

reg.	regular	str.	strong	Trop.	(in titles) <i>Tropical</i>
rel.	related to	Struct.	(in titles) <i>Structure</i> , -al	Turk.	Turkish
Reminisc.	(in titles) <i>Reminiscence</i> , -s	Stud.	(in titles) <i>Studies</i>	Typogr., Typogr.	in Typography
Rep.	(in titles) <i>Report</i> , -s	subj.	subject	ult.	ultimately
repr.	representative, representing	subord. cl.	subordinate clause	Univ.	(in titles) <i>University</i>
Res.	(in titles) <i>Research</i>	subseq.	subsequent, -ly	unkn.	unknown
Rev.	(in titles) <i>Review</i>	subst.	substantively	U.S.	United States
rev.	revised	suff.	suffix	U.S.S.R.	Union of Soviet Socialist Republics
Rhet.	in Rhetoric	superl.	superlative	usu.	usually
Rom.	Roman, -ce, -ic	Suppl.	Supplement	v., vb.	verb
Rum.	Rumanian	Surg.	(as label) in Surgery; (in titles) <i>Surgery, Surgical</i>	var(r)., vars.	variant(s) of
Russ.	Russian	s.v.	<i>sub voce</i> , 'under the word'	vbl. sb.	verbal substantive
S.	South	Sw.	Swedish	Vertebr.	(in titles) <i>Vertebrate</i> , -s
S.Afr.	South Africa, -n	s.w.	south-western (dialect)	Vet.	(as label) in Veterinary Science;
sb.	substantive	Syd. Soc. Lex.	Sydenham Society, <i>Lexicon of Medicine &amp; Allied Sciences</i>	Vet. Sci.	(in titles) <i>Veterinary</i>
sc.	<i>scilicet</i> , 'understand' or 'supply'	syll.	syllable	viz.	in Veterinary Science
Sc., Scot.	Scottish	Syr.	Syrian	Voy.	<i>videlicet</i> , 'namely'
Scand.	(in titles) <i>Scandinavia</i> , -n	Syst.	(in titles) <i>System</i> , -atic	v.str.	(in titles) <i>Voyage</i> , -s
Sch.	(in titles) <i>School</i>	Taxon.	(in titles) <i>Taxonomy</i> , -ical	vulg.	strong verb
Sc. Nat. Dict.	Scottish National Dictionary	techn.	technical, -ly	v.w.	vulgar
Scotl.	(in titles) <i>Scotland</i>	Technol.	(in titles) <i>Technology</i> , -ical	W.	Welsh; West
Sel.	(in titles) <i>Selection</i> , -s	Telegr.	in Telegraphy	wd.	word
Ser.	Series	Teleph.	in Telephony	Webster	<i>Webster's (New International) Dictionary</i>
sing.	singular	(Th.),	(quoted from) Thornton's <i>American Glossary</i>	Westm.	(in titles) <i>Westminster</i>
Sk.	Sanskrit	Theatr.	in the Theatre, theatrical	WGmc.	West Germanic
Slav.	Slavonic	Theol.	(as label) in Theology;	Wks.	(in titles) <i>Works</i>
S.N.D.	Scottish National Dictionary	Theoret.	(in titles) <i>Theology</i> , -ical	w.midl.	west midland (dialect)
Soc.	(in titles) <i>Society</i>	Tokh.	(in titles) <i>Theoretical</i>	WS.	West Saxon
Sociol.	(as label) in Sociology;	Trans.	Tokharian	(Y.),	(quoted from) Yule &
Sp.	Spanish	tr., transl.	translated, translation	Yrs.	Burnell's <i>Hobson-Jobson</i>
Sp.	(in titles) <i>Speech</i> , -es	Trans.	(in titles) <i>Transactions</i>	Zoogeogr.	(in titles) <i>Years</i>
sp.	spelling	trans.	transitive	Zool.	in Zoogeography
spec.	specifically	transf.	transferred sense		(as label) in Zoology;
Spec.	(in titles) <i>Specimen</i>	Trav.	(in titles) <i>Travel(s)</i>		(in titles) <i>Zoology</i> , -ical
St.	Saint	Treas.	(in titles) <i>Treasure</i>		
Stand.	(in titles) <i>Standard</i>	Treat.	(in titles) <i>Treatise</i>		
Stanf.	(quoted from) <i>Stanford Dictionary of Anglicised Words &amp; Phrases</i>	Treatm.	(in titles) <i>Treatment</i>		
		Trig.	in Trigonometry		

## Signs and Other Conventions

## Before a word or sense

- † = obsolete  
 || = not naturalized, alien  
 ¶ = catachrestic and erroneous uses

## In the listing of Forms

- 1 = before 1100  
 2 = 12th c. (1100 to 1200)  
 3 = 13th c. (1200 to 1300), etc.  
 5-7 = 15th to 17th century  
 20 = 20th century

## In the etymologies

- \* indicates a word or form not actually found,  
 but of which the existence is inferred  
 :- = normal development of

The printing of a word in SMALL CAPITALS indicates that further information will be found under the word so referred to.

... indicates an omitted part of a quotation.

- (in a quotation) indicates a hyphen doubtfully present in the original; (in other text) indicates a hyphen inserted only for the sake of a line-break.

## PROPRIETARY NAMES

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su, dial. f. SHE; obs. f. SUE.

sua, obs. f. so *adv.* and *conj.*

**suabe** ('swɑ:bə, swɛb). *Mus.* [It., ad. G. *Schwabe* SWABIAN.] *suabe flute*: an organ flute-stop.

1855 E. J. HOPKINS *Organ* 119 *Suabe-flute*, a tenor c Manual Stop of 4 feet, formed of wood pipes, with inverted mouths. It's tone is liquid and clear, and not so loud as the Wald-flute. 1907 *Musical Times* 1 Aug. 514/2 Swell Organ. Voix célestes. Suabe flute 4 ft. 1954 *Grove's Dict. Mus.* (ed. 5) VI. 358/2 *Suabe flute*; a 4-ft open flute stop of medium scale, said to have been invented by William Hill. The tone is a soft variety of that of the Clarabella.

**Suabian**: see SWABIAN.

**suability** (sju:'əbɪlɪti). *U.S.* [f. next: see -ITY.] Liability to be sued.

1798 in *Dallas Amer. Law* II. 470 Suability and suable are words not in common use, but they concisely and correctly convey the idea annexed to them. 1833 in Calhoun *Wks.* (1874) II. 302 The Senator cited the suability of the states as an evidence of their want of sovereignty.

**suable** (sju:'əb(ə)l), *a.* Now chiefly *U.S.* Also *sueable*. [f. SUE v. + -ABLE.] Capable of being sued, liable to be sued; legally subject to civil process.

1623 SWINBURNE *Treat. Spousals* (1686) 120 The Parties contracting Spousals or Matrimony, under any such Conditions, are neither bound, nor suable, until the Condition be extant. 1693 *Mod. Rep.* XII. Case 93. 45 He cannot plead in bar ne *unques executor*, because he allows him-self to be suable. 1810 J. MARSHALL *Const. Opin.* (1839) 137 A state which violated its own contract was suable in the courts of the United States. 1823 *Examiner* 78/2 If not a *femme sole*, she was not suable at law. 1875 *POSTE Gaius* II. 5282 A trustee is only suable for the simple amount of the subject of trust. 1903 *Times* 7 Jan. 6/2 Is a trade union to be regarded as a corporation suable at law?

*b.* Capable of being sued for.  
1726 AYLIFFE *Parergon* 343 Legacies out of Lands are properly suable in Chancery.

†**Suada**. *Obs.* [L. *Suāda*, fem. of *suādus* persuasive, f. root *swād-* (see SUAVE). Cf. G. *suada*, *suade* (colloq.) gift of the gab.] The Roman goddess of persuasion; hence = persuasiveness, persuasive eloquence.

1592 HARVEY *Pearl Lett. Wks.* (Grosart) I. 242 How faine would I see, *Suadas* honey-bee in you rehed'd. 1593 — *Pierre's Suppl.* Ibid. II. 276 Euen the flied *Suadas* of Isocrates, wanted the voyce of a Siren, or the sound of an Echo. 1621 S. WARD *Happiness of Practice* 18 Irrisable is the *Suada* of a good life, above a faire profession.

**suade** (swɛd), *v.* Now rare or dial. Also 6 *swad(e, 9 swade)*. [Partly ad. L. *suādere*, f. root *swād-* (see SUAVE); partly by aphæresis from *PERSUADE*. Cf. obs. F. *suader*.] = *PERSUADE* in various senses. Hence †*suading ppl. a.* (in *ill-suading*).

1531 CRANMER in *Strype Mem.* App. i. (1694) 3 He swadeth that with such goodly eloquence... that he were lyke to persuade many. 1548 BODRUGAN *Epit.* 248 There be diuerse whiche... swade the vnion of Scotlande vnto youre highnes. 1550 HOOPER *Serm. Jonas* iv. 69b, These comfortable promises, which the deuil auenthure to swad vs vnto. 1557 GRIMALDE in *Tottel's Misc.* (Arb.) 101 Flee then wylawding pleasures baits vntrewe. 1559 *Mor-Martin* A 3 Thilke way & trood whilke thou dost swade, is steepe & also tickle. 1889 N. W. Linc. *Gloss.*, 'Suade, 1891 *Proving of Gennad* 121 So he... Agreed to work for her who suaded him.

†**Suadible**, *a.* *Obs.* rare-1. [ad. late L. *suādibilis*, f. *suādere*: see prec. and -IBLE.] That may be easily persuaded; = *SUASIBLE*.

1382 WYCLIF *James* iii. 17 Wisdom that is fro about first... it is chaast, aftirward pesible, mylde, suadible.

|| **Suada** (sju:'ɪdɔ). [mod. L. (Forskål 1775).] A plant of the genus *Suada* (N.O. *Chenopodiaceae*), which comprises herbaceous or shrubby plants growing on the sea-shore or in saline districts.

1901 *Spectator* 26 Oct. 607/2 The three sea lavenders and *suada*, which grows into bushes near Blakeney.

**suagat**, north. form of SO-GATE.

**suage**, obs. form of SEWAGE; variant of SWAGE.

**suaf**, obs. Sc. form of SUAVE *a.*

**Suakin** ('swɑ:kɪn). Also *Suakim*. The name of a port on the Red Sea used as the distinctive epithet of a variety of gum arabic exported thence.

1874 FLÜCKIGER & HANBURY *Pharmacogr.* 210 Suakin Gum, Talca or Talha Gum... is remarkable for its brittleness. 1886 *Buck's Handbk. Med. Sci.* III. 409.

|| **swan-pan** (swən pæn). Also *souan*, *shwan*, *swam*, *swan*. [Chinese, lit. reckoning board.] The Chinese abacus.

1736 tr. *Du Halde's Hist. China* III. 70 In casting up Accounts they [sc. the Chinese] make use of an Instrument called *Souan pan*. 1748 *Gentl. Mag.* July 205/2, I desire to give the public a *Swan Pan* that in my opinion is much preferable to that of the Chinese. 1833 *Penny Cycl.* I. 71/1 This instrument, called in Chinese *Shwanpan*. 1836 J. F. DAVIS *Chinese* II. xviii. 296 A little apparatus called a *Suān-pān*, or 'calculating disk'. 1875 *Encycl. Brit.* II. 526/1 The *swan-pan*, still in constant use among the Chinese. 1917 S.

COULING *Encycl. Sinica* 1/1 *Suan p'an*, reckoning plate, the counting-board used by the Chinese. 1946 G. STIMPSON *Bk. about Thousand Things* 207 Virtually all calculations were performed on the abacus, an apparatus resembling the Chinese *suan pan* or the bead-and-frame affairs now used in kindergarten work. 1973 T. R. TREGEAR *Chinese* vi. 128 A further six hours a week is devoted to arithmetic, when calculating with the abacus or *suan p'an* is learnt.

**suant**, sb. ? *Obs.* Also 7, 9 *sewant*. [? Var. of SEWIN<sup>1</sup>.] App. a name for certain flat fish; see QUOTS.

1609 DENNIS *Secrets of Angling* II. xxviii. (1613) C7b. To take the Sewant, yea, the Flounder sweet. *Ibid.* xlii. D2 The Suant swift, that is not set by least. 1615 MARKHAM *Pleas. Princ.* vi. (1635) 32 The Flounder, and Sewant are greedy biters, yet very crafty. 1847 HALLIWELL *Dict. Sewant*, the plaice. *Northumb.*

**suant** ('sju:ənt), *a.* Now dial. Forms: 5 *suante*, *suant*, 6-9 *sewant*, 8 *suant*, 9 *seunt*, 8- *suant*. [a. AF. *sua(u)nt*, OF. *suant*, *suant*, pr. ppl. of *suire* (mod. F. *suivre*) to follow:—L. \**sequere* for *sequi*.]

†1. Following, ensuing. *Obs.* (Cf. *SUING*.)

1422 YONGE tr. *Secr. Secr.* xxviii. 195 Now will I return to that place... in this sam maner suante.

†2. ? Agreeing, suitable. *Obs.*

1418-20 J. PAGE *Siege of Rouen in Hist. Coll. Cit. Lond.* (Camden) 34 Kyngys, herrowdys, and pursefauntys, In cotys of armys suantys [v.rr. amy'untis, arrysuntis].

3. Working or proceeding regularly, evenly, smoothly, or easily; even, smooth, regular. Also *adub.* = *SUANTLY*.

For other dial. meanings ('placid, equable', 'pleasing, agreeable', 'demure, grave') see *Eng. Dial. Dict.*

1547 etc. (implied in *SUANTLY*). 1608 R. CAREW in *Lett. Lit. Men* (Camden) 100 By observing our witte and sewant [printed servant] manner of deducing [words from Latin and French]. 1623 LITTLE *Huab.* (1757) 149 The middle-ripe barley... ripened altogether, and looked white and very suant [marg. kindly, flourishing]. 1787 GROSE *Prov. Gloss.*, *Zuant*, regularly sowed. The wheat must be sown *zuant*. 1796 W. H. MARSHALL *Rur. Econ. W. Eng.* I. 330 *Souant*: fair, even, regular (a hackneyed word). 1854 N. & Q. Ser. I. X. 420 A fisherman's line is said to run through his hand suant [printed suant] when he feels no inequality or roughness, but it is equally soft and flexible throughout. 1854 THORAU *Walden* (1908) 28 Yet the Middlesex Cattle Show goes off here with éclat annually, as if all the joints of the agricultural machine were suant. 1899 BARING-GOULD *Bk. West II.* xvi. 252 Peter and his wife did not get on very 'suant' together.

'**suantly**, *adv.* Now dial. [f. prec. + -LY<sup>2</sup>.] Regularly, evenly, uniformly, smoothly.

The form *sewantly* of quot. 1592-3 was entered in Kersey's ed. of Phillips *World of Words* (1706) as *sewantly* with def. 'well, honestly'. Some mod. dict. have copied this and have further invented a form *sewant* adj.

1547 RECORDE *Judic. Uryne* 18b, Not suantly and uniformly joynted together. 1592-3 Act 35 Eliz. c. 10 §1 That ech sort of the saide Kernes or Dozens shalbe sewantly woven throughout. 1865 LEWINGS *Obs. Dial. W. Eng.* 73 *Suantly*, evenly, smoothly, plainly.

**suarrow**, variant of SAOUARI.

**suasible** ('swɛisɪb(ə)l), *a.* rare. [ad. L. \**suasibilis*, f. *suās-*, ppl. stem of *suādere* to SUADE: see -IBLE; cf. It. *suasibile*.] Capable of being persuaded; that is easily persuaded. (Cf. *SUADIBLE*.)

1582 N.T. (Rhem.) James iii. 17 Peaceable, modest, suisable [TINDALE easy to be entreated; *Wycl. 1st vers.* suadible, and *vers.* able to be counseilled]. 1665 BLOUNT *Glossogr.* 1832 *Fraser's Mag.* VI. 487 The want of mental strength rendering them so peculiarly suasible, that they possess no powers of resistance. 1851 J. TAYLOR *Wesley* 113 Throughout the Inspired Writings, men are dealt with by their Maker, [as] suasible, accountable, and free.

**suasion** ('swɛɪʒən). Also 4 *suasioun*, 5 -yon, 6-7 *swasion*. [ad. L. *suāsio*, -ōnem, n. of action f. *suādere* to SUADE. Cf. obs. F. *suasion* (14th c.).]

1. The act or fact of exhorting or urging; persuasion.

c 1374 CHAUCER *Boeth.* II. pr. i. (1668) 30 Com nowe furpe perfore be suasioun of swetnesse Rethoryen. 1432-50 tr. *Higden* (Rolls) VII. 93 Seynte Elphegus was made bischop of Wynchestre, thro the suasion off blissede Andrew, apperyng to seynthe Dunstan. 1528 MORE *Dyaloge* I. Wks. 157/1 They had ones at the subtilt suasion of the deuill, broken the thirde comandement. 1641 PRYNE *Antipathie* 9 O perfidious, ungratefull counsell and swasion of this relate. 1660 SOUTH *Serm.* (1727) IV. 34 It cannot be subdued by meer Suasion. 1720 WATTS in *Reliq. Juu.* (1789) 169 To address the ear With conquering suasion, or reprooff severe. 1844 KINGLAKE *Eothen* xxviii, Men governed by reasons and suasion of speech. 1867 SMILES *Huguenots Eng.* v. (1880) 74 Conformity by force, if not by suasion.

*b.* *moral suasion*: persuasion exerted or acting through and upon the moral nature or sense.

1642 D. ROGERS *Naaman* 13 A cause of morall aswation to apprehend the truth. 1700 C. NESSE *Antid.* Armin. (1827) 112 Moral suasion will neuer prove effectual to open the heart of man. 1861 *Sat. Rev.* 14 Dec. 596 [They] might... have found fitting occupation for their powers of moral suasion in the endeavour to avert a struggle far more ferocious. 1885 DILKE in *Leeds Merc.* 15 Dec. 5/3 Who thought that moral suasion needed to be aided by legislation.

*c.* *transf.*

1846 MASSON *Ess. Biog. & Crit.* 430 The occult suasion of the rhyme. 1861 CLOUGH *Mari Magno* 383 The sinking stars their suasions urge for sleep. 1875 GLADSTONE *Glean.*

VI. ii. 109 Introducing the Roman or Papal religion... under... the silent but steady suasion of its ceremonial.

2. An instance of this.

c 1407 LYDG. *Reion & Sens.* 1994 With many mighty Argument, Tattayne to ther entencion. By many strong suasion. c 1450 CAPGRAVE *Life St. Gilbert* 95 Ne pretyng of pe iuges, ne fayre suasions of opir. c 1555 HARPSFIELD *Divorce Hen. VIII* (Camden) 91 It is untrue that the state of the said 18 chapter standeth wholly upon debortations but rather upon suasions and exhortations. 1642 D. ROGERS *Naaman* 149 Away with thy morality and morall swasions, bring them to the Spirit of Christ. 1663 HEATH *Flagellum* 7 Growing insolent and uncorrectible from those results and swasions within him. 1865 CARLYLE *Pred. Gt. XIX.* v. (1872) V. 500 Suasions from Montalembert.

**suasive** ('swɛisɪv), *a.* and *sb.* Also 7 *swasive*. [ad. L. \**suāsiuus*, f. *suās-*: see *SUASIBLE*; cf. obs. F. *suasif*, It., Sp. *suasivo*.]

*A. adj.* Having or exercising the power of persuading or urging; consisting in or tending to suasion; occas. const. of, exhorting or urging to.

1601 WEEVER *Mirr. Mart.* A 3b, Deliuor but in swasive eloquence Both of my life and death the vertie. 1660 WATERHOUSE *Arm. & Arm.* 28 The puissant people of Rome, whose practice may be thought most swasive with this... military Age. 1662 SOUTH *Serm.* (1697) I. 62 Tho its command over them was but swasive, and political, yet it had the force of coaction. 1790 COWPER *Odys.* x. 206 And in wing'd accents swasive thus began. 1871 EARLE *Philol. Engl. Tongue* 313 The genial and swasive satire of the *Biglow Papers*. 1888 T. E. HOLLAND in *Macm. Mag.* Sept. 359/1 These presents bore Latin inscriptions, swasive of eating and drinking. 1897 TROTTER *John Nicholson* 18 Thanks to the swasive influence of British gold.

*B. sb.* A swasive speech, motive, or influence. 1670 *Phil. Trans.* V. 1092, I shall not doubt but this Consideration will have the force of a great swasive. 1855 H. ROGERS *Ess.* (1874) II. vii. 335 By proper opportunity, by flattering swasives. 1877 Smith & Wace's *Dict. Chr. Biog.* I. 476/2 Bribes, and tempting offers... were the swasives employed to induce the Armenians to renounce their faith.

*b. pl.* Used to render the title *Suasoriae* of one of the works of Seneca the rhetorician.

1856 MERIVALE *Rom. Emp.* xlii. IV. 565 [Seneca] divides into the two classes of *Suasives* and *Controversies* the subjects of their scholastic exercises.

'**suasively**, *adv.* [f. prec. + -LY<sup>2</sup>.] In a swasive manner; so as to persuade.

1837 CARLYLE *Fr. Rev.* I. III. ii, Let a true tale, of his Majesty's... wretched pecuniary impossibilities, be suasily told them. 1871 HARDY *Desper. Remedies* xi, 'You must remember', she added, more suasily, 'that Miss Graye has a perfect right to do what she likes.'

So 'suasiveness.

1727 BAILEY vol. II. 1835 *Homilet. Rev.* June 481 The leading examples of the early style [of preaching]... characterized by much unction and suasiveness.

†**suasorian**, *a.* *Obs.* rare-1. [f. L. *suāsōri-us* (see next) + -AN.] = *SUASORY* *a.*

1646 J. TEMPLE *Irish Reb. Pref.* 7 The true Suasorian causes (if I may so term them) which enuoc'd the Irish to lay the plot.

**suasory** ('swɛisɔri), *a.* and *sb.* Now rare. Also 7 *swas-*. [ad. L. *suāsōri-us*, f. *suās-*, ppl. stem: see *SUASIBLE* and -ORY. Cf. obs. F. *suasoire*.]

*A. adj.* Tending to persuade; persuasive.

1576 FLEMING *Panopl. Epist.* A<sub>2</sub>, Of Epistles, some be demonstrative, some suasorie. 1645 PAGITT *Heresiogr.* (1647) 124 The most noble kinde of working, a mans conversion... is performed by suasory motives or advice. 1660 C. NESSE *Hist. & Myst. Q. & N. Test.* I. 316 Using other suasory arguments. 1866 J. N. COLERIDGE *Six Months W. Ind.* (1832) 145 A singularly eloquent preacher in the pathetic and suasory style. 1853 WHEWELL *Grotius* II. 378 Some are justificatory or justifying, some suasory or impelling.

†*B. sb.* = *SUASIVE* *sb.*

1623 *Debates Ho. Commons* (Camden) 158 Drawing his swasorie from the answer in religion. 1654 GAYTON *Phas. Notes* IV. i. 171 The Curate... had the happiness to... have the advantage of her ease to convey his Consolatories, Suasories... and the like fragments of his profession.

*b.* (See *SUASIVE* *sb. b.*)

1656 USSHER *Ann.* (1658) 694 The first Suasory of M. Seneca.

Hence 'suasoriness rare-0.

1727 BAILEY vol. II. *Suasoriness*, aptness to persuade.

**suave** ('swɑ:v, formerly also swɛiv), *a.* (†*adv.*) Also 6 *suaf*, *swave*, *Sc.* *suaf*, *swaif*, [a. F. *suave* (16th cent.), a 'learned' formation which took the place of the 'popular' OF. *soef*, *suef* (*suaf*):—L. *suāvis* sweet, agreeable:—\**swādvis*, f. *swād-* (see SWEET *a.*)]

1. Pleasing or agreeable to the senses or the mind; sweet.

c 1560 A. SCOTT *Poems* (S.T.S.) vii. 29 Adew pe fragrant balme suaf, And lamp of iadeis lustiest! 1598 Q. ELIZ. *Plutarch* ix. 3 The suafes thing that Silence doth Express. 1694 MONTREUX *Rabelais* v. Epist. 251 These Times... alterate the suafest Pulchritude. 1849 C. BRONTE *Shirley* xxvi, To whom the husky oat-cake was from custom suave as manna. 1859 MISS MULOCK *Life for a Life* xvii, To break the suave harmony of things. 1878 H. S. WILSON *Alpine Ascents* iii. 99 The suaver white hoods of snow summits.

†2. Gracious, kindly. Also *adub.* *Sc.* *Obs.*

1501 DOUGLAS *Pal. Hon.* III. ii, Thir misis gudlie and suave. c 1550 ROLLAND *Crt. Venus* II. 76 The nine Musis sweit and swaue. c 1560 A. SCOTT *Poems* (S.T.S.) i. 214 Resaif swaif, and haif ingraif it heir. *Ibid.* xxxvii. 73 Sweet Lord, to Syon be suave.



3. Of persons, their manner: Blandly polite or urbane; soothingly agreeable. (Cf. *SUAUVITY* 4.)  
 1831 F. REYNOLDS *Playwright's Adventures* iv. 63 St Alm was anything but suave. 1847 C. BRONTE *Jane Eyre* xiv. He showed a solid enough mass of intellectual organs, but an abrupt deficiency where the suave sign of benevolence should have risen. 1853 — *Villette* xxi. The rare passion of the constitutionally suave, and serene, is not a pleasant spectacle. 1853 LYTON *My Novel* iii. xxvi. A slight disturbance of his ordinary suave and well-bred equanimity. 1863 GEO. ELIOT *Romola* xxxi. Doubtless the suave secretary had his own ends to serve. 1868 J. A. OWEN *Hawaii* iii. 55 Oahu was quite captivated by the plausible, suave manners of the ingratiating southern chief.  
 Comb. 1894 'MAX O'RELL' *J. Bull & Co.* 30 These suave-looking people, far away in the Pacific Ocean.

**suaively** ('swævli), *adv.* [f. *SUAVE* a. + -LY<sup>2</sup>.]

1. In a suave manner; with suavity.  
 1862 THORNBURY *Turner* i. 317 Mr. Judkins suavely waves his glass. 1873 BLACK *Pr. Rule* xii. 'Oh, there is no use getting into an anger', said Mackenzie, suavely. 1902 HITCHENS *Londoners* 28 'So glad to find you at home, dear Mrs. Verulam', the Duchess said suavely.  
 2. Agreeably, sweetly, gently.  
 1853 SYMONDS *Ital. Byways* vi. 103 Low hills to right and left suavely modelled heights in the far distance. 1887 ANNE ELLIOT *Old Man's Favour* i. ii. 204 Mrs. Hammond's voice fell suavely on her ear.  
 So 'suaveness, suavity'.  
 1905 W. E. B. DU BOIS *Souls Bk.* *Folk* iii. 58 We cannot settle this problem by diplomacy and suaveness.

**suaevolent** (swæ'vələnt), *a. rare*. [ad. L. *suaevolens*, -entem, f. *suaē* *advb.* neut. of *suavis* *SUAVE* + *olens*, -olent-, pr. ppl. of *olere* to smell.] Sweet-smelling, sweet-scented.

1657 TOMLINSON *Renou's Disp.* 85 Medicaments are made more odoriferous and suaevolent. 1819 (H. BUSK) *Banquet* ii. 544 Suaevolent, the viands valets bear. 1900 B. D. JACKSON *Gloss. Bot. Terms* 257.  
 So 'sua'evolence, fragrance'.  
 1657 TOMLINSON *Renou's Disp.* 201 Accomodated to conciliate suaevolence to the skin or body.

**†suaivate**, *v. Obs. rare*. [f. L. *suaiviāt*, ppl. stem of *suaivāri*, f. *suaivum*, altered f. *sauvum* kiss, by assimilation to *suavis* sweet.] *trans.* To kiss. So '†suaiv'ation, kissing.

1643 TRAPP *Comm. Gen.* xli. 20 What joy there will be, to see them and suavitate them, for whose sake, he shed his most precious blood. 1656 BLOUNT *Glossogr.*, *Suavation* [sic], an amorous kissing. 1658 PHILLIPS, *Suavitation*.

**suaivify** ('swævifai), *v. rare*—1. [ad. L. *suaivificāre*, f. *suaivis* *SUAVE* + *ficāre*, -are -FY.] *trans.* To make affable (Webster 1847).

1825 *Spirit of Public Jnrls.* for 1823 (ed. 2) 444 Eating much tends to suaivify the mood.

**suaiviloquence** (swæ'viləkwəns), *rare*. [ad. L. *suaiviloquentia*, f. *suaiviloquens*, f. *suaivis* *SUAVE* + *loquens*, pres. ppl. of *loqui* to speak.] Pleasing or agreeable speech or manner of speaking. So *suaiviloquent*, *suaiviloquious* (in Dicts.) *adjs.*, of sweet speech; *suaiviloquy* [L. *suaiviloquium*], *suaiviloquence*.

a 1649 in N. & Q. Ser. i. X. 357 'Suaiviloquence, sweetness of language. 1805 T. HOLCROFT *Bryan Perdue* II. 18 Pray, Madam, are you acquainted with the word suaiviloquence? 1860 HERVEY *Rhet. Convers.* 16 Even though you can deliver it with great suaiviloquence. 1656 BLOUNT *Glossogr.*, 'Suaiviloquent. 1659 (title), A collection of Authentic Arguments, suaiviloquent Speeches, and prudent Reasons. 1658 PHILLIPS, 'Suaiviloquy, a sweet, or pleasant manner of speaking.

**†suaivous**, *a. Obs. rare*—1. [f. L. *suaivis* (see *SUAVE*) + -OUS.] Pleasing, agreeable.

1669 WORLIDGE *Syst. Agric.* 211 Not a few, of our most suaivous and delectable Rural Seats.

**†suaivitude**. *Obs. rare*. Also *savitute*. [ad. L. *suaivītudo*, f. *suaivis*: see *SUAVE* and -TUD-.] Sweetness, gentleness.

1512 *Helyas* in *Thoms Prose Rom.* (1828) III. 35 He thanked God greatly of his divine savitute. c 1550 ROLLAND *Crit. Venus* III. 727 Plenist with sport, and suait suaivitude.

**suaivity** ('swæviti, older 'swæv-). Also *suaivitee*, 6 -ite, -yte, 6 -itie. [ad. L. *suaivitas* (partly through F. *suaivité*), f. *suaivis*: see *SUAVE* and -ITY.]

†1. Sweetness or agreeableness to the senses; esp. sweetness (of taste), fragrance (of odour). *Obs.*

c 1450 *Mirour Saluacion* (1888) 144 There, is alle suavitie delitable to touching. 1513 BRADSHAW *St. Werburga* i. 3372 Suche a suaivite and fragrant odoure Ascended from the corps. *Ibid.* ii. 1907 O redolent rose repleit with suaivite. 1646 SIR T. BROWNE *Pseud. Ep.* vii. 351 Rachel desired them [sc. mandrakes] for rarity, pulchritude or suavity. 1658 R. WHITE tr. *Digby's Powd. Symp.* (1660) 51 The smell of beans... is a smell that hath a suavity with it. 1661 BOYLE *Style Script.* 253 Of both their Suavities [viz. of God's word and of honey]. Experience gives much Advantageous Notions than Descriptions can.

†b. Sweetness (of sound, harmony, expression).

1614 J. DAVIES *Commend. Poems* (1878) 10/1 Musickes haters have no Forme, or Soule: For, had they Soules product in Harmony, They would be rausht with her Suavity. c 1645 HOWELL *Lett.* (1655) II. lviii. 78 Touching

her [sc. the Greek tongue's] degeneration from her primitive suavity and elegance. 1678 CUDWORTH *Intell. Syst.* i. iv. 296 Plato does... very much commend the Orphick Hymns, for their Suavity and Deliciousness. a 1821 V. KNOX *Ess. cv.* Wks. 1824 i. 517, I know not whether the *curiosa felicitas*... may not be said to consist in delicacy of sentiment and suavity of expression.

2. Pleasurableness, agreeableness; pl. delights, amenities. Now only as coloured by sense 4.

1594 *NASHE Terrors* II. Wks. (Grosart) III. 268 One... who in the midst of his paine falls delighted asleepe, and in that suaivite of slumber surrenders the ghost. 1619 HALES *Gold. Rem.* ii. (1673) 65 The suavity of their Doctrine in the word Peace and Good things. 1656 EARL MONM. tr. *Boccalini's Advts. fr. Furnass.* ii. lix. (1674) 211 To taste the sweet of Government, the suavity of Command. 1660 GALE *Crit. Gentiles* i. iii. i. 18 The delights or suavities, which attend the teachings of Poesie. 1823 J. BADCOCK *Dom. Amusem.* 63 The common suavities of social life. 1860 O. W. HOLMES *Prof. Breakf.-t.* vi. The elegances and suavities of life.

†b. A state of sweet calm in the soul when specially favoured by God; pl. feelings of spiritual sweetness or delight. *Obs.*

[c 1610 *Women Saints* 55 Her bodie yielding a most fragrant odour... a greake token of her hostlie suaivite.] a 1617 *BAYNE Chr. Lett.* (1620) L 8, I thank God in Christ, sustentation I have... but suaivities spiritual I taste not any. 1648 BOYLE *Motives Love of God* (1659) 52 The unimaginable suavity, that the fixing of ones Love on God, is able to bless the Soul with. 1671 WOODHEAD *St. Teresa* i. xv. 93 That, which the Soul is to do... is only to rest with suavity and without noyae. a 1680 GLANVILLE *Some Disc.* i. (1681) 55 The conceit of our special dearness to God... that goes no further than to some suavities, and pleasant fancies within our selves.

†3. Graciousness; sweetness of manner or treatment. *Obs.*

1508 FISHER 7 *Penit. Ps. Wks.* (1876) 248 *Suaivis dominus vniuersi*. In euery thyng that god dooth is suaivite. 1642 H. MORE *Song of Soul* iv. *Oracle* (1647) 297 Mild-smiling Cupid that comes. With lively looks and amorous suaivite. a 1649 in N. & Q. Ser. i. X. 357 Suaivite, or sweetness of carriage, is a winning quality.

4. The quality or condition of being suave in manner or outward behaviour; bland agreeableness or urbanity.

1815 W. H. IRELAND *Scribblemania* 252 Histories... which uniformly tend to inculcate suavity of manners. 1818 SCOTT *Br. Lamm.* xxix, 'Lucy, my love,' she added, with that singular combination of suavity of tone and pointed energy which we have already noticed. 1848 DICKENS *Dombey* xxix, These words, delivered with a cutting suavity. 1878 BLACK *Green Past.* iii. Sometimes a flash of vehement enthusiasm... would break through the suavity of manner which some considered to be just a trifle too supercilious.

b. pl. Suave actions.  
 1852 MRS. STOWE *Uncle Tom's C.* viii. Cajoled by the attentions of an electioneering politician with more ease than Aunt Chloe was won over by Master Sam's suavities.

**suaiv**, *obs. Sc. form of so adv.*

**sub** (səb), *sb.* [Short for various subst. compounds of SUB-.]

1. a. = SUBORDINATE.

Quot. 1696 may belong to 4; quot. 1708 is of uncertain meaning.

1696 PHILLIPS (ed. 5), *Ordinary*,... the Bishop of the Dioceses Sub [ed. 1706 Deputy] at Sessions and Assizes. 1708 *Brit. Apollo* No. 74. 2/2 Thou hast neither good humour, Policy, nor Common Civility to make a Sub dance attendance after you like any indifferent Queerist.

1840 H. SPENCER in *Autobiogr.* (1904) i. xii. 173, I go... to complete sundry works which the Subs have left undone. 1846 MRS. GORE *Engl. Char.* (1852) 111 He is never... tyrannical with his sub, like most great potentates. 1899 *Mary King'sley's W. Afr. Studies* App. i. 54, Echoed the late Mr. Consul Hewitt had the fifth part of the ability in dealing with the natives his sub and successor... showed.

b. For various titles of subordinate officials, as sub-editor, sub-engineer, sub-lieutenant, sub-rector, sub-warden.

1837 *Civil Engin. & Arch. Jnrl.* i. 431/1 The sub, or resident engineer. 1859 *Electric Rev.* Ser. vi. V. 253 The Newspaper—day and night. By a Quondam 'Sub'. 1863 P. BARRY *Dockyard Econ. Pref.* vi. The Editor lives in an atmosphere of care. His assistant, or sub, begins the day at nine o'clock at night. 1872 'A. MERION' *Odd Echoes* Oxf. 38. Fear no more the snarl of the sub. Thou art past that tyrant's stroke. 1873 LELAND *Egypt. Sketch-bk.* 44 The two great men who filled our carriage were a couple of Levantine railroad subs. 1898 KIPPLING *Fleet in Being* ii. The Sub wipes the cinders out of his left eye and says something.

2. = SUBALTERN sb. 2.

1756 WASHINGTON *Writ.* (1889) I. 293 Leaving Garrisonians in them from 15 to 30 men under command of a sub or Trusty sergeant. 1812 *Sporting Mag.* XXXIX. 245 A Sub of Dragons. 1865 LEVER *Littell* xxvi. 262 Some hard-up Sub who can't pay his mess debts.

3. = SUBSALT. *rare*.

1807 T. THOMSON *Chem.* (ed. 3) II. 519 Besides the triple salts and the subs and the supers.

4. = SUBSTITUTE; U.S. esp. of substitute printers.

1830 GALT *Laurie Todd* iv. The agent... proposed that I should become sub for him there. 1864 *Field* 9 July 21/1 Lillywhite was caught by Yescombe, a 'sub'. 1875 KNIGHT *Dict. Mech.* 2433/2 Sub (Well-boring), a short name for substitute. A short section of rod for connecting tools or bars of different sizes. 1876 *Scribner's Monthly* Apr. 838/1 He consented finally to allow another printer to take his place in the 'Clarion' office—temporarily, and as his 'sub' only. 1887 *Irish Times* 24 May 7/7 D. Carbery c. sub. b. W. G. Downey. 1. 1895 *Funk's Stand. Dict.*, Sub-list, a list of the subs or substitute printers who are allowed to supply the places of regular compositors. 1896 *Booth Times* 18 Jan. 3/2 North

End were short of two of their regular players... but managed to find good ones in Davies and Reed. 1896 *Indianapolis Typogr. Jnrl.* 16 Nov. 407 Every one of these subs is working part of the time.

5. = SUBJECT. Common in U.S.

1838 *Becker Parod. Lost* 8 (F. & H.) No longer was he heard to sing, Like loyal subs, 'God Save the King.' 1885 *N.Y. Merc. May* (in *Ware Passing English*), The Mercury will be pleased to hear from Mrs. Williams on this sub.

6. = SUBSCRIBER (*rare*), SUBSCRIPTION.

1805 M. L. WEEMS *Let.* 9 Jan. (1929) II. 310 In 18 hours subscriptioneering I obtained from the Legislature 100 subs. to Sydney. 1833 J. ROMILLY *Diary* 12 Mar. (1907) 30 Fairly bullied Waud & Jones into subscribing to my Blencowe cause—got 4 others subs today. 1828 *Hood Club* 62 Indeed my daughters both declare Their Beaux shall not be subs. To White's, or Blacks. 1898 W. S. CRUICKSHANK *Let.* 5 Aug. to R. S. Churchill *Winston S. Churchill* (1909) i. 10, 10 Jan. ii. 956, I have to pay £40 for one charger, £135 for the other & £20 subs to the mess. 1903 *FARMER & HENLEY Slang*, Sub (3) a subscription. 1912 *Daily News* 12 Nov. 6 He lets the party have an annual 'sub'... of £10.000.

7. = SUBSIST (*money*): money in advance on account of wages due at the end of a certain period. Also *gen.*, an advance of money. *local*. Cf. Cornish dial. *sist* (*money*).

1866 *Min. Evid. Totnes Bribery Comm.* 72/2, I do not think there was much money flying about before that, my bills were not paid; I was rather anxious about having my sub. *Ibid.*, Tell us the name of any voter who asked you about the sub. 1881 *Placard at Bury (Lancs.)*, Wanted navvies, to work on the above Railway, good wages paid, and sub on the works daily. 1892 *Labour Comm. Gloss.* No. 9 Sub, money paid to workmen at the Scotch blast-furnaces on account, as there exists a monthly pay-day. 1897 *BARRAS & LELAND Dict. Slang* s.v., To do a sub is to borrow money. (Anglo-Indian). 1901 *Scotsman* 12 Apr. 9/5 Provided the men started to-morrow, each would receive a 'sub' of £1 on Saturday.

8. a. = SUBMARINE sb. 3. Also Comb., as *subchaser* = *submarine chaser* s.v. SUBMARINE sb. 3 b.

1917 J. M. GRIDER *Diary* 29 Sept. in *War Birds* (1927) 21 We were supposed to look out for gulls which they say usually follow in the wake of a sub. 1918 L. E. RUGGLES *Navy Explained* 124 *Sub-chaser*, a small, swift, light draft boat used to hunt submarines. 1931 'TAFFRAIL' *Endless Story* xxi. 333 'Sub-chaser' 28, manned by the French, broke down in the Atlantic 700 miles from the Azores and was given up for lost. 1936 *Nat. Geogr. Mag.* LXIX. 799/1 Seamanip... includes instruction on how to... maneuver... such craft as subchasers and motor launches. 1940 A. DIMENT *Bang Bang Birds* ii. 16 Boat-fishing on the Holy Loch and the nuclear subs. 1977 *New Yorker* 29 Aug. 190/1 A subchaser lurches forward on the calm water and comes to a stop as a black sub surfaces at its side.

b. = SUBMARINE sb. 4 b. U.S. colloq.

1955 *Sat. Even. Post* 1 Jan. 16 'I tell you,' a sandwich-shop operator said, 'Subs are taking over.' 1976 R. B. PARKER *Promised Land* ii. 5, I was ready to settle for Ugi's steak and onion subs.

**sub** (səb), *v.* Hence *subbing* *ubl. sb.* [Short for various verbal compounds of SUB-; or f. sub sb.]

†1. = sub-plough vb. (see SUB- 3 c). *Obs.*

1778 [W. MARSHALL] *Minutes Agric.* 16 Aug. 1775, Nothing can equal sub-plowing, for clearing the surface from running weeds;... the second subbing was eight or nine inches deep. *Ibid.* 20 Oct., It was subbed by two oxen.

2. To work as a printer's substitute. In *gen.* use, to act as a substitute. Also *trans.*, to substitute (something). Chiefly U.S.

1853 'MARK TWAIN' *Let.* 26 Oct. (1917) i. 26, I am subbing at the Inquirer office. *Ibid.*, If I want it, I can get subbing every night of the week. 1879 *University Mag.* Nov. 589 At Cincinnati where he [Edison], 'subbed' for the night men whenever he could obtain the privilege. 1926 *Amer. Mercury* Dec. 465/2 When a new act was placed last on a programme, *Variety* put it: 'Fred and Daisy Rial subbed in the walk-out assignment.' 1943 *Sun* (Baltimore) 17 Sept. 8/2 (heading) Subbing camera for gun, corporal 'shoots' zeros. 1950 A. LOMAX *Mister Jelly Roll* (1952) 218 The lord of New Orleans piano was scratching hard for a living... subbing for other piano players who showed up drunk on their jobs. 1974 *Globe & Mail* (Toronto) 24 July 10/2 Toronto Executive Alderman Arthur C. Eggleton subbing for Mayor David Crombie. 1982 B. GRANGER *Schirm* (1982) x. 58 Father Malachy is subbing for the pastor at St. Mary's... The pastor broke his leg, jogging.

3. To pay or receive ('sub'); *occas.* to pay (a workman) 'sub'. Also *absol.* (see quotes.), and to sub up: to pay up or subscribe.

1874 C. HOLLOWAY *Jnrl. Visit to N.Z.* 22 Apr. (typescript) I. 57 In some instances the dissipated individual had to sub a few shillings of the Landlord to help him on the road. 1874 *Hotten Slang Dict.* 314 Sub, to draw money in advance. 1886 H. CUNLIFFE *Gloss. Rochdale-with-Rossendale, Sub*, to pay a portion of wages before all are due. 1891 *Pall Mall Gaz.* 19 Nov. 612 During the month there has been a more than usual amount of 'subbing'. 1892 *Labour Comm.* Gloss. No. 9 Some pieces of cloth cannot be finished in one week, therefore a weaver must either do without wages or sub. 1900 N. & Q. Ser. ix. VI. 354/1, I want you to go on once to London. 'All right; but I don't want to be subbed.' 1901 *Ibid.* VII. 356/2 It was my duty to keep time and to 'sub' for some hundreds of men engaged on extensive railway... works in England. 1924 O. JENSEN *Mod. Eng. Gram.* VI. 546 Sub = subsidy or subsistence... also subscription... and as vb., esp. sub up 'subscribe'. 1958 G. MITCHELL *Spotted Hemlock* vii. 75 'Wasn't that rather expensive?'... 'I believe Tony Biancini subbed up.'

4. = SUB-EDIT. Also, to sub the purple: see PURPLE sb. 7 b.

c 1890 F. Wilson's *Fate & When Wilson*, in 'subbing' his copy, cut out all the 'u's' from 'favour', 'honour', and so forth, there was a debating society of two. 1909 *Fabian News*

XX. 76/1 A certain amount of margin and space between the lines for any 'subbing' that may be required.

5. [SUBSTRATUM 4.] In the manufacture of photographic film: to coat with a substratum (see quot. 1965). Chiefly as *vb.* *sb.*, the process of applying a substratum; the substratum itself.

1941 T. T. BAKER *Photographic Emulsion Technique* x. 179 The film base may be wiped or cleaned prior to subbing... The cleaned and substratumed film base is coated at a fairly rapid rate. 1958 H. BAINES *Sci. Photogr.* vi. 83 The rear side of roll film and sheet film is subbed (substratum coated). 1965 M. J. LANGFORD *Basic Photogr.* ix. 161 The manufacturer first 'keys' both sides of the film base or coats them with a foundation layer of gelatin and cellulose ester known as the 'subbing' layer. Next, the emulsion is coated over the subbing on the face of the film. 1977 J. HEDGECOCK *Photographer's Handbook* 263/1 Other non-porous surfaces should be pre-coated with the subbing which is normally supplied with the emulsion.

sub, obs. Sc. form of SIB.

||sub (sab). *Lat. prep.* The Latin prep. *sub* (with the ablative) 'under', enters into a few legal and other phrases, now or formerly in common use, the chief of which are given below.

1. sub camino (?).

1734 *SHORT Nat. Hist. Min. Waters* 132 He posts off to one of the obscure Universities in Holland or France, gets dubbed Doctor with a *sub Camino* Degree in Physics.

2. sub dio, under the open sky, in the open air.

1611 CORVAT *Crudities* 28 He walked not *sub dio*, that is, under the open air as the rest did. 1673 RAY *Journ. Low C.* 403 At Aleppo... they set their beds upon the roofs of their houses, and sleep *sub dio*, in the open air. 1704 SWIFT *T. Tubit*, Attended the Levee *sub dio*. 1775 G. WHITE *Selborne, to Barrington* 2 Oct., The sturdy savages [sc. gipsies] seem to pride themselves... in living *sub dio* the whole year round. 1880 SHORTHOUT *John Inglest* xviii, I would always... be 'sub dio' if it were possible.

3. sub forma pauperis = in forma pauperis (see ||IN 10).

1592 *Soliman & Pers.* i. iv. 89 Crie the chayne for me *Sub forma pauperis*, for money goes very low with me at this time. 1616 R. C. TIMES *Whistle* 1492 Poor Codrus is Constrained to sue *sub forma pauperis*. 1654 WHITLOCK *Zootomia* 127 Should a Patient be bound to give all his Advisers a Fee, He must quickly be removed... to the Hospital, there to bee sick *sub forma pauperis*.

4. sub hasta, lit. 'under a spear' [see SPEAR sb. 3b], i.e. by auction (cf. SUBHASTATION).

1689 EVELYN *Let. to Pepys* 12 Aug., The humour of exposing books *sub hasta* is become so epidemical.

5. sub Jove frigido, under the chilly sky, in the open air.

1818 SCOTT *Br. Lamm.* i. A peripatetic brother of the brush, who exercised his vocation *sub Jove frigido*. 1845 FORD *Handbk. Spain* i. 121 Not *sub Jove frigido*, but amid the bursting, life-pregnant vegetation of the South.

6. sub iudice, lit. 'under a judge'; under the consideration of a judge or court; undecided, not yet settled, still under consideration.

1673 J. CHAMBERLAIN in *Crt. & Times Jas.* I (1848) I. 279 Lord Hay is like... to be made an earl, but whether English or Scottish is yet *sub iudice*. 1681 STAIR *Inst. Law Scot.* i. xvi. 334 The Relict did also claim a Terce out of that same one element, which is yet *sub iudice*. 1778 CRY. C. LEE in *Mem.* (1792) 426 Lingering in suspense, whilst his fame and fortune are *sub iudice*. 1817 T. DWIGHT *Trav. New Eng.*, etc. (1821) i. 104 They plainly consider the case as no longer *sub iudice*. 1828 DE QUINCY *Rhetoric Wks.* 1890 X. 110 The relations of the People and the Crown... continued *sub iudice* from that time to 1888. 1897 *Daily News* 10 Dec. 8/3 He said the matter was being considered by the Committee, and therefore was *sub iudice*.

7. sub lite, in dispute.

1892 *Nation* 8 Dec. 438/3 Mr. Petrie's dates are still, with good reason, *sub lite*.

8. sub modo, under certain conditions, with a qualification, within limits.

1763 SWINBURNE *Treat. Spowals* (1886) 139 If a Man and a Woman contract Matrimony *sub modo*. 1776 AYLIFFE *Paregon* 336 That this Paragon or Legacy descends to her Executors like other Legacies bequeath'd purely and *sub modo*. 1765-8 ERSKINE *Inst. Law Scot.* iii. i. 48 Obligations granted *sub modo*... are not... suspended until performance by the creditors in them. 1807 *Edin. Rev.* July 352 The opinion... might be held *sub modo*, with perfect impunity. 1843-56 BOUVIER *Law Dict.* (ed. 6) s.v., A legacy may be given *sub modo*, that is, subject to a condition or qualification.

9. sub pede sigilli (see quot. 1843-56).

1676 HALE *Hist. Placit.* (1736) I. 171 Certificates, which are usually pleaded *sub pede sigilli*. 1843-56 BOUVIER *Law Dict.* (ed. 6) II. 554/2 *Sub pede sigilli*, under the foot of the seal; under seal.

10. sub plumbo, 'under lead', i.e. under the Pope's seal.

1522 J. CLERK in *Ellis Orig. Lett.* Ser. III. I. 314 The bull of the Kyngs title was made up *sub plumbo* before the Popis deth. 1535 *Lett. Suppr. Monast.* (Camden) 58 The pope... gave hym licens to kepe an hore, and hath goode writing *sub plumbo* to discharge his conscience.

11. sub poena, under a penalty of.

1466 in *Archæologia* (1887) L. i. 52 *Sub poena* of a jd. to the Church to be paid.

12. sub rosa [see ROSE sb. 7], 'under the rose', in secret, secretly.

1654 GAYTON *Play. Notes* III. v. 93 What ever thou and the foule pussie did doe (*sub Rosa* as they say). 1772 J. ADAMS *Diary* 20 Dec. Wks. 1850 II. 305 This however, *sub rosa*, because the Doctor passes for a master of composition. 1834 COLERIDGE (in *Dixon Dict. Idiom. Phr.*), I wonder some of you lawyers (*sub rosa*, of course) have not quoted the

pitthy line of Mandeville. 1844 N. P. WILLIS *Lady Jane* II. lxxvii, Had he a 'friend' *sub rosa*? No, sir! Fie, sir!

13. sub sigillo [see SEAL sb. 2b], under the seal (of confession); in confidence, in secret.

1623 J. MEAD in *Crt. & Times Jas.* I (1848) II. 406 The forenamed Mr. Elliot told, *sub sigillo*, some suspicious passages. 1673 DRYDEN *Marr. à la Mode* II. 19, I may tell you, as my friend, *sub sigillo*, &c. this is that very numerical Lady, with whom I am in love. 1777 H. WALPOLE *Let. to H. S. Conway* 5 Oct., Remember, one tells one's creed only to one's confessor, that is *sub sigillo*.

14. sub silentio, in silence, without remark being made, without notice being taken.

1617-8 J. CHAMBERLAIN in *Crt. & Times Jas.* I (1848) II. 62 All things shut up *sub silentio*. 1760 GILBERT *Cases in Law & Equity* 267 These are better than many precedents in the office, which have passed *sub silentio* without being litigated. 1843-56 BOUVIER *Law Dict.* (ed. 6) II. 555/2 Sometimes passing things *sub silentio* is evidence of consent. 1863 KEMLE *Life Sp. Wilson* xvi. 31 The Bishop would probably have added upon Mr. Quayle's second communication *sub silentio* as he had done the former.

15. sub specie æternitatis, 'under the aspect of eternity', i.e. viewed in relation to the eternal; in a universal perspective. [Cf. Spinoza *Ethices* (a 1677), in *Opera Posthuma*, 1677, v. xxix. 254.] Hence *sub specie temporis*, viewed in relation to time rather than eternity.

1896 W. CALDWELL *Schopenhauer's System* v. 268 Art enables us somehow to see things *sub specie æternitatis*. 1921 *Enycl. Brit.* XXI. 441/2 The nature of any fact is not fully known unless we know it in all its relations to the system of the universe, or, in Spinoza's phrase, *sub specie æternitatis*. 1925 A. HUXLEY *Let.* 21 Apr. (1960) 247 There, on the other side of the water, are one hundred and five million beings whose sole function—if you look at their lives *sub specie æternitatis*—is to provide people like us with money. 1935 E. R. EDISON *Misses* 20 This man, as I have long observed him, looked on all things *sub specie æternitatis*; his actions all moved... to slow perfection. 1952 V. A. DEMANT *Relig. & Decline of Capitalism* iii. 70 Hence what was true *sub specie æternitatis* in the liberal aim is being lost. 1973 G. M. BROWN *Magnus* vii. 139 If... we could look with the eye of an angel on the whole history of men, *sub specie æternitatis*, it would have the brevity and beauty of this dance at the altar.

1928 L. HODGSON in A. E. J. Rawlinson *Essays on Trinity & Incarnation* viii. 378 Perhaps the best one can do is to speak of God as *sub specie æternitatis* but *sub specie temporis*. 1944 W. TEMPLE *Let.* 12 Jan. (1963) 142, I have trembled the Son and the Spirit as God *sub specie temporis* and the Father as God *sub specie æternitatis*. 1960 *Encounter* XV. 77 *Sub specie temporis* his Combination Rooms say more to us than Beckett's wet and windy plains.

16. sub specie mortis, in the face of death.

1955 *Times* 26 May 3/4 The ninth symphony, we are told, is poignant in that it was his last and written *sub specie mortis*. 1964 *Listener* 21 May 849/3 Written *sub specie mortis*, they are his [sc. Mahler's] most 'existentialist' works.

17. sub verbo = sub voce, sense 18; abbreviated s.v. (see S 4 a).

1902 J. M. BALDWIN *Dict. Philos. & Psychol.* II. 358/2 Many citations in Eisler, Wörterb. d. philos. Begriffe, sub verbo.

18. sub voce, under the word (so-and-so); abbreviated s.v. Cf. VOCE.

1859 N. & Q. 23 Apr. 341/1 Skinner, *Gloss.*, *sub voce*, evidently understands the word in this sense. 1871 *Ibid.* 9 Dec. 487/1 See Halliwell's *Dict.*, *sub voce* 'Braid'.

sub- (sab, sòb), prefix, repr. L. *sub-* = the prep. *sub* under, close to, up to, towards, used in composition (cf. UNDER-) with the various meanings detailed below. (The related Skr. *upa-*, Gr. *upo-* have a similar range of meaning.)

The b of L. *sub-* remained unchanged when it preceded a radical beginning with s, t, or v; before m and r it was frequently assimilated (see e.g. SUMMON, SURROGATE), and before c, f, g, and p it was almost invariably assimilated (see e.g. SUCCEED, SUFFER, SUGGEST, SUPPOSE). Variation is illustrated by L. *subfuscus* SUBFUSC beside L. *suffuscus*, *subrogatus* SUBROGATE beside *surrogatus* SURROGATE. A by-form *subs-* (cf. ABS-) was normally reduced to *sub-* in certain compounds with words having initial c, p, t, e.g. *suscipere*, *suspendere*, *sustinere* (see SUSCEPTION, SUSPEND, SUSTAIN); and before sp- the prefix becomes su-, as in *suspiciere*, *suspicio*, *suspirare* (see SUSPECT, SUSPICION, SUSPIRE).

The original force of the prefix is either entirely lost sight of or to a great extent obscured in many words derived immediately or ultimately from old Latin compounds, such as *subject*, *suborn*, *subscription*, *subserve*, *subsist*, *substance*. (Where the prefix occurs in an assimilated form and is consequently disguised, as in *succeed*, *suffer*, *suppose*, an analysis of the compound does not readily suggest itself.) As a living prefix in English it bears a full meaning of its own and is freely employed in the majority of the senses defined below. Appropriate originally to composition with words of Latin origin it has become capable of being prefixed to words of native English or any other origin. This extension took place as early as the 15th c., but the beginnings of the wide use of which it is now capable date from the latter half of the 18th c., to

which a large number of the earliest examples of scientific terms belong.

The more important and permanent compounds, whether general or technical, are entered in this Dictionary as main words; in the present article are treated such compounds of a general character as have not a permanent status in the language and scientific terms the meaning of which may (for the most part) be gathered from the meaning of the prefix and that of the radical element.

In Romance, *sub-* was replaced by *sub-* as a living prefix; e.g. *sublevare* was ousted by *\*subtulerare*, whence OF. *sous-*, *soulever*, mod.F. *soulever*. (Cf. *agout*.) But *sub-* appears in OF. (1) from the 12th cent. in learned adoptions of old Latin compounds, e.g. *subornare* to suborn, *subintere*, *subversion*, (2) from the 14th cent. (with variant *sub-*) in forms substituted for older compounds with *sous-*, *sous-*, e.g. *submayeur* (cf. *sousmaieur*) *sub-mayor*, *subprieur* (cf. *sousprieur*) *subprieor*, (AF.) *subtaxour* *sub-taxer*, *subvicar* (see 6 below); *soumettre* for *sousmettre* to submit.

Pronunciation. The prefix bears the main stress (1) in the following words derived from compounds of the old Latin stock, viz. *subject* (sb.), *subscript*, *substance*, *suburb*, *subaltern*, *subdolous*, *subjugate*, *sublimate*, *subsequent*, *subsidiary*, *subsidy*, *substantive*, *substitute*, *subtrahend*; also in *submarine*; (2) in words in which there is an implicit contrast with the simple word, e.g. *subarch*, *subclass*, *subflavour*, *subgenus*, *sub-office*, *subsection*, *subsoil*. (As with other prefixes that express contrast, the principal stress is always on *sub-* when the contrast is explicit, as *deacon* and *subdeacon*, to let or *sublet*, *epithelial* and *subepithelial tissue*.) The prefix is stressless and the quality of its vowel is consequently reduced in *subduce*, *subdue*, *subjective*, *subjoin*, *subjunctive*, *sublime*, *submerge*, *submit*, *subordinate*, *subreption*, *subscribe*, *subserve*, *subside*, *subsidiary*, *subsis*, *substantial*, *substratum*, *subsume*, *subtend*, *subtract*, *suburban*, *subvene*, *subvert*, and their derivatives. In other cases the prefix bears a stress varying from a light secondary to a stress even with that of the second element of the compound (the vowel being consequently unobscured), as in *subacid*, *subclavian*, *subdean*, *subpercular*, *subterranean*. In compounds belonging to branch II, even stress tends to prevail.

I. Under, underneath, below, at the bottom (of).

1. Forming adjs. in which *sub-* is in prepositional relation to the sb. implied in the second element, as in L. *subaquaneus* = that is *sub aqua* under water, *subaquaneous*, *subdialis* = that is *sub di*, *subdial*, *subterraneus* = that is *sub terrâ*, *subterranean*, *-eous*.

a. Compounds of a general character (mainly nonce-wds.) and miscellaneous scientific terms.

*subarborescent*, lying under a forest of trees. *subastral*, situated beneath the stars, mundane, terrestrial. *subCambrian Geol.*, lying beneath the Cambrian formation. *subcarboniferous Geol.*, designating the mountain-limestone formation of the carboniferous series or that lying beneath the millstone grit, lower carboniferous. *subconsular*, being under the government of consuls. *subcrustal*, lying under the crust of the earth. *subferular* [see FERULAR], under school discipline. *subfluvial*, extending under a river. *subglacial*, existing or taking place under the ice. *sublacustrine*, lying or deposited at the bottom of a lake. *submundane*, existing beneath the world. *subniveal*, *-nivean*, existing or carried on under the snow. *subnubilar*, situated beneath the clouds. *suboceanic*, beneath the ocean. *subphotospheric*, produced under the photosphere. *subrenal*, occurring beneath the kidneys or in the region of the loins. *subruin*, underneath ruins. *subscarian a.* used as sb. (see quot.). *subsuperficial*, occurring below the surface. *subtegulaneous* [L. *subtegulanus*, f. *tegula* tile], under the roof or eaves. *subtidal Ecol.*, situated or occurring below the low tide mark. *subundane* [L. *unda* wave], growing beneath the waves. *sub-Wealden*, under the Wealden strata in Sussex (or similar strata elsewhere).

1886 GUILLEMETTE *Cruise of Marchesa* II. 10 The explorer who penetrates the true primeval forest in a country such as Borneo finds himself at the bottom of a 'subarborescent' world. 1752 WARBURTON *Serm. Ps. cxlvii*. 3 He compares this 'subastral' economy with the systems of the fixed stars. 1871 TYNDALL *Fragm. Sci.* (1870) II. ix. 172 The riddle of the rocks has been read from 'sub-Cambrian depths'. 1849 DANA *Geol.* ix. (1850) 485 These 'sub-carboniferous' beds are well developed in Illawarra. 1654 H. L'ESTRANGE *Chas.*

I (1655) 55 In "subconsular Rome, Athens or Sparta. 1898 Geogr. Jnl. Nov. 545 Volcanic outflow of "subcrustal molten matter. 1894 SIR W. HAMILTON Discuss. 118 Having in his tender years been "subfervent to some other kind of schooling. 1863 HAWTHORNE *Our Old Home*, Up the Thames II. 134 Making the "subfluvial avenue [viz. the Thames tunnel] only a little gloomier than a sheet of upper London. 1820 W. SCORESBY *Acc. Arctic Reg.* I. 105 Pursuing their course through "subglacial channels to the front of the iceberg. 1860 TYNDALL *Glac.* I. viii. 60 Strange subglacial noises were sometimes heard. 1859 THIRLWALL *Rem.* (1878) III. 203 The prevailing notion of the "sublacustrine domains is, that they are full of countless treasures. 1832 *Examiner* 115/1 Yet have we our festivals Even in these "submundane halls. 1885 *Field* 12 Dec. 824/1 A favourite resort for these "sub-nival operations is a steep bank where the heather is old and long. 1845 S. JUD *Margaret* I. xvii. Seizing a shovel he... commenced his "subnivian work. 1864-5 *Wood Homes without Hands* 38 In a subnivian abode. 1877 *Dawson Orig. World* II. 63 That there is no "sub-nubilar solid sphere. 1858 *Rep. Brit. Assoc.* I. 22 "Suboceanic and subaerial volcanic ejecta. 1903 AGNES M. CLERKE *Probl. Astrophys.* 66 "Sub-photospheric heat may be of almost any intensity. 1867 TORSSELL *Four-f. Beasts* 77 The humors which annoy the body of oxen are many, the first is a moist one called Malis;... the sixth a "Subrenal, when the hinder legs halt by reason of some pain in the loines. 1881 J. P. BRISCOE *Old Nottinghamshire* 140 What is that sound! A subterranean, or "subruinian voice? 1790 COWPER *Let. to J. Johnson* 28 Feb., As to yourself, whom I know to be a "subcubicular, or a man that sleeps under the stairs. 1899 *Smithsonian Rep.* 230 The superficial and "subsuperficial temperatures. 1856 BLOUNT *Glossogr.* "Subterganeous, that is under the caves or roofs of houses. 1878 N. *Amer. Rev.* CXXVII. 163 This subterganeous solitude. 1939 CLEMENTS & SHELFORD *Bio-Ecol.* x. 313 The "subtidal community reaches up into the tidal area. 1879 R. BREWER *Princ. Ecol.* v. 231 It is usual to recognize three zones on both sandy and rocky shores. These are the intertidal zone itself, a supratidal zone above it, and the subtidal zone. 1851 D. LANDSBOURGH *Brit. Seaweeds* (ed. 2) 19 With bright festoons of gayer, gender algues, "Subundant drapery. 1872 in *Rec. Sub-Wealden Explor.* (1878) 6 The thickness of the "Sub-Wealden strata in France and Belgium.

(b) In derived advs., as *subglacially adv.*, under an ice sheet or glacier.

1909 WEBSTER, "Subglacially. 1878 *Nature* 8 June 456/2 Lava flows which were erupted subglacially in southwestern Iceland.

b. *Anat. (Path., Surg.) and Zool.* = Situated or occurring under or beneath (occas. behind) the part or organ denoted by the radical element, or lying on the ventral side of it or ventrally with respect to it; as in (late) L. *subalāris* that is *sub ālis* under the wings, *suboculāris* SUBOCULAR, mod.L. *sublinguālis* SUBLINGUAL, etc.

Compounds of this class may coincide in form with compounds having a different analysis. Thus, *subabdominal* = under the abdomen, f. *sub abdomine* + -AL, coincides with *subabdominal* = not quite abdominal, f. SUB- + ID + ABDOMINAL; SO SUBCARTILAGINOUS, SUBCENTRAL, SUBMUCOUS SUBPINOSUS. Also, such a form as SUBUMBRELLAR may be analysed as (1) *sub umbrella* + -AR = situated beneath the umbrella, f. *sub umbrella* (see f. *sub* + -AR) = pertaining to the subumbrella, or SUBUMBELLAR. (In this second case the resultant signification is much the same whichever analysis is taken.)

In some of these compounds the implied regimen of the prep. is not a simple sb. but a group consisting of an adj. and a sb., the adj. being the element represented in the compound; e.g. *subdural*.

In the following list explanations of the radical element have been occasionally added in brackets; in most instances the meaning of the compound is readily inferred from that of the prefix and of the second element. Many more words of this class are to be found in the medical dict. of Billings, Dorland, and others, *Sydenham Society's Lex.*, Allbutt's *Syst. Med.*, Buck's *Handbk. Med. Sci.*, etc.

*subabdominal* (= situated or occurring under, below, or beneath the abdomen), *subacromial*, *subalar*, *subanal*, *subaponeurotic*, *subastragaloid*, *subauricular* (an auricle), *subcæcal*, *subcalcarine* (the calcarine fissure), *subcapsular*, *subcervicellar*, *subcolateral* (the collateral fissure of the brain), *subconjunctival* (the conjunctiva), *subcoracoid*, *subcranial* (the cranium, the cranial axis), *subcubicular*, *subdeltoid*, *subdermal*, -oid, *subdiaphragmatic*, *subdiscal* (the discal shell), *subdural* (the dura mater), *subectodermal*, -ic, *subendo-cardial*, *subendostylar*, *subendothelial*, *subepidermal*, -ic, *subepithelial*, *subfalcial* (the falc cerebri), *subfacial*, *subfrontal* (a frontal lobe), *subgenital*, *subgenual* (the knee), *subgingival* (the gums, esp. between the gum-margins and the teeth), *subglenoid* (the glenoid fossa), *subglottal*, *subglottic* (the glottis), *subgular* (the throat), *subhamal*, *subhyoid*, *subintestinal*, *sublabial*, *sublaryngeal*, *sublobular* (a lobule of the liver), *subloral*, *submammary*, *submandibular*, *submastoid*, *submentingual*, *submuscular*, *subnervian*, -neural (a main neural axis or nervous cord), *subnodal*, *suboesophageal*, -an, *suboral*, *subostacral* (the shell, Gr. *ostacron*), *subpalial*, *subparietal* (the parietal bone, lobe, etc.), *subpeduncular*, *subpelvic*, *subpericranial*,

*subperiosteal*, *subperitoneal*, *subperitonoabdominal*, -pelvic (the abdominal peritoneum, the peritoneum of the pelvis; applied to forms of extra-uterine pregnancy), *subpetrosal* (the petrosal bone), *subphrenic* (the diaphragm), *subpial* (the pia mater), *subpleural*, *subpreputial*, *subpubic*, *subpyloric*, *subradular*, *subretinal*, *subscrotal*, *subsphe-noidal*, *subspinal*, -spinous, *substernal*, *substigmatal*, *subsylvian* (the Sylvian fissure), *subsynovial* (a synovial membrane), *subtectal* (the tectum of the skull), *subtegmental*, *subtemporal* (a temporal gyrus of the brain), *subtentacular* (the tentacles or tentacular canal), *subtra-petial*, *subungual*, -ungual, *suburoginal*, *subventral*.

1840 Cuvier's *Animal Kingdom* 408 These branchiae are situated... upon the "subabdominal appendages. 1839 *Dublin Jnl. Med. Sci.* XV. 260 Symmetrical "Sub-acromial Luxations. 1834 G. BENNETT *Wand. N.S.W.* II. 45 The beautiful "subanal plumage. 1889 *Q. Jnl. Geol. Soc.* XLV. 644 The "subanal fasciola. 1868 *Gay Variorum Dic.* 150 The trunk veins, especially the "subaponeurotic. 1872 T. BRYANT *Pract. Surg.* 1061 "Subastragaloid amputation. 1822 J. PARKINSON *Orig. Oryctol.* 187 "Subauricular tooth in the larger valve. 1890 BILLINGS *Nat. Med. Dict.* "Subcæcal fossa, pocket sometimes found in the peritoneum behind the cæcum. 1889 *Buck's Handbk. Med. Sci.* VIII. 154 The replacement of lingual lobule and fusiform lobule... by "subcalcarine gyre and "subcolateral gyre. 1889 *Lancet* 20 Apr. 787/2 The "subcapsular portion of the cortex. 1889 *Buck's Handbk. Med. Sci.* VIII. 240 The "subcervicellar veins. 1839-47 *Todd's Cycl. Anat.* III. 85/1 The cellular tissue... is sometimes the seat of... "subconjunctival ecchymosis. 1878 T. BRYANT *Pract. Surg.* I. 308 Inflammation of the sclerotic or subconjunctival fascia. 1859 *Dublin Jnl. Med. Sci.* XV. 251 Congenital "Subcoracoid Luxation. 1876 *Quain's Anat.* (ed. 8) II. 728 "Subcranial, Facial, or Pharyngeal Plates or Arches. 1855 HYDE CLARKES *Dict.* "Subcubicular, under the cuticle. 1869 *Allbutt's Syst. Med.* VI. 575 The whitlow is often sub-cuticular. 1853 *Dublin Quart. Jnl. Med. Sci.* XV. 6 The "subdeltoid bursa. 1889 *SOLLAS in Encycl. Brit.* XII. 415/1 These cavities are known as "subdermal chambers. 1845 TODD & BOWMAN *Phys. Anat.* I. 425 They lie either in the cutis or "sub-dermoid tissue. 1844 HOBLYN *Dict. Terms Med.* (ed. 2) 293 "Sub-diaphragmatic, the designation of a plexus, furnished by the solar plexus, and distributed to the diaphragm. 1902 *Proc. Zool. Soc.* II. 272 A "sub-discal series of internervous spots and dashes. 1875 W. TURNER *Hum. Anat.* 219 A fine space containing a minute quantity of limpid serum... named the arachnoid cavity, or... the "sub-dural space. 1888 *Q. Jnl. Micros. Sci.* (N.S.) XXVIII. 381 The cutaneous muscles arise from the "subectodermal fibrous network. 1888 ROLLESTON & JACKSON *Anim. Life* 784 A "sub-ectodermic plexus of ganglion cells in the subumbrella. 1897 *Allbutt's Syst. Med.* II. 827 "Sub-endocardial hemorrhages. 1893 *Athenæum* 2 Dec. 774/1 The "subendostylar cæloem. 1875 W. TURNER in *Encycl. Brit.* I. 848/2 The endothelial cells rest upon a "sub-endothelial tissue. 1853 *Pharmac. Jnl.* XIII. 17 The "sub-epidermal cellular tissue. 1877 HUXLEY & MARTIN *Elem. Biol.* 62 The "subepidermic cells. 1873 T. H. GREEN *Internat. Pathol.* 264 The "subepithelial cellular tissue. 1889 *Buck's Handbk. Med. Sci.* VIII. 121 The presence of a "subfalcial sinus. 1897 *Allbutt's Syst. Med.* IV. 601 Its source, a degenerate gland, is not only subcutaneous, but "subfascial also, that is, under the deep cervical fascia. 1877 HUXLEY *Anat. Inv. Anim.* vi. 260 The sternal surface presents, anteriorly, a flattened "sub-frontal area. 1888 ROLLESTON & JACKSON *Anim. Life* 785 The membranes come to lie at the bottom of "subgenital cavities or lemnia. 1934 WEBSTER, "Subgenual. 1935 R. E. SNODGRASS *Princ. Insect Morphol.* xvii. 527 Proximally, below the "knee", is a large fan-shaped subgenual organ. 1875 H. V. DALY *Introd. Insect Biol. & Diversity* vi. 109/1 Sub-genual organs are found in many insects but are lacking in Archeonatha, Coleoptera, and Diptera. 1898 H. H. BURCHARD *Text-bk. Dental Path. & Therapeutics* xxiv. 456 By "subgingival deposits are meant calculi which are first deposited in the annular depression between the gum-margin and a tooth. 1899 WILLIAMS & ELLIOTT *Basic & Appl. Dental Biochem.* xii. 222 Dental plaque covers the tooth (supragingival plaque) and extends over the tooth surface of the gingival pocket (subgingival plaque). 1872 HUMPHRY *Myology* 31 The palmar muscles take their origin from the coracoid, or "subglenoid part of the girdle. 1932 W. L. GRAFF *Language & Languages* I. 33 Even if we assume that the "subglottal force of expiration is the same... on leaving the larynx its strength is... weakened. 1970 *Language* XLVI. 313 It would seem difficult to ascertain whether a change in fundamental frequency is due to a change in the tension of the laryngeal muscles or to a change in the subglottal air pressure. 1880 A. FLINT *Princ. Med.* 304 Edema in very rare instances occurs below the vocal cords. This is distinguished as "subglottic edema. 1858 W. CLARK tr. *Van der Hoeven's Zool.* II. 249 "Subgular vocal sac. 1872 HUMPHRY *Myology* 8 The Cryptobranch is continued from the interior of the pelvis beneath the haemal arches of the tail where it blends with the "subhaemal septum. 1876 *Quain's Anat.* (ed. 8) II. 740 The fourth arch, which has no special name, but might be called "sub-hyoid or cervical. 1870 ROLLESTON *Anim. Life* 125 Vessels... which pass round the intestine... to join a "sub-intestinal vessel. 1875 BRACE *Zool.* 196 The anal sacs are "sublabial. 1901 *Proc. Zool. Soc.* London I. 281 The "sub-laryngeal pouch is essentially a caecal diverticulum of the ventral wall of the larynx, between the thyroid and cricoid cartilages. 1949 KOESTER *Insight & Outlook* 391 A continuous flow of physiological processes, involving... sublingual movements (inner speech). 1839-47 *Todd's Cycl. Anat.* III. 173/1 The "sublobular veins are named from their position at the base of the lobules. 1896 *Brit. Birds, Their Nests & Eggs* I. 185 The supercilary and "sub-loral white streaks. 1857 DUNGLISON *Med. Lex.* s.v., "Sub-mammary inflammation, inflammation of the areolar tissue beneath the mamma. 1875 BUCKLAND *Log-Bk.* 118 The "submandibular... tissues. 1844 HOBLYN *Dict. Terms Med.* (ed. 2) 293 "Sub-mastoid, the name of a branch given off by the seventh pair of nerves, as it passes out from the stylo-

mastoid foramen. 1899 *Allbutt's Syst. Med.* VII. 569 Some injury during birth, such as usually results in "submeningeal hemorrhage. 1855 DUNGLISON *Med. Lex.* "Submuscular, seated beneath muscles or a muscular layer. 1888 *Encycl. Brit.* XXIV. 679 In *Lumbricus* there are three longitudinal trunks which run from end to end of the body—(1) dorsal, (2) supranervian, (3) "subnervian. 1878 BELL tr. *Gegenbaur's Comp. Anatomy* 279 A "subneural cavity (in insects). 1900 LUCAS *Brit. Dragonflies* 53 The ultra-nodal sector is found between the principal and the "sub-nodal. 1835-6 *Todd's Cycl. Anat.* I. 547/2 A second [ganglion], which is "suboesophageal and anterior, supplies the buccal apparatus. 1858 W. CLARK tr. *Van der Hoeven's Zool.* II. 59 Branchiae open internally in a "suboesophagean tube. 1836-9 *Todd's Cycl. Anat.* II. 393/2 The "sub-oral ganglion is particularly subservient to mastication. 1883 *Encycl. Brit.* XVI. 675/2 A thin plate-like "sub-ostacral (or so-called) dorsal cartilage. 1854 WOODWARD *Mollusca* II. 195 A "sub-pallial expansion on the sides of the back. 1889 *Buck's Handbk. Med. Sci.* VIII. 152 "Subparietal [gyre]. 1815 J. GORDON *Syst. Hum. Anat.* I. 211 The "sub-peduncular Lobule of the Cerebellum. 1864 *Reader No.* 103. 771/1 The acute "subpelvic arch. 1872 T. BRYANT *Pract. Surg.* 41 In the "subpericranial form [of contusions] the indurated base may organise. 1847-9 *Todd's Cycl. Anat.* IV. 1. 713/2 In syphilis... there is frequently "subperiosteal effusion of lymph. 1835-6 *Ibid.* I. 131/1 The "subperitoneal cellular tissue. 1896 *Nomencl. Dic.* 209 Affections connected with pregnancy... β. "Subperitoneo-abdominal. 1897 BULLOCK tr. *Cassini's Midwifery* 245 "Sub-peritoneo-pubic Pregnancy... a species of extra-uterine pregnancy. 1889 *Buck's Handbk. Med. Sci.* VIII. 242 The oblique super- and "sub-petrol sinuses. 1897 *Allbutt's Syst. Med.* III. 470 By "subphrenic abscess is understood a collection of pus in the hollow of the diaphragm. 1877 tr. *von Ziemssen's Cycl. Med.* XII. 405 Meshes or spaces in the tissue of the pia ("subpial space). 1862 H. W. FULLER *Dis. Lungs* 173 The "sub-pleural cellular tissue is injected and oedematous. 1872 T. BRYANT *Pract. Surg.* 496 From retained "sub-preputial secretion or from adhesion between the glans and prepuce. 1831 R. KNOX *Cloquet's Anat.* 198 "Sub-Pubic or Triangular Ligament. 1866 HUXLEY *Laird's Pres. Rem. Caithn.* 94 The sub-pubic arch, 1931 *Encycl. Brit.* (ed. 11) XVII. 166/2 The gastric glands, draining the stomach (these are divided into coronary, "sub-pyloric and tropholytic groups). 1877 HUXLEY *Anat. Inv. Anim.* viii. 488 The "subradular membrane is continued into a longer or shorter sac. 1847-9 *Todd's Cycl. Anat.* IV. 1. 134/2 The submucous tissue of the gall-bladder, the subserous of the pleura...; the "subretinal. 1861 BUMSTEAD *Ven. Dis.* 119 The "sub-accral cellular tissue. 1889 *Buck's Handbk. Med. Sci.* VIII. 241 The "subphenoid sinus. 1733 tr. *Winslow's Anat.* (1734) I. 259 The "Sub-Spinal... Fossa. 1876 WALSHEAM *Handbk. Surg. Pathol.* 153 "Subspinous [dislocation]. The head of the bone is displaced on the posterior margin of the glenoid cavity. 1831 R. KNOX *Cloquet's Anat.* 772 The "substernal and pulmonary lymphatics. 1897 *Allbutt's Syst. Med.* III. 785 Dysphagia and substernal burning. 1896 *Proc. Acad. Nat. Sci. Philad.* 30 The marginal cell... may have the portion below the stigma ("substigmatal) longer than that beyond (poststigmatal). 1889 *Buck's Handbk. Med. Sci.* VIII. 152 Fissural connections... of the Sylvian with the basisyliavian, prestylian, and "subsyliavian. 1835-6 *Todd's Cycl. Anat.* I. 254/1 The "subsynovial cellular tissue. 1900 *Chambers's Techn. Dict.* 818/2 "Subtactal, lying beneath the roof, as the roof of the skull. 1875 *Nature* 30 Oct. 738/1 In the vertebrates below mammals, the tectal and subtectal areas are the main centres of termination of sensory pathways. 1883 *Encycl. Brit.* XVI. 679/1 A pair of such spores [i.e. tegumental] leading into "sub-tegumental spaces of considerable area. 1889 *Buck's Handbk. Med. Sci.* VIII. 153 The callosal... precuneal, and "subtemporal fissures. 1877 HUXLEY *Anat. Inv. Anim.* ix. 586 The "subtentacular and colic canals. 1899 *Allbutt's Syst. Med.* VII. 28 The "sub-trapezical plexus on the under surface of the trapezius muscle. 1855 HYDE CLARKES *Dict.* "Subungual, under the nails. 1879 S. T. GEORGE *Hosp. Rep.* IX. 755 The subungual wart. 1855 DUNGLISON *Med. Lex.* "Subunguinal, belonging to parts under the nail; as subunguinal exostosis. 1876 tr. *Wagner's Gen. Pathol.* 159 Coloring matter is... found... in the "sub-vaginal space. 1835 KIRBY *Hob. & Inst. Anim.* I. ix. 267 No "subventral... foot.

(b) in derived advs.; e.g. *subconjunctivally*, "durally, "glottically, "periosteally, "pially; so SUBCUTICALLY.

1897 *Ophthalmoscope* V. 383 The conjunctival cicatrix had been divided "subconjunctivally. 1874 *Nature* 11 Oct. 553/2 Grafts placed on Fuchs' hump... had been inoculated subconjunctivally. They were rejected abruptly. 1897 *Allbutt's Syst. Med.* II. 700 Injected "subdurally the results were not so constant. 1875 *Year Bk. Ear, Nose & Throat* 317 Direct laryngoscopy showed adjoined cords with an absent lumen "subglottically. 1898 *Syd. Soc. Lex.* "Subperiosteally, in a subperiosteal manner. 1900 *Jnl. Neurophysiol.* XIII. 192 A fine steel needle electrode thrust "subpially into the substance of the acoustic tubercle.

c. Bot. in the same sense as b; e.g. *subarche-sporial*, *subhymental*. Also SUBPETIOLAR.

1900 B. D. JACKSON *Gloss. Bot. Terms.* "Subarchesporial Pad, Bower's term for a cushion-like group of cells below the archedeporium in *Lycopodium*. 1874 *Cooker's Flugs* 57 The receptacle proper comprehends the "sub-hymenial tissue, the parenchyma, and the external membrane. 1882 *Bentham's Text-bk. Bot.* (ed. 4) 288 The ascophorous hyphae or subhymenial layer.

d. *Anat.* In adj. compounds in Latin form, of the type defined in b above, designating parts of the body, used absol. by ellipsis of sb. (e.g. *musculus* muscle, *membrana* membrane): e.g. SUBANCONEUR, SUBCRUREUS, SUBMUCOSA.

(b) Adjs. of Eng. form are similarly used, esp. pl.; e.g. SUBCOSTAL, SUBORBITAL.

e. With abs. forming attrib. compounds; e.g. "sub-ice; *sub-cuticle* = SUBCUTANEOUS; *sub-solidus* Geol., existing or occurring in conditions corresponding to a point in a phase

diagram below a solidus, i.e. when the system is wholly solid; *sub-turbary* found under turf-ground.

1889 *Microcom* Dec., His \*subcuticle injections. 1959 *Times* 9 Jan. 11/6 Apart from the exposed mountains near the coast, \*sub-ice hill and dale occur. 1973 *Nature* 20 Apr. 539/3 New chapters in the history of the continent will be based on the results of continued palaeomagnetic studies, much deep-sea drilling and to a lesser extent sub-ice drilling. 1990 *Pop. Sci. Monthly* Feb. 440 There would necessarily be a \*submountain mass. 1895 *Westm. Gaz.* 7 Sept. 4/4 The whole of the \*sub-river section of the line. 1952 B. MASON *Princ. Geochem.* x. 232 We must... consider the phase changes that may take place in solid solutions in the \*subsolidus region. 1979 *Nature* 15 Mar. 220/1 This mineral assemblage could be produced by hot-pressing the above composition in subsolidus conditions. 1846 OWEN *Brit. Fossil Mammals* 512 The \*sub-turbary shell-marl in various localities in Ireland. 1893 *Times* 24 June 7/6 The [latest] ships are practically the same with regard to the \*sub-water structure.

f. With abs. forming sbs. designating a part, organ, or substance lying under the part denoted by the radical element; e.g. SUBCOSTA, *suben'cephalon*, *subhy'menium*, SUBMENTUM, *subpla'centa*, *sub'radius*, *sub'testa* (see quotes.), SUBUMBRELLA.

1890 BILLINGS *Nat. Med. Dict.* \*Subencephalon, Krause's name for combined medulla oblongata, pons Varolii, and corpora quadrigemina. 1900 JACKSON *Gloss. Bot. Terms*, *Sub-hymenal Layer* or \*Subhymenium, = Hypothecium. 1855 DUNGLISON *Med. Lex.*, \*Subplacenta, decidua membrana. 1897 PARKER & HASWELL *Zool.* I. 129 Half way between any ad-radius and the adjacent per- or inter-radius, a radius of the fourth order, of \*sub-radius. 1816 P. KEITH *Syst. Phynol.* II. 374 The \*Subtesta, which is the inner coat of the seed and lies immediately under the testa.

g. Forming vbs., in L. *substāre* = 'hastæ subicere' (see SUBSTANTIATION), *subjugāre* to SUBJUGATE.

2. a. With adverbial force (= underneath, below, down, low, lower), prefixed to adjs., vbs., and pples. (and, less freq., sbs.), as in L. *suberātus* having copper underneath, *subiacens* underlying, SUBJACENT, *subscribere* to write underneath, write down, SUBSCRIBE, *subsistere* to sit down, SUBSIDE, *substernere* to strew or spread underneath, *subtendere* to stretch under, SUBTEND, late L. *subcavare* to hollow out underneath; e.g. *subad'iacent*, -'repent adjs.; *sub'm'rated*, -'con'coaled, -'con'tained, -'dentad, -'twined pples.; *sub'cavate* vb. sublineation, underlining, *subpunct'ation*, marking letters or words with dots underneath. †*sub'umbrage* v., to overshadow. †*subun'dation*, the action of waves underneath. (Formations of this class are uncommon.)

1722 QUINCY *Lex. Physico-Med.* (ed. 2) 2 The superior Parts of the \*subadjacent *Os Metacarpi*. 1924 JOYCE *Ulysses* 653 He... gained retarded access to the kitchen through the adjacent subadjacent scullery. 1771 *Phil. Trans.* LXII. 60 A \*sub'acrated... denarius of the Plethorae family. 1799 W. TUCKER *View Russ. Emp.* I. 115 A piece of mountain... entirely bare of soil... in conjunction with that mineral [i.e. talc] \*subcavating the trap-stone. a 1734 *NORTH Exam.* III. vi. (1740) 430 To do it with Address, and \*subconcealed Artifice. 1768 CHESELDEN *Anal. Hum. Body* 133 For the better understanding of the \*sub-contained parts. 1836 SMART *Dict.*, \*Subtended, indented beneath. 1898 I. C. RUSSELL *River Developm.* 246 If a name were desired for this minor feature of the drainage of certain regions, it might be termed \*subimposed. 1851 A. BOATS in *Usher's Lett.* (1686) 564 He hath made use of... \*Sublineation in lieu of Asterisks. 1908 *Times* 14 Mar. 14/1 The following whip... was marked with the sublineation of a thick black line. 1908 H. HALL *Stud. Eng. Off. Hist. Doc.* 384 Confession of a blunder by the process of \*subpunctuation must have been particularly distasteful to a mediæval scribe. 1890 BULWER *Autobiog.* II. 53 That they [hair] should imbibe the afflux of \*subprent humours. 1908 *Daily Chron.* 25 July 1/4 A push-button \*subtinned in a bower of red roses. 1881 *Satir. Poems Reform.* xliii. 82 Xerxes, quibose... schippis \*subumbrat all the sayis on breid. 1854 HULSTER *v. Banches*, Banches defensyue against \*subundation called Seabanches.

b. Hence = in or into subjection, as in *subdere* to bring under, subdue, *subicere* to SUBJECT.

3. Prefixed to sbs. with adjectival force (partly on the analogy of L. *sublāmīna* under-plate, *substrāmen* litter) = lying, existing, occurring below or underneath, under-, (hence, by implication) underground; e.g. *sub-armour*, -'trousers, -'vestment, *subcrust*, -'current, -'deposit, -'flush, -'mind; *sub-note*; *sub-crossing*, -'railway; in designations of architectural features, indicating a secondary member, feature, chamber, etc. placed under one of the same kind, e.g. *sub-basement*, -'cellar, -'hall, -'member, -'pier-arch, -'plinth, -'shaft, -'sill, -'store-room, -'tower, so *sub-shelf*, *subtrench* (whence *subtrenched* adj.); *sub-floor*, a floor serving as a base for another floor; *sub-frame*, a secondary frame; *spec.* (a) in carpentry and building, the frame for the attachment or support of a window or door-frame, or of panelling; (b) in a vehicle, the frame on which the coachwork is built, as distinct from the

chassis; *sub'stratosphere*, the upper part of the troposphere, immediately below the stratosphere. Also SUB-ARCH, etc. (Stress even, or on the prefix.)

1860 HEWITT *Anc. Armour* II. 132 The Hauberk of chain-mail is worn... not... as the principal defence... but as a \*sub-armour. 1904 *Westm. Gaz.* 26 Apr. 5/1 Underneath, in the basement and \*sub-basement, were many thousands of gallons of wines and spirits. 1894 *Outing* XXIV. 379/2 Gentlemen, I see I didn't examine your \*sub-cellar. 1864 *Athenaeum* 22 Oct. 530/3 If it be not found convenient to have \*sub-crossings, surely light iron bridges would answer the purpose. 1886 *Ibid.* 4 Sept. 297/3 The intervening zone, or \*sub-crust, which we should probably regard as being... in a state of hydro-thermal plasticity. 1902 *Westm. Gaz.* 14 Oct. 3/2 The \*sub-current of American life. a 1828 SCHOOLCRAFT (Webster), \*Subdeposit. a 1846 LYELL (Worce.), 1893 J. P. ALLEN *Pract. Building Construction* viii. 122 Double floors may sometimes mean that the flooring or floor-boards are laid on the joists in two thicknesses... the bottom thickness being straight-joined... while the other... is laid in the ordinary way above the \*sub-floor, as the bottom one is called. 1929 W. C. HUNTINGTON *Building Construction* vi. 264 This type of construction is greatly superior to that which rests the studs on a sole plate placed on top of the sub-floor. 1973 *Building Materials* (MTP Construction) 186 Any sub-floor can be levelled and smoothed. 1899 *Atlantic Monthly* LXXXIII. 759/1 A certain \*subflush of overripe color beneath the dusky skin. 1929 *Motor* 1 Oct. 33 (Adv.), A \*sub-frame, on which the body is built, isolates the coachwork from the chassis and prevents distortion; the sub-frame being mounted on the chassis by supports having a certain degree of flexibility. 1944 N. W. KAY *Pract. Carpenter & Joiner* vi. 138 Care must be taken to prevent any damage by shrinkage. One method... is to form a sub-frame within the main frame. D shows a sub-frame, to carry the glazing, tongued into the frame of the door. 1968 D. BRAITHWAITE *Fairground Archit.* v. 88 At least two further wagons were required for 'loose stuff' — sub-frames, gates and shutters, roundings and so on. 1979 *Daily Tel.* 1 Dec. 18 (Adv.), For Sale. Mini 850, 1969, 47,000 miles... New sub-frame, reconditioned gearbox. 1889 *Dict. Archit.* \*Sub-hall, the place in the lower story under the hall or chief entrance, which seat was usually on the first floor. 1877 *BRASH Eccl. Archit.* Irel. 133 These arches have each a chamfered \*Sub-member. 1856 EMERSON *Eng. Traits*, Lit. Wks. (Bohn) II. 112 They exert every variety of talent on a lower ground, and may be said to live and act in a \*sub-mind. 1824 DIBDIN *Libr. Comp.* 699 The \*sub-note will show that he possessed a few of his choicer works. 1835 R. WILLIS *Archit. Mid. Ages* vi. 94 Sometimes the \*sub-pier-arch rests on a pilaster instead of a half shaft. 1836 PARKER *Gloss. Archit.* I. 61 A second or \*sub-plinth under the Norman base. 1845 J. WILLIAMS (title), \*Sub-Railways in London. 1835 R. WILLIS *Archit. Mid. Ages* iv. 34 \*Sub-shafts sustain arches of which the upper side is united to the soffit of the next arch or wall. 1889 *Anthony's Photogr. Bull.* II. 415 Ten inches below the \*sub-shelf is a sink. 1833 LUDON *Encycl. Archit.* 1867 The oak gate-posts are kept firm in their places, by the underground braces, to the suballs. 1899 *Scriber's Mag.* Aug. 216/1 Distributions are made daily among the \*substore-rooms. 1937 *Popular Sci. Monthly* Nov. 68/2 Aerial Battles miles above the earth... are foreshadowed by a \*sub-stratosphere placed under test by the U.S. Army Air Corps. 1954 *Chambers's Jyrl.* Feb. 84/2 Another day Byrd flew over a never-ending succession of mountain-ranges, which looked as if they were suspended in the substratosphere. 1884 *Contemp. Rev.* July 104 A still better effect... was gained by placing an octagonal super-tower, or 'lantern', on a square \*sub-tower. 1669 STAYNRED *Fortif.* 7 EFGH is the \*Subtrench. *Ibid.*, Section of a Fort with a... Counterscarp; also \*Subtrenched. 1890 COLUMBUS (Ohio) *Disp.* 11 July, Four inches of white canvass \*subtrousers was exposed between his pantaloons, spring-bottoms and shoe-tops. 1802 COLERIDGE *Lett.* (1895) 394 The diaper \*subvestment of the young Jacobin.

b. Anat. (a) Designating the lowest or basal part of the organ denoted by the second element (cf. med. L. *subjuga* lowest part of a yoke); e.g. *subcutis*, *subface*, *subfacies*, *subilium*.

1879 tr. *Haeckel's Evol. Man* (1905) 648 The corium is much thicker than the epidermis. In its deeper strata (the \*subcutis) there are clusters of fat-cells. 1826 KIRBY & SP. *Entomol.* III. 366 \*Subfacies (the Subface). The lower surface or underside of the head. 1898 *Syd. Soc. Lex.*, \*Subilium, the lowest portion of the ilium.

(b) Designating a part concealed or encroached upon; e.g. *subfissure*, *subgyre*.

1889 *Buch's Handbk. Med. Sci.* VIII. 160 Superfissures and \*subfissures.—These terms are employed herein to designate the fissures which result from the formation of supergyres and \*subgyres. 1903 *Amer. Anthropologist* (N.S.) V. 623 The occipital fissure... shows a number of well-marked subgyres in its depths. 1898 *Syd. Soc. Lex.*, \*Sub-gyrus, a gyrus that is encroached on or covered.

c. Agric. Short for subsoil.

1778 [W. MARSHALL] *Minutes Agric.* 16 Aug. 1775, Put old Nimrod to the \*sub-pow. 1778 *Ibid.*, Nothing can equal \*sub-towing for clearing the surface from running weeds. *Ibid.*, *Observ.* 87 After the Beans were drawn, the Soil was subplowed. 1866 C. W. HOSKINS *Occas. Essays* 111 The well-known results of drainage and \*subpavement. 1856 MORTON *Engl. Agric.* II. 647/2 Subsoil ploughs... are merely stirrers of the under soil, and might more properly be termed \*sub-pulverizers.

4. Mus. With adj. force combining with sbs. to form terms designating: (a) an interval of so much below a given note; e.g. *subdiapente*, *subdiatessarion*; (b) a note or an organ-stop an octave below that denoted by the original sb.; e.g. SUBOCTAVE, *subcontra octave*; *sub-bass*, -'bourdon, -'diapason; cf. CONTRA- 4; (c) a note lying the same distance below the tonic as the note designated by the radical sb. is above it; e.g. SUBDOMINANT, SUBMEDIANT. (Cf. 13.)

1852 J. J. SEIDEL *Organ* 25 The organ at St. Elizabeth's at Breslau... contains a sub-diapason. 1869 *Engl. Mech.* 31 Dec. 385/3 Sub-bass is a 32 ft. tone stop. 1878 STAINER & BARRETT *Dict. Mus.*, *Subdiapente*, *Subdominant*, the fifth below or the fourth above any key note. 1879 *Organ Voicing* 18 All stops speaking at any interval other than the octave, super or sub. 1880 *Encycl. Brit.* XI. 483/2 The 'subbass'... an octave of 16 feet pitch. 1881 C. A. EDWARDS *Organ* 155 Sub-bourdon... is a rare manual stop of 32 ft. 1883 GROVE *Dict. Mus.* III. 747/2 A 'Canon in Subbass' was a canon in which the answer was a fifth below the lead. Similarly 'Subdiatessarion' is a fourth below. 1901 TITCHENER *Exper. Psychol.* I. 32 Subcontra octave.

II. Subordinate, subsidiary, secondary; subordinately, subsidiarily, secondarily.

5. Having a subordinate or inferior position; of inferior or minor importance or size; subsidiary, secondary.

a. of persons; as in late L. *subadjuva* assistant, *subheres* next or second heir; e.g. *sub-advocate*, -'deity, -'god, -'hero, -'substitute, etc.

1645 MILTON *Colast.* Wks. 1851 IV. 351 The Laws of England, wherof you have intruded to be an opiniastrous \*Sub-advocate. 1641 — *Ch. Gov.* I. vi. These two main reasons of the prelates... are the very womb for a new \*subantichrist to breed in. 1818 BENTHAM *Ch. Eng.*, *Catech. Exam.* 161 This newly commissioned Antichrist with his three Sub-Antichrists. a 1700 B. E. *Dict. Cent. Crew.* \*Sub-beau, or Dembeau, a wou'd-be-fine. a 1629 T. G[OFFE] *Careless Sheph.* I. 1, It weaves Not mortals only; but makes other powers 'Sub-Deities to thine. 1820 T. MITCHELL *Com. Aristoph.* I. 44 Some of the epithets applied to this sub-deity [Phaen]. 1809 W. IRVING *Knickerb.* III. ii. Five schepens, who officiated as scrubs, \*Subdevils, or bottle-holders to the burger-meesters. 1880 SHADWELL *Woman Capt.* 1, Scarce any one is such a Fool, but he has a 'sub-Fool that he can laugh at. 1679 DRYDEN *Limmerham* v. Happily arriv'd, I faith, my old \*Sub-formicator. 1726 DE FOE *Hist. Devil* II. i. 203 [Satan] had his 'Sub-Gods, who under his several Dispositions receiv'd the Homage of Mankind. 1846 LADY EASTLAKE *Jyrls.* (1895) I. 189 Sir E. L. Bulwer... a man... reminding me of some of the 'sub-heroes in his own books. 1649 WODENOTE *Hermes Theol.* 68 Saucy 'Sub-Jacks possessed of the preferments of the Learned and Ancient. 1697 J. DENNIS *Plot & No Plot* v. They are my \*Sub-pimpes, and pick up a penny under me. 1899 SPENCER & GILLEN *Tribes Centr. Austral.* title-p., Special magistrate and \*sub-protector of the aborigines, Alice Springs, South Australia. 1817 BENTHAM *Pract. Reform* Intro. 170 Dependence on an essentially insatiable shark with his \*sub-sharks. 1788 HOLCROFT *Baron Trench* (1886) II. vi. 99 The substitute of Kempf was Frauenberger, who... appointed one Krebs as a \*sub-substitute. 1818 BENTHAM *Ch. Eng.* Intro. 17 Another body of divinity... to co-operate with the Catechism, and act under it, in the character of a sub-substitute to every thing that came from Jesus. a 1734 NORTH *Life Lad. Keeper North* (1742) 371 The Earl of Sunderland, Jeffries, and their \*Sub-Subphants. 1889 COOPER *Admon.* 93 Antichristian Prelates, Petie Antichristian, \*Subvice-Antichrists, &c. as some... do term them. c 1675 DRYDEN *Pref. to Notes Empr. Morocco* Wks. 1808 XV. 404 His king, his two empresses, his villain, and his \*sub-villain, nay his hero, have all a certain natural cast of the father. 1840 MACAULAY *Ess.*, *Clive* (1854) 535/1 The villain or sub-villain of the story. 1692 SOUTH *Serm.* (1697) I. 204 The Repairer of a decayed Intellect, and a \*Sub-worker to Grace, in freeing it from some of the inconveniences of Original Sin.

b. of material objects; e.g. *sub-affluent*, -'constellation, -'leader [LEADER' 12], -'network, -'piston, -'totem, etc.; *submunition* chiefly U.S., (usu. pl.) small, short-range guided missiles; also *sing.*; *substorm Meteorol.*, a disturbance of the earth's magnetic field restricted to certain, usu. polar, latitudes and typically manifested as an aurora and other upper atmospheric phenomena.

1873 tr. *Jules Verne's Meridiana* v. [The Kuruman] increased by the waters of a \*sub-affluent, the Moschoria. 1744 *Phil. Trans.* XLIII. May 14 The cardinal and \*subcardinal Points of the Compass. 1827 G. HIGGINS *Catech. Druids* 59 One of the very first \*subcasts from the Asiatic hives. 1646 Sir T. BROWNE *Pseud. Ep.* v. xix. 262 If thereby be meant the Pleiades, or subconstellation upon the back of Taurus. 1824-47 J. S. MACAULAY *Field Fortif.* (1851) 297 Keep their \*sub-crests in the same plane as the sub-crests of the faces. 1859 MURCHISON *Siluria* vi. (ed. 3) 122 The whole of the calcareous courses of this \*subformation. 1913 S. O'CASEY *Lett. N. Ar.* (1975) I. 23 The Editor recently, in a \*Sub-reader, advised all his readers to go and see pictures exhibited in the Central Branch of the Gaelic League. 1862 *Catal. Internat. Exhib. II.* XXXI. 20 The following \*sub-master keys. 1975 *Aviation Week & Space Technol.* 6 Oct. 15/2 Improvement of the BLU-63 \*submunition bomb with two basic sizes of fragments. 1983 *Financial Times* 2 Dec. 3/3 Clusters of anti-armour submunitions which would be fired from stand-off positions. 1966 J. KLEIN *Study of Groups* iv. 50 This will be useful when we wish to analyse \*sub-networks. 1978 *Sci. Amer.* June 95/1 Clo's design is based on the idea of building a large network out of smaller networks called subnetworks. 1895 *Outing* XXVI. 55/2 The serried ranks of \*sub-pagodas in this strange, holy city. 1900 HIXSON *Horseless Vehicles* 66 When the ports in the \*sub-piston close. 1879 C. PASCOTT *Sp. Telephone* 434 M. Gaudoin also utilizes these different \*subproducts in the manufacture of our carbons. 1961 ANASTO & CHAPMAN in *Jyrl. Geophysical Res.* LXVI. 1339/2 Each such event, which Birkeland... called a polar elementary storm... is here called a DP \*substorm. 1969 *New Scientist* 25 Sept. 660/3 These are the 'substorms' which manifest themselves as aurorae and associated magnetic disturbances. 1979 *Nature* 22 Feb. 649/1 Measurements were made during a magnetic substorm which appeared together with the polar light on 25-26 February, 1978. 1883 HOWITT in *Smithsonian Rep.* 818 A larger or smaller group of what I have called \*subtotems, but which might be appropriately termed pseudo-totems.



c. of something immaterial, a quality, state, etc.; e.g. *sub-cause*, *-code* [CODE sb. 1 d], *-cycle*, *-entry*, *-flavour*, *-function*, *-genre*, *-hierarchy*, *-idea*, *-item*, *-literature*, *-part*, *-plot* [PLOT sb. 6], *-problem*, *-question*, *-sense*, *-society*, *-substantiality*, *-system*, *-theme*, *-theory*, *-topic*, *-war*, *-world*, etc.; *sub-goal* Psychol., something that must be achieved on the path to the main objective.

1898 *Engineering Mag.* XVI. 38 In all there are 140 'sub-accounts, under 24 general voucher titles. 1818 BENTHAM *Ch. Eng., Catech. Exam.* 331 In the principal article, they are stated as residing in the neighbourhood; whereas, in the 'sub-articles, no statement to that effect is contained. 1825 COLERIDGE *Aids Refl.* (1848) I. 184 The cause of this, and of all its lamentable effects and 'sub-causes. 1960 R. JAKOBSON in T. A. Sebeok *Style in Lang.* 352 For any speech community... there exists a unity of language, but this overall code represents a system of interconnected 'subcodes. 1967 *Language* XLII. 752 Variants of one and the same code, realized by means of different information channels, are called 'subcodes'. 1973 S. HEATH in *Seven Spring/Summer* 215 The distinction between cinematic codes and sub-codes is initially made in *Langage et Cinéma* as that between general and particular cinematic codes. a 1631 DONNE *Serm.* xxvii. (1640) 338 This part hath also two branches... in the first branch, there will be two twigs, two 'sub-considerations. 1953 A. K. C. OTTAWAY *Educ. & Society* 45 'A 'sub-cycle was here set up within the whole economic setting. 1974 *Sci. Amer.* June 78/2, I have omitted the important subcycles of nitrogen and phosphorus, two elements that are strongly related to the origin of life and to biological processes in general. 1892 *Field* 18 June 942/1 [In which] the 'sub-echo is the showing of three triumphs when a partner has led and called for them. This is accomplished by echoing in the usual manner. 1876 C. A. CUTTER *Rules for Dictionary Catalog* 13 Class entry with specific or class 'subentry. 1979 G. N. KNIGHT *Indexing* vi. 106 If it is a sub-entry itself that errs with excessive references, then the remedy is to turn it into a cross-reference to a separate heading having its own sub-entries. 1895 *Daily News* 30 Nov. 6/2 Their manifold 'sub-flavours of earnestness. 1949 KOESTLER *Insight & Outlook* x. 153 Like all means towards an end (or 'subfunctions in non-teleological language) [etc.]. 1966 H. R. F. KEATING *Inspector Ghote plays Joker* 35, I regard it as a sub-function of my post to make person-to-person contact with as many people in your department as possible. 1976 *N.Y. Times* 13 Jan. 40/5 This was because she belonged to, if in fact she hadn't pretty much created a 'subgenre of the mystery novel. 1980 *Times Lit. Suppl.* 7 Nov. 126/2 One of the major subgenres of science fiction (works dealing with robots and computers). 1932 E. C. TOLMAN *Purposive Behav.* 459/1 (*Index*) Sign-objects... become 'sub-goal-objects. 1967 M. ARGYLE *Psychol. Interpersonal Behaviour* v. 91 Driving a car from A to B involves the sub-goals of getting the engine started, getting the car moving in top gear, and getting to the intermediate points X, Y and Z. 1977 *Dedalus* Fall 121 The theory includes the representation of the task environment, the definition of goals and subgoals, and the order in which alternative courses of action will be explored. 1962 H. C. CONKLIN in *Householder & Savoury Prose* *Lexicogr.* 128 'Subhierarchies of varying 'depths are often discernible within larger hierarchic structures. 1878 GROSART *G. Daniel's Poems* I. 217 'Antike = ancient, with the 'sub-idea of grotesqueness. 1855 BROWNING *Men & Women* II. 17 Sage provisos, 'sub-intents, and saving-clauses. 1888 *Pall Mall Gaz.* 31 July 3/2 Whether the author is to be suspected of a satiric 'sub-intention. 1928 in W. K. Hancock *Australia* (1930) v. 90 In the existing Customs tariff there are 259 items or 'sub-items which provide *ad valorem* duties of 40 per cent. or over. 1781 *St. Trials* XI. 220/2 Upon this he makes many limitations; upon all of which he adds... this 'sublimitation. 1840-1 DE QUINCEY *Style Wks.* 1862 X. 191 Where... the limitations and the sublimitations, descend, *seriatim*, by a vast scale of dependencies. 1961 WESTER, 'Subliterature... inferior literature that does not survive the test of time. 1974 *Times Lit. Suppl.* 1 Feb. 105/1 Though it is important to acquaint oneself with best-sellers and sub-literature... the chief stress should be on literature of enduring aesthetic worth. 1891 SCRIVENER *Fields & Cities* 150 Both these scourges [scrofula and dyspepsia], with the groups of families of 'sub-maladies which grow in their wake. 1883 *Harper's Mag.* Jan. 179/2 Some subtle 'sub-meaning [is] also conveyed. 1770 LUCKOMBE *Hist. Printing* 234 Prefaces, Introductions, Annotations... all which 'sub-parts of a Work were formerly... put in *Italic*. 1949 KOESTLER *Insight & Outlook* x. 135 A sub-whole composed of sub-parts, which in themselves are sub-wholes, and so on. 1976 LIEBERMAN & RHODES *Compl. CB Handbk.* xi. 233 Each applicant... must follow the procedure prescribed by Subpart 1 of Part 1 of this chapter. 1926 C. HUGON tr. *Creizenach's Eng. Drama in Age of Shakespeare* v. 255 In those cases where a comic 'sub-plot runs side by side with the main plot. 1962 G. K. HUNTER *John Lyly* iv. 237 The sub-plot episode of the pages and Grim the Collier of Croydon in *Edwardes' Damon and Pithias*. 1879 ROBY *Lat. Gram.* II. 8 Such a secondary predicate might... be called a 'subpredicate. It is often called an apposition. 1907 W. JAMES *Mem. & Stud.* (1911) x. 236 So the great problem splits into two 'sub-problems. 1980 *Sci. Amer.* Feb. 30/3, I shall treat such issues as special subproblems of allocation. 1899 F. J. MATHER *Chaucer's Prof.* p. xlii, The most serious passages of his poetry are seldom without a 'sub-quality of humor. 1675 TULLY *Let. to Baxter* 27 There remains yet one small 'sub-question. 1619 R. JONES *Recent. Serm.* in *Phenix* (1708) II. 493 The reason of this Conjecture is [etc.]. 'The 'sub-reason is [etc.]. 1856 EMERSON *Eng. Traits*, *Aristocracy Wks.* (Bohn) II. 83 Loyalty is in the English a 'sub-religion. 1896 OLDMSTED *Slave States* 202 The Second Auditor's General Report on Education... contains abstracts of 'sub-reports. 1885 *Law Times Rep.* (N.S.) LVIII. 566/2 If there was any doubt... it is entirely removed by the appropriate language used in 'sub-rule 30. 1802-12 BENTHAM *Ration. Judic. Evid.* (1827) II. 150 These were mentioned as so many 'sub-securities for correctness and completeness. 1890 *Academy* XXXVII. 218/1 A 'subsensation of how, in Rossetti's weird phrase, his death was 'growing up in his birth'. 1947 E. PARTRIDGE *Usage & Abuse* 134/2 *Titanic*... is frequently employed with the

'sub-sense of 'extraordinarily powerful'. 1981 *Dictionaries* II-III. 168 Brockhaus lists it as an example illustrating a sub-sense of *Blut*. 1981 E. E. EVANS-PRITCHARD *Soc. Anthropol.* i. 13 Its boundaries include... peoples of near and further Asia, north Africa, and parts of Europe... an almost limitless number of... societies and 'sub-societies. 1888 *Spectator* 30 June 910/2 There is a 'sub-story dealing mainly with the amours of a disreputable young woman. 1922 JOYCE *Ulysses* 385 *Entwender* transubstantiality or constubstantiality but in no case 'subsubstantiality. 1881 *Smithsonian Rep.* 203 Turning to the several 'subsystems it appears that although it is possible to trace the orbits of the satellites of Mars, Jupiter [etc.], 1957 V. W. TURNER *Schism & Continuity in African Society* i. 1 This book is... an attempt to analyse... the form and functioning of a sub-system, the village, within a wider system, the totality of Ndembu society. 1972 W. LABOV *Language in Inner City* ii. 64 BEV... is best seen as a distinct subsystem within the larger grammar of English. 1949 M. MEAD *Male & Female* xvii. 345 In this story there is a 'sub-theme of the girl's mother's flirtation with a younger man. 1981 A. PATON *Towards Mountain* xxvii. 307 The birth and rise of Afrikaner nationalism is one of the most powerful subthemes of my life story. 1953 PARSONS & SHILS *Toward Gen. Theory of Action* i. 28 Economic theory... only becomes a distinctive 'subtheory of the general theory. 1897 O. J. NAVE *Topical Bible* 4 Under the 'subtopic, *Instances of*, are grouped all the illustrative facts that occur in the Scriptures relating to each subject. 1923 *Notes from Ireland* Nov. 120/2 All this time a 'sub-war rages. 1949 KOESTLER *Promise & Fulfilment* x. 114 The year... ended with the first encounters in the sub-war between the British Foreign Office and the future State of Israel. 1890 W. JAMES *Princ. Psychol.* II. xxi. 291 The popular mind conceives of all these 'sub-worlds more or less disconnectedly. 1983 *Times* 10 Jan. 23/7 A sort of sub-world of smacked bottoms and scrawny mothers-in-law.

(b) With derived adjs., as *sub-intentional*, *-intentioned*, *-systemic*.

1957 P. LAPITTE *Person in Psychol.* ix. 121 A projective test... is designed to elicit what might be called sub-intentional behaviour, including the whole range of covert behaviour that the person cannot report directly. 1968 *Internat. Encycl. Soc. Sci.* XV. 387/2 Subintentioned deaths are those in which the deceased played an important role in the covert, or unconscious role in his own demise. 1961 WESTER, *Subsystemic*. 1966 S. BEER *Decision & Control* vii. 428 The prefrontal lobe of the cortex... has no specific sub-systemic control responsibilities. 1977 *Dedalus* Summer 81 The functionings of their subsystemic parts... and of the whole are to be understood with the aid of general systems theory.

d. of actions; e.g. *sub-appearance*, *-quarrel*, *-smile*; *sub-optimization* (see quot. 1967).

1820 LAMB *Elia* i. *Christ's Hosp.* You never met the one by chance in the street without a wonder, which was quickly dissipated by the almost immediate 'subappearance of the other. 1964 T. W. McRAE *Computers on Accounting* iii. 93 Cyberneticists are for ever emphasizing the dangers of 'sub-optimization. 1967 E. DUCKWORTH in Wills & Yearseley *Handbk. Management Technol.* 110 *Sub-optimization*—the achievement of optimum working of, say, one department of a company without regard to the effect this may have on the rest of the organization. 1574 tr. *Joselin's Life* 70 *Abp. Pref.* to Rdr. D 2b, A petty brawle and 'subquarrel between Yorke and durceme. 1799 S. TURNER *Hist. Anglo-Saxons* I. i. viii. 112 Amid this complexity of rebellion and 'sub-rebellion. 1825 LAMB *Elia* ii. *Stage Illusion*, The skillful actor, by a sort of 'sub-reference, rather than direct appeal to us, disarms the character of a great deal of its odiousness. 1852 C. M. YONGE *Two Guardians* viii. 140 A certain 'sub-smile about the corners of his mouth. 1882 'F. ANSTEV 'Vice Versa' iv, His cheeks were creased with a dimpling subsmile. 1879 HOWELLS *Lady of Aroostook* (1883) II. 158 With a knowing little look at Lydia, which included a 'sub-wink for her husband.

6. a. With names of officials or persons occupying positions of authority, forming titles designating one immediately subordinate to the chief official, as in L. *subcenturio* (var. of *succenturio*) centurion's lieutenant, late L. *subdoctor* assistant teacher, *subscribendarius* assistant secretary, eccl. L. *subdiacōnus* SUB-DEACON, med. L. *subballivus* SUB-BAILIFF, *subbedellus* under-beadle, *submagister* SUBMASTER, *subprior* SUBPRIOR, *subsecretarius* under-secretary; e.g. *sub-abbot*, *-captain*, *-conductor*, *-king*, *-vicar*, etc.

1767 BURN *Eccles. Law* (ed. 2) IV. 456 *mag.* 'Subabbat and subprior. 1818 BENTHAM *Ch. Eng.* 91 His Right Reverend Co-adjutors and Reverend 'Sub-adjutors. 1729 FOXTON tr. *Burnet's App. St. Dead* 28 He commemorates their Deliverance out of Egypt... Moses being the 'Sub-administrator, with mighty Miracles and Prodigious. 1726 AYLIFFE *Parergon* 68 They ought not to execute these Precepts by simple Messengers or 'Sub-Beadles. 1716 M. DAVIES *Athen. Brit.* II. 182 Schelstrat the Pope's 'Subbibliothecarian. 1884 *Cyclist* 13 Feb. 242/1 The captain and 'sub-captain... represent the club on the N.C.U. 1519 *Churches. Acc. St. Gile's*, Reading 3 Of the 'Subchamberer of the Monastery of Redyng. 1688 HOLME *Armoury* iii. iii. 49/2 Officers... belonging to the Earl of Chester... Vice Chamberlain, or 'Sub Chamberlain. 1858 GLADSTONE *Home* II. 11 The subordination of the 'sub-chief to his local sovereign. 1720 J. CHAMBERLAYNE *M. Brit. Notitia* 168 Mr. John Quinnes, first Clerk of the Assembly... Nicol Spence, 'Sub-Clerk. 1837 CARLYLE *Fr. Rev.* III. ii. ii. Amid head-clerks and sub-clerks. 1688 *Long. Gaz.* No. 2331/2 One of the King's Family shall succeed to the Bishoprick, as having been already designed by the Chapter for their 'Sub-Coadjutor. 1947 H. G. FARMER *Royal Artillery Concerts* v. 15 For many years Zaverl would rehearse the orchestra for months without giving the slightest heed to the military band, which was left to the 'sub-conductor (the Sergeant Major) and his subordinates. 1976 D. STEELE in H. Procter-Gregg *Becham Remembered* i. 109 He came across the orchestra bridge to start untangling the confusion caused by Weingartner's being

quite out of touch... with his sub-conductors. 1691 T. H[AL]E *Account New Invent.* p. cv, 'Sub-Conservators for the River of Thames. 1670 COTTON *Esperon* I. ii. 96 To importune the 'Sub-Consul to conclude the Treaty. 1642-3 *Canterb. Marr. Licences*, Thomas Graunt, clerk, 'subcurator of S. Mary's in Dover. 1580 in Picton *L'pool Munc. Rec.* (1883) I. 63 The same customer and 'sub-customer shall yield and give their several accounts. 1672 *Ibid.* 284 William Galley Sub-customer. 1737 E. CHAMBERLAYNE *Angl. Notitia* II. 117 'Sub-director [of Ordnance]. 1896 HILPRECHT *Recent Res. Bible Lands* 87 Halil Bey, sub-director of the Museum in Constantinople. 1612 BRINSLEY *Lud. Lit.* 273 The particular help where either an Vsher is wanting, or else is not sufficient, is by a 'Subdoctor. 1786 J. C. WALKER *Irish Bards* 83 This instrument was used... to assemble congregations [etc.]. Nor is it unlikely, that this office was performed by the 'Sub-Druids. 1703 in J. Chamberlayne *M. Brit. Notitia* (1710) II. 561 The Office of Her Majesty's... Ordnance... Six Engineers... Four 'Sub-Engineers. 1671 F. PHILLIPS *Reg. Necess.* 522 By fraud and collusion betwixt him and the said 'Sub-Escheator. 1796 CHARLOTTE SMITH *Marchmont* IV. 433 Every fee, which the 'sub-executors of our... laws are suffered to extort. 1809 W. TAYLOR in Robberd *Memo.* (1843) II. 277 Charon and his 'subferryman. 1883 *Harper's Mag.* Jan. 206/2 These Maine men are likely to become foremen, or 'sub-foremen. 1774 MRS. DELANY *Life & Corr. Ser.* II. (1861) 11, 70 Miss Goldsworthy is made 'sub-governess to the young Royals at St. James's. 1876 E. JENKINS *Queen's Head* 4 The head waiter, and a lot of 'sub-head-waiters. 1863 TREVELYAN *Compt. Wallah* (1866) 232 The 'sub-inspector of police. 1684 BAXTER *Par. Congreg.* 38 [The Bishop] to be the 'subintercessor, or the mouth of the Church in public prayer. 1823 BENTHAM *Not Paul* 46 The 'Sub-king of the Jews, Agrippa. 1848 LYTTON *Harold* III. iii, The lesser sub-kings of Wales. 1837 W. IRVING *Capt. Bonneville* I. 179 Mr. Walker, one of the 'subleaders, who had gone with a band of twenty hunters. 1722 HEARNE *Collect.* (O.H.S.) VII. 385 The Fees being... to the Head Librarian, 31. 6d. to the 'Sublibrarian, & 11. 6d. to the Janitor. 1800 SOUTHEY *Let.* (1856) I. 134 The sub-librarian is an intelligent man. 1733-4 MRS. DELANY *Let. to Mrs. A. Granville* 2 Mar., In what character is Miss Beal to go with the Orange family? A 'sub-maid, I guess. 1885 *Monch. Exam.* 30 Oct. 5/2 Being 'sub-manager for the last twenty-one years. a 1774 TUCKER *Li. Nat.* (1834) II. 207 In order to gain favour with these inferior ministers or 'sub-mediators. 1673 BAXTER *Let. in Answ. Dowdell* 82 Doth it follow that your Church Monarch can over-see them all himself without any 'sub-overseers? 1685 — *Paraphr. N.T. John* x. 3 To the Messiah God will open the door, and to 'Sub-Pastors, they that by office are door-keepers to the Church, must open it. 1700 in *Cath. Rec. Soc. Publ.* (1909) VII. 69 The Pastor Tegera, and sub Pastor of St. Amand. 1677 MORVISON *Itin.* i. 210 The Patron... made a solemn Oration to the 'sub-Patron and the Mariners. 1671 E. CHAMBERLAYNE *Angl. Notitia* II. 228 Upon this Grand Office depends one hundred eighty two Deputy Post-Masters... and 'Sub Post-Masters in their Branches. 1896 *Hansard's Parl. Debates* 18 Feb. 546/2 A number of messengers... employed by Sub-Postmasters. 1721 AMHERST *Terrae Fil.* No. 22. 112 Mr. Holt of Mauldin college, 'sub-proctor at that time. 1688 HOLME *Armoury* III. iv. 181/2 The 'Sub-Provincial, is to act the same things... as the Provincial. 1706 PHILLIPS (ed. Kersey), 'Sub-Reader, an Under Reader in one of the Inns of Court, who reads the Text of the Law the Reader is to Discourse upon. 1605 *Answ. Supposed Discov. Romish Doctr.* 20 They... openly moued the greatest 'Subregents in England to take arms against her. 1771 Kay *Preparatives Poet. Wks.* III. 13 Neglect to thy Sub-regent's Throne Affronts thy own. 1673 BAXTER *Let. in Answ. Dowdell* 82 Doth it follow that your Church Monarch can... rule them without any 'sub-rulers? 1860 W. L. COLLINS *Luck of Ladymede* x. It was the 'sub-sacrist approaching in the discharge of some of his duties. 1843 CARLYLE *Past & Pr.* II. vi, Our Lord Abbot... made him 'Subsacristan. 1642 *Docq. Lett. Patent* (1837) 326 The Office of 'Subsearcher w<sup>th</sup> in the Porte of London. 1632 B. JONSON *Magn. Lady Dram. Pers.* Mr. Bias, A Vi-politique, or 'Sub-secretary. 1678 *Trial of Coleman* 42 A Sub-Secretary, that did write very many things for him. 1826 SCOTT *Diary* 16 Nov. in *Lochnart*, Five Cabinet Ministers... with sub-secretaries by the bushel. 1745 *Season. Adv. Proi.* 37 No Person shall be capable of acting as 'Subsheriff... who shall not have been a Protestant for five years immediately before such his acting. 1737 J. CHAMBERLAYNE *M. Brit. Notitia* II. 80 The Chief Office... Head Sorter. 'Sub-Sorters. 1876 GLADSTONE *Homeric Synchr.* 124 Under the supremacy of Troy and of Priam, Anchises their king, seems to have been a 'sub-sovereign. a 1713 BURNET *Own Time* (1766) I. 315 He had been his 'subtutor and had followed him in all his exile. 1744 T. BIRCH *R. Boyle* 69 Mr. Tallents... had been... sub-tutor to several sons of the Earl of Suffolk. 1706 PHILLIPS (ed. Kersey), 'Sub-Vicar, an Under-Vicar. 1600 W. WATSON *Decadent* (1602) 105 Master George Blackwell the new Archpriest of England: nay, the 'Sub-uicery rather of all the Isles of Albion.

(b) in derived adjs.; e.g. *subsecretarial* pertaining to a sub-secretary.

1898 B. GREGORY *Side Lights* 499 From his sub-secretarial desk he spoke on a case.

b. In the designation of corresponding offices or functions; e.g. *sub-administration*, *-commissaryship*, *-inspectorship*, etc.

1720 STEELE *Tatler* No. 193 P 3 The 'Sub-Administration of Stage Affairs. 1748 in Temple & Sheldon *Hist. Northfield* (1875) 273, I will... throw up my 'sub-commissaryship. 1876 SMILES *Sc. Nat.* xiii. 268 The 'subcuratorship could not be obtained. 1884 *Century Mag.* XXVIII. 134 One 'sub-inspectorship of factories. 1839 J. ROGERS *Antipapogr.* x. 53. 253 We read nothing in Holy Scripture about the 'submediation or the under-mediators. 1887 *Daily News* 1 Mar. 6/2 All the smaller 'sub-postmasterhips still continue to be in the gift of the Treasury. 1591 Acts *Privy Council* (1900) XXI. 105 The fee of the 'Subproctorship for one whole year. 1881 *Athenaeum* 15 Jan. 95/3 A 'sub-professoriate of twenty readers. 1764 Scott's *Bailey*, 'Sub-vicarship, the office of an under vicar.

7. Compounded with sbs., to express division into parts, sections, or branches.

a. of material objects or of immaterial or abstract entities; e.g. **substring** (STRING sb. 15 c), **-tree** (TREE sb. 6 b (e)), **-unit**, etc.; **sub-areolet**, a division of an areolet; **sub-cavity**, one of the smaller cavities into which a cavity is divided; **sub-channel Radio**, a distinct division of a channel or frequency band; **sub-folium**, a small or secondary folium; **subgrain**, a small grain contained within another grain in a metal; **sub-horizon**, a layer within an existing archaeological or soil horizon; **sublattice Physics**, a coextensive part of a fuller lattice, obtained by considering all the members having some property not possessed by the other members; **sub-shell Physics**, in an electron shell, the complete set of orbitals capable of being occupied by electrons of identical azimuthal quantum number l.

1854 DANA Crust. i. 192 From each lateral segment a small **subareolet** is separated anteriorly. 1899 Allbutt's Syst. Med. VII. 647 The cavity of the cranium is divided into two **subcavities** by the tentorium cerebelli. 1847-9 Todd's Cycl. Anat. IV. 1. 99/1 The cells... containing no **sub-cells** in their interiors. 1875 BRASH Ecl. Archit. Irel. 92 The chancel has a deep recess or **sub-chancel** at the east end. 1959 Wall St. Jnl. 30 June 1/4 Multiplexing... is a technique by which a radio station can divide its regular channels into **subchannels** and transmit two or more sound signals at the same time. 1970 J. EARL Turners & Amplifiers i. 24 Other features found in tuner-amplifiers... are automatic mono/stereo switching... a low-pass filter for reducing the stereo sub-channel noise when the aerial signal is not quite strong enough for noise-free stereo reception, [etc.]. 1889 Buck's Handbk. Med. Sci. VIII. 127 The exact number and form of the cerebellar folia and **subfolia** at birth. 1955 Phil. Mag. XLVI. 1343 Recent work... has shown that many of the dislocations left inside a metal after deformation are arranged along surfaces forming low angle boundaries between neighbouring regions of crystal, these latter being called **subgrains**, cells, or particles. 1975 Nature 10 Apr. 489/1 Granular xenoliths... show various strain effects, including undulose extinction... slip-planes, and subgrain development. 1928 Bull. Amer. Soil Survey Assoc. IX. 36 Other **sub-horizons** are designated as A<sub>1</sub>, A<sub>2</sub>, etc. 1973 P. A. COLINVAUX Introd. Ecol. iii. 45 (caption) There may be several subhorizons in each of the main horizons and roots may penetrate them all. 1883 Pall Mall Gaz. 25 Sept. 10/1 What he might call **sub-houses**, or a house within a house. 1847 MILTON Animado. Wks. 1851 III. 226 An individual cannot branch itself into **subindividuals**. 1959 W. F. DE JONO Gen. Crystallogr. II. 101 Either the direct lattice... is congruent (similar) with the elementary Bravais lattice, or one is a **sub-lattice** of the other. 1973 H. D. MEGAW Crystal Structures viii. 174 Physicists who are less used to describing any but very simple periodic structures... use the very misleading term 'sublattice' for a Bravais array. 1976 Physics Bull. July 204/2 In a crystal the atomic lattice can divide into two interpenetrating sublattices so that most, if not all, of the neighbours of an atom on one sublattice belong to the other. 1885 WATSON & BURBURY Math. The Electr. I. 237 The motions of the **submolecules**. 1898 Syd. Soc. Lex. **Subnucleus**, any one of the subdivisions into which a group of nerve-cells is divided by the passage through it of intersecting bundles. 1880 C. & F. DARWIN Movem. Pl. 223 The peduncle... bears three or four **sub-peduncles**. 1836-9 Todd's Cycl. Anat. II. 910/1 The pro-thorax... is composed of four **sub-segments**. 1930 RUARK & UREY Atoms, Molecules & Quanta ix. 272 The n, l, and s quantum numbers can still be assigned to individual electrons, and, therefore, the shells and **subshells** can be designated in terms of these numbers. 1959 G. THOMPSON Masses 161 We take as an example Cr<sup>3+</sup> which has 3 electrons in the unfilled outermost sub-shell. 1980 H. H. SIESSER et al. Chem. viii. 209 For electrons in s subshells, we find that the probability distribution... is independent of direction in space and varies only with distance from the nucleus. 1955 N. CHOMSKY Logical Struct. Linguistic Theory (microfilm, Mass. Inst. Technol.) vi. 20ab 2. differs from 2. only in that it contains a **substring** Y replacing the substring X of 2. 1966 D. G. HASS in Automatic Transl. of Lang. (NATO Summer School, Venice, 1962) 145 In natural languages, texts can be segmented into recurrent substrings. 1972 Computer Jnl. XV. 232/2 Each co-ordinate of T specifies a set to which a substring of A belongs. 1947 Proc. Camb. Philol. Soc. XLIII. 26 We call S a **subtree** of L if p(S) = 1 and p(S) = 0. 1972 R. J. WILSON Introd. to Graph Theory iv. 51 Let T<sub>1</sub>, ..., T<sub>k</sub> be the subtrees obtained from B by removing the vertex v and every edge incident to v. 1976 J. S. GRUBER Lexical Structures in Syntax & Semantics II. i. 219 Instead of writing the lexical attachment rules as transformations, we will write them as terminal subtrees. 1936 Economist 7 Mar. 530/1 The promoters buy specified blocks of securities and deposit them with named trustees, who issue an agreed number of **sub-unit certificates** against them. 1950 Cold Spring Harbor Symp. Quantitative Biol. XIV. 69/1 The phenomenon that the asymmetric unit in the crystal is a submultiple... of the molecular weights found in the ultracentrifuge, and... that exelatin... splits into 3n subunits. 1980 Times 15 Jan. 14 DNA is a long chain-like molecule composed of four different chemical subunits.

b. of a body or assembly of people, as in SUBCOMMITTEE, or of a division of animals or plants, as in SUBGENUS; e.g. **sub-caste**, **-clan**, **-clone** (also as vb. trans.), **-flight** (FLIGHT sb. 1 h), **-nation** (also **-nationalism**), **-unit**, **sub-band**, a division of a band; **sub-breed**, a breed of animals constituting a marked division of a principal breed.

1808 PIKE Sources Mississ. (1810) i. App. 60 A young man, Wyaganage, has recently taken the lead in all the councils and affairs of state of the sub-band. 1859 DARWIN Orig. Spec. iv. (1878) 87 The **sub breeds** of the tumbler pigeon. 1896 Daily News 7 Apr. 3/3 The east **sub-brood** supported by the west sub-brood. 1892 H. H. RISLEY Tribes & Castes Bengal i. 78 The Bauris are divided into the

following nine **sub-castes**. 1974 tr. Wertheim's Evolution & Revolution iii. 240 Even if a sub-group within a caste... has constituted itself as a separate sub-caste, such a collective step will generally imply a disruption of recognized family ties. 1954 **Subclan** [see PARAMOUNT a. 1 c]. 1961 Virology XIII. 160/2 **Subclones** showing the morphology characteristic of the superinfecting virus were plated for virus release. *Ibid.*, Clones showing the morphology characteristic of the original virus were subcloned. 1977 Jnl. Protazool. XXIV. 28/1 The plausible inference can be drawn that doublet and singlet subclones from a single source do not differ in the kinds of genes or of other molecules they contain. 1978 Nature 7 Dec. 579/2 We subcloned the mixed progeny of the cross. 1892 Educ. Rev. VII. 278 Every one of the **sub-conferences** claims for its group of subjects an educational value equal to that of every other. 1908 Westm. Gaz. 8 Aug. 2/1 One Council, with **sub-councils** corresponding roughly to the postal areas. 1877 LE CONTE Elem. Geol. (1879) 160 The fauna and flora of the United States are divided... into three **sub-faunas** and **sub-floras**. 1941 Hutchinson's Pictorial Hist. War 14 May-8 July 216/2 Dive-bombers usually approach at about eight thousand feet or so, and on arriving over the target break up into **sub-flights** of three. 1833 CHALMERS in Mem. (1851) III. 381 The discussions of the separate or **sub-meetings**. 1935 A. M. CARR-SAUNDERS in Huxley & Haddon We Europeans viii. 256 We might... contrast America with Europe, regarding the European nations as **sub-nations**, that is as communities with a lower degree of distinction. 1967 M. AYUB KHAN Friends not Masters x. 183 We will remain **sub-nations** if we do not join together to offer united resistance to power pressures. 1957 Economist 7 Sept. 739/2 This theoretically sensible policy ran up against the **sub-nationalism** of the local peoples. 1974 G. W. CHOUDHURY Last Days United Pakistan i. Emerging Bengali regionalism or sub-nationalism. 1860 MILL Rep. Gov. (1865) 115/2 Besides the controlling Council, or local **sub-Parliament**, local business has its executive department. 1888 Encycl. Brit. XXIII. 473/1 Each of these phratries is subdivided into two **subphratries**; and these subphratries are subdivided into an indefinite number of totem clans. 1888 *Ibid.* XXIV. 810/1 The main branchings [of a genealogical tree] were termed 'phylls', their branchings 'subphylls'. 1846 GROTE Greece ii. 11. II. 324 Twelve **sub-races**, out of the number which made up entire Hellas. 1894 W. WALKER Hist. Congreg. Ch. 209 With the two Edwardian divines... Emmons and Dwight... the New Divinity may be said to have divided into two **subschools**. 1844 SOUTHWELL Sir T. More (1831) I. 362 Every Sect and every **sub-sect** has its magazine. 1868 GLADSTONE Juv. Mundiv. iv. 12 A **sub-sept** of the Achaeans. 1798 in Nicolas Disp. (1845) III. 49 He divided his force into three **sub-squadrons**. 1882 A. MACPARRLANE Consanguinity 15 Each lineal ancestor forms a stock and his family breaks up into **sub-stocks**. 1879 in Willis & Clark Cambridge (1886) III. 226 The **sub-syndicate** are of opinion that it would be undesirable... 1970 Rec. Presby. Inverness (1896) 2 To renege the same [sc. names]... with the Moderator to the Bishops to y<sup>e</sup> for **Subsynode**. 1885 Athenaeum 28 Feb. 279/1 If the squadron is preferable to the troop as a **sub-unit**. a 1944 K. DOUGLAS Alamein to Zem Zem (1946) 13 He allotted me two tanks, as a troop, there not being enough on the squadron strength to make **sub-units** of more than two tanks.

(b) in derived adjs.; e.g. **subphratrie**, pertaining to a subphratry.

1977 Jnl. Commonwealth & Compar. Pol. XV. 236 In 1968 the 81 successful UNIP candidates included 24 politicians at **subnational** levels. 1887 J. G. FRAZER Totemism p. viii. **Subphratrie** and Phratrie Totems. 1896 W. MACKAY Rec. Presby. Inverness 45 Among the **subsynodical** refers read to-day.

c. of a region or an interval of time, as in SUB-DISTRICT; e.g. **sub-age**, a division of an age.

1878 LOCKYER Stargazing 2 The Telescopic age... divides itself naturally into some three or four **sub-ages** of extreme importance. 1926 British Gaz. 12 May 2/3 A service of corporation 'buses has been listed in the **sub-area** of Keighley. 1980 Amer. Speech 1976 LI. 235 The second map... shows the boundaries of twelve dialect areas and subareas of Scottish English. 1953 L. KUPER Living in Towns 304 Library books had been issued from **sub-centres** in local schools. 1977 Lancet 5 Nov. 946/1 The health centre and subcentres provided additional support. 1826 KIRBY & SP. Entom. IV. 485 [Latreille] proposes further to divide his climates into **subclimates**, by means of certain meridian lines. 1920 Geol. Förm. i. Stockholm Förm. XXXII. 114 (heading) Gothi- and Finnglacial **sub-epochs**. 1940 A. H. SUTTON in Bull. Geol. Soc. Amer. LI. 1402 Subepoch... **Suberies**. These terms as herein proposed are applicable to the first subdivisions of epochs and series respectively. 1867 G. F. CHAMBERS Astron. (1877) 23 The interval 11.117 being divided into two unequal **sub-intervals** of 4.777 and 6.347. 1962 D. R. COX Renewal Theory ii. 30 To obtain (s) from first principles, divide the time interval (O, t) into a large number k of small subintervals of length Δt, where kΔt = t. 1980 A. J. JONES Game Theory ii. 109 Then divide the interval [0, 1] into three equal subintervals. 1936 Discovery Oct. 329/1 Measles and certain skin affections... are the result of these **sub-phase mutations**. 1977 Antiquaries Jnl. LVII. 392 It is simply a **sub-phase** of one phase... of a conservative... coinage. 1898 Jnl. Sch. Geog. (U.S.) Oct. 286 The **sub-province** known as the Great Plains. 1852 GROTE Greece ii. lxxix. IX. 290 Each satrapy was divided into **sub-satrapies** or districts. 1909 Daily Chron. 29 June 4/6 Cleveland... stands with Holderness, Hallamshire, and Richmondshire as a **sub-shire** of Yorkshire. 1903 **Subzone** [see SECULE]. 1966 BENNING & WRIGHT Geol. Hist. Brit. Isl. ix. 113 The 6 goniatite stages called after goniatite genera... were formerly called **zones** but they are stages further divided into 16 **zones** (and many subzones).

d. of a branch leading from or into the main body, or a subordinate section of a business or system of affairs; = branch-; e.g. **sub-bureau**, a bureau depending on the principal bureau, **sub-cash**, a deposit of cash at a branch, **sub-office**, a branch office.

1896 Pop. Sci. Monthly Feb. 572 The bureau will be aided... by **sub-bureaus**. 1795 De Foe Consolidator Wks. 1840 IX. 354 They brought all their running cash into one bank,

and settled a **sub-cash**, depending upon the grand bank, in every province of the kingdom. 1909 Install. News III. 29/1 Where wood casing is desired to be used for the **sub-circuit**. 1892 Daily News 16 Sept. 5/4 A portion of the **sub-creek** referred to, now being converted into a peaceful fishpond. 1804 Edin. Rev. V. 16 The other [college] is to consist of **sub-departments**, one in each county. 1938 Times 13 Sept. 17/6 The opening of a further **sub-depot** for recruits at the air station at Dishforth, Yorks. 1976 Daily Mail (Hull) 30 Sept. 5/1 Councillors at Selby, concerned at the possibility of an Army Ordnance sub-depot being purchased by the Central Electricity Generating Board. 1958 W. STARK Sociol. Knowl. i. 31 The relation of the two **sub-disciplines** to each other. 1982 Sci. Amer. Nov. 52/1 Answers to these questions call for close collaboration among earth scientists from many subdisciplines. 1897 MARY KINGSLEY W. Africa 139 Stopping at little villages to land passengers or at little **sub-factories** to discharge cargo. 1902 W. JAMES Var. Relig. Exper. ix. 195 For them the soul is only a succession of fields of consciousness; yet there is found in each field a part, or **sub-field**, which figures as focal and... from which... the aim seems to be taken. 1964 GOULD & KOLB Dict. Soc. Sci. 110/2 Political behaviour has come to be regarded as a **sub-field**, within the social sciences. 1968 N. CHOMSKY Lang. & Mind ii. 24 Linguistics... is simply the subfield of psychology that deals with these aspects of mind. 1977 Dadaus Fall 59 These subfields have been codified and systematized in an attempt to bring them into closer relation with theoretical frameworks. 1844 H. STEPHENS Bk. Farm I. 564 Where **sub-mains** are employed in particular hollows, the ground comprehending the drainage belonging to each hollow should be distinctly marked off from the rest. *Ibid.*, A **sub-main** drain should be made along the lowest part of the hollow. 1907 Nature LXXVI. 554/2 The **submeter** system is free from the objection of first cost to a great extent. 1876 PREECE & SIVEWRIGHT Electr. 264 Every **sub-office** on a circuit is called by the head office at the hour of commencing work. 1881 Chicago Times 17 June, Regarding the formation of a pool, the report... recommends three **sub-pools**. 1901 Daily Chron. 27 Dec. 3/4 The Hammermith **sub-post** office. 1862 H. SPENCER First Princ. ii. xiv. §113 (1875) 324 The once independent **sub-sources** of Electricity, Magnetism, and Light. 1861 N. DAVIS Carthage 34 **Sub-sewers**, and other... unsightly objects. 1971 Optometry Today 15 Vision care needs of the ageing patient have virtually produced a **subspecialty** within the optometric profession: vision care of the ageing. 1980 Jnl. R. Soc. Med. LXXIII. 758/1 Between four and seven reviews within six subspecialties of medicine. 1963 Lancet 5 Jan. 42/2 Some of the **subspecialties** such as skins and eyes. 1961 Communications Assoc. Computing Machinery IV. 438/2 A request, by a task, to call in and execute a **subtask** causes... a new task (the subtask called) to be added to the task list, with the appropriate precedence and priority. 1971 New Society 26 Aug. 373/1 My first subtask is... to move the ramp... This sets up the subtask of computing the coordinates. 1982 Sci. Amer. Jan. 123/2 The several concurrent processes can be different subtasks of a single program. 1855 LEITCHILD Cornwall 89 Divided lengthwise into other **sub-veins**.

e. **Math.** Prefixed to sbs. to denote an entity which is contained in some similar entity, in that each of its elements is also an element of the latter and that it shares the characterizing properties of the latter, as **subalgebra**, **-field**, **-formation**, **-graph**, **-manifold**, **-matrix**, **-module**, **-object**, **-ring**. Also SUBGROUP b, SUBSEQUENCE<sup>2</sup>, SUBSET sb.<sup>2</sup>

1933 **Subalgebra** [see LATTICE sb. 5]. 1979 Proc. London Math. Soc. XXXVIII. 315 Let  $A_n$  be the closed subalgebra of  $L(H_n)$  generated by the operators  $T_1, \dots, T_n$  and set  $H$ . 1940 E. T. BELL Devel. Math. xi. 239 The final outcome may be roughly described as an analysis of the structure of fields with respect to their possible **subfields** and superfields. 1971 G. HIGMAN in Powell & Higman Finite Simple Groups vi. 209 Q(a) is the real subfield of the field of the 5-th roots of unity. 1966 tr. Gerich's Lattice Theory iv. 71 We shall show that the set of **sub-formations** of a formation... relative to a given axiom system... that satisfies a condition yet to be formulated forms a complete lattice. 1931 Proc. Nat. Acad. Sci. XVII. 125 A **subgraph** H of a graph G is a graph formed by dropping out arcs from G. 1979 PAGE & WILSON Introd. Computational Combinatorics iv. 76 Given a graph  $G = (P, L)$  then  $G' = (P', L')$  is a subgraph if P' is a subset of P and L' is a subset of L. 1963 H. FLANDERS Differential Forms v. 52 A manifold M is called a **sub-manifold** of a manifold N provided there is a one-to-one smooth mapping  $j: M \rightarrow N$  which has this... property. 1970 G. K. WOODGATE Elem. Atomic Struct. viii. 152 The matrix of H' which has to be diagonalized breaks up into **submatrices** of given M. 1980 A. J. JONES Game Theory iii. 149 There are nine  $2 \times 2$  submatrices obtained by deleting the  $i$ th row and  $j$ th column from A. 1965 J. J. ROTMAN Theory of Groups iv. 68 A subset W of the R-module V is a **submodule** of V in case it is a subgroup of V which is closed under scalar multiplication. 1981 Amer. Math. Monthly LXXXVIII. 53 Submodules of finitely generated free modules over a principal ideal domain are free and no more generators. 1965 **Subobject** [see PROPER a. 5 c (i)]. 1979 Proc. London Math. Soc. XXXVIII. 245 The subobjects of N<sup>\*</sup> in E which contain the point  $\alpha$  are in 1-1 correspondence with closed ideals of subsets of N. 1937. 1969 **Subring** [see IDEAL sb. 3].

f. With advb. force, combined with adjs. and vbs. = in a subordinate or secondary manner or capacity, by subsidiary means, as **sub-entire** vb., **functional** adj.

1822 COLERIDGE in Lit. Rem. (1836) I. 366 The real value of melody in a language is considerable as a **subadditive**. 1716 M. DAVIES Athen. Brit. II. 368 His Monarchia Dei is directed against the Heathens for subjoining and **sub-adoring** several essentially subdistinguish'd Deities. 1901 Daily News 20 Feb. 6/5 The Assiut dam will be subsidiary to that at Assuan, inasmuch as it is... to be used **sub-conjunctively** to that at Assuan. 1890 Academy 4 Jan. 7/3 Its anonymous author has **sub-entitled** this book 'A New Story by an Old Hand'. 1845 Poe in Amer. Whig Rev. II. 127/1 It is to be regretted that 'The Spanish Student' was

not sub-entitled 'A Dramatic Poem', rather than 'A Play'. 1897-8 *Amer. Jnl. Psych.* IX. 580 Pronunciation of an adjective... seems to 'subexcite' association tracts representing substantives. 1904 *Amer. Naturalist* Jan. 6 Hippoboscids of the middle Miocene with 'subfunctional' lateral digits... is an instance of arrested evolution. 1871 *EARLE Philol. Engl. Tongue* §464 The pronoun I... has... a sort of reflected or borrowed presentiveness;—what may be called a 'sub-preservative power'. 1828-9 BENTHAM *Offic. Apt. Maxim.*, On *Militia* (1830) 4 The united wisdom and eloquence of the ruling one and the 'sub-ruling few'.

9. (a) On the analogy of SUBDIVIDE and SUBDIVISION, sub- is used to denote a further division or distinction; e.g. sub-classify, sub-decimate, sub-articulation, -classification, -component, -hind; (b) on the analogy of SUBCONTRACT sb. and v., SUBINFEUDATION, SUBLET, to denote a second or further action or process of the same kind as that denoted by the radical; e.g. sub-colonize, to colonize from a colony, sub-infer, to draw as a further inference, sub-rent, to rent from one who himself rents; sub-derivative, a derivative of a derivative, sub-purchaser, one who purchases from a previous purchaser, sub-reformist, one who carries out a further reform, sub-vaccinee, one who is vaccinated with lymph from a vaccinated person; sub-secession, a secession from a body that has seceded. Also 'sub-carrier Telecommunication, a carrier wave used to modulate another carrier; 'sublevel Physics, each of a group of energy levels of an atom or nucleus which coincide under a coarse approximation or when some factor (as a magnetic field) is removed; 'subline Genetics, a variant arising in an inbred line and distinguished by a trait usu. inherited from a genetically impure ancestor; 'subpassage sb. Biol. and Med., the passage of a strain of micro-organisms cultivated in one animal through another, esp. to increase the virulence; also as v. trans.; hence 'subpassaging vbl. sb.; sub/satellite Astronautics, a satellite of a satellite; spec. a small artificial satellite released from another satellite or spacecraft; sub-'underwriter Econ., one who underwrites part of a liability (esp. a share issue) underwritten by another; so sub-'underwrite v. trans., sub-'underwriting vbl. sb.

1867 in *Farrar Ess. Lib. Educ.* 330 To imitate the copiousness and 'subarticulation of Cicero's periods. 1953 REED & RUSSELL *Ultra High Frequency Propagation* xi. 411 'Subcarrier modulation, wherein a subcarrier spaced in the order of 10 kc from the highest modulating frequency is modulated with the desired intelligence, would provide all desired carrier amplitude variations at frequencies much in excess of any presently conceivable lobe modulation frequency. 1976 *Whitch* Sept. 204/1 We measured how well the sets filtered from the audio output... the 38Hz sub-carrier frequencies—parts of the complex signal that tell the tuner that a stereo programme is being broadcast. 1873 M. DEWEY in G. Dawe *Melvil Dewey* (1932) 320 Sub-classify each, or any, of these eighty-one (hundred) classes... A Dictionary of Science would receive no 'sub-classification but remain simply with main class number. 1894 in 37th *Rep. Columb. Inst. Deaf & Dumb* (1895) 9 We are required to have subclassifications by which we may know the... specialized work to which it devotes itself. 1897 *Daily News* 16 Mar. 2/2 Abolition of sub-classification is recommended. 1873 'Sub-classify [see sub-classification above]. 1909 *Daily Chron.* 3 June 3/3 If you sub-classify 55,000 Germans into men, women and children. 1820 *C. Rev.* XXIII. 73 A dependency upon that colony, from which it was 'sub-colonized. 1965 N. CHOMSKY *Aspects* *Theory Syntax* i. 17 The syntactic component of a generative grammar contains a transformational 'subcomponent'. 1973 L. L. & J. M. CONSTANTINE *Group Marriage* xviii. 99 In the interpersonal dimension, we identified two subcomponents. 1704 J. MACMILLAN *True Narr.* in H. M. B. Reid *Camer. Apost.* (1806) 236 They draw a 'sub-consequence, which is this, that it was contrar the protest and agreement. 1664 *POWER Exp. Philos.* Pref. 12 All the fixed lights of Heaven are generally concluded to be pure Fire, and so consequently fluid also, and then 'sub-consequently in motion also. 1896 *Allbutt's Syst. Med.* I. 719 Large colonies [of bacteria] on 'sub-cultivation will frequently appear as small ones. 1736 BAILEY (folio) Pref., To 'Subdecimate... to divide into tenths... as 10 thousand into Hundredths. 1845 JOWETT *Let. to B. C. Brodie* 28 Mar., [Rome] has defined, and 'sub-defined, and deduced, and 'subdeduced. 1856 R. A. VAUGHAN *Mystic* (1860) I. vi. 209 Every definition and 'sub-definition would be open to some doubt. 1884 *Law Rep.* 3 Q.B. Div. 466 Long leaseholds, which he had mortgaged by 'sub-demise. 1880 *Westm. & Chelsea News* 2 Oct. Advt., A shop and Dwelling House... held for a term of 99 years, and 'subdemised at £80 per annum. 1614 *RALEIGH Hist. World* i. 142 For these 'subderivations [of the Turks] it were infinite to examine them. 1834 H. N. COLERIDGE *Grk. Poets* (ed. 2) 9 The modern derivative will, at some stage or other of its history, have been treated as an original substantive word... and associations connected only with its primary modern senses will have given birth to 'sub-derivatives from it. a 1661 FULLER *Worthies, Wiltshire* (1662) III. 150 Succeeding Princes, following this pattern, have 'sub-diminished their coin ever since. 1823 BENTHAM *Not Paul* 371 The name and person of his own 'sub-disciple Apollon. 1643 J. M. Sov. *Salve* 26 To let in a deluge of foreign forces and so yet further 'subduct the remnant. 1662 PETTY *Taxes* 13 How many retailers are needful to make the 'subdistributions into every village of this nation. a 1676 HALE *Prim. Orig. Man.* II. iv. (1677) 157 And

possibly these variously 'subdiversified according to the phantasy of the Artificer. 1863 READE *Hard Cash* III. 74 What on earth was left for poor Dr. Wolf to do? Could he 'sub-embezzle a Highlander's breeks? 1652 *Observe. touching Forms Govt.* 38 Constrained to epitomize, and 'subepitomize themselves so long till at last they crumble away into the atomies of Monarchie. 1666 *Lond. Gaz.* No. 42/2 The Farmers of his Majesties Revenue of the Heath-Duty, intending to 'Sub-Farm several Counties. 1764 GIBSON *Misc. Wks.* (1814) III. 224 The lands were perhaps subfarmed by individuals. 1658 in *Dom. State Papers* 321 For seizure made by the 'sub-farmers. 1857 BUCKLE *Civiliz.* I. ix. 568 The great lords having granted lands on condition of fealty and other services to certain persons, these last 'subgranted them. 1885 *Law Rep.* 28 *Chanc. Div.* 121 An agreement of 'sub-guarantee by which the signatories guaranteed the signatories of the original guarantee against loss. 1889 W. RYE *Cromer* 32 The 'subholding created by Richard de Berningham. a 1656 Bp. HALL *Rem. Wks.* (1660) 409 From the force then of this relation it is easily 'subinferred that it is not lawful for Christian Churches... to forsake the communion of each other. 1905 *British Medical Journal* 27 May 1141 The injection in small amounts will not serve to infect the 'subinoculated animal. 1843 *MILL Logic* II. III. xxiii. 135 Examining every known 'sub-kind included in the larger kind. 1968 *Listener* 4 July 6/1 The campus novel, a literary sub-kind that has languished these last years, is surely in for a revival now that dons have had the heady experience of being news. 1963 G. THORP *Masters & Lasers* (ed. 4) 183 Paramagnetic resonance is usually observed between 'sub-levels of the term having various energy. 1971 *Sci. Amer.* Oct. 91/2 In a nonuniform [electrostatic] field such nuclei will exhibit energy levels that are split into a number of sublevels corresponding to the number of allowed orientations of the nucleus. 1948 *Jnl. Genetics* XLIX. 92 A tumour arising in one 'subline would be foreign, to some degree at least, to another subline. 1981 *Nature* 19 Feb. 626/1 Many of the major sublines of common inbred strains [of mice]... have arisen as a result of genetic contamination in the past. 1902 *Daily Chron.* 26 Nov. 6/6 The final 'sub-lodger was squeezed out upon the landing for his sleeping-place. 1884 *Law Times* 29 Nov. 80/1 The mortgagees in fee of an hotel 'sub-mortgaged to their bankers in 1879. 1883 *Law Times Rep.* (N.S.) XLIX. 556/1 The defendants last added are 'sub-mortgagees of the trustee. 1872 E. W. ROBERTSON *Hist. Ess.* 242 The client of that age was apparently a 'sub-occupier of public land under his Patronus. 1934 *WEINSTEIN*, 'Subpassage, sb. 1947 *Ann. Rev. Microbiol.* 1. 19 Pneumococci... maintained by rapid subpassage through... 1970 B. G. F. WERTZ in H. W. Mulligan *African Trypanosomiasis* vi. 114 Variants sometimes reverted to a 'parent' antigenic strain type when rodent subpassage was prolonged. 1969 *Parasitology* LIX. 352 Parasites isolated from the parasitaemia... were 'subpassaged at 4-day intervals. 1978 *Nature* 14 Sept. 132/2 Tumours have been serially subpassaged 3 x to date. 1970 *Ibid.* 12 Dec. 1061/1 Lincicome has shown that in calorically restricted mice the number of hosts that developed maximal infections and the intensity of the parasitaemia are increased by 'subpassaging. 1866 *Law Rep.* 1 Q.B. Cases 589 On his seeking to get the pawn back from an insolvent 'sub-pawnee. *Ibid.*, If the pawnee may repledge the pawn, the 'sub-pledgee may do the same, and so on ad infinitum. 1755 *Genil. Mag.* XXV. 354 They have successively come into the hands of many 'sub-prioriters. 1855 HYDE CLARKE *Diet.*, 'Sub-purchaser. 1643 SIR T. BROWNE *Relig. Med.* 1. 54 The Church of Rome condemneth us, we likewise them; the 'Sub-reformists and Sectaries sentence the Doctrine of our Church as damnable [etc.]. 1826 *Bell. Comm. Law Scot.* i. 67 Possession of the house. 1902 R. BAGOT *Donna Diana* ii. 13 An apartment he had 'sub-letted from a wealthy American widow. 1897 *Advance* (Chicago) 24 June 813/1, \$500 of income from 'sub-rental. 1849 *HOOKER Himal. Jnl.* (1854) I. xvii. 388 Through the medium of several 'sub-renting classes. 1894 J. J. ASTOR *Journey in Other Worlds* II. i. 126 There will be no danger from meteors or 'sub-satellites here... for anything revolving about the moon at this distance would be caught by the earth. 1956 *Time* (Canadian ed.) 24 Dec. 53/1 The inflated sub-satellite is a balloon of Mylar plastic 0.035 in. thick covered with an aluminium film 0.006 in. thick. 1978 *Nature* 5 Oct. 430/1 We have attempted... to interpret lunar palaeomagnetism as observed... in widespread crustal magnetic anomalies mapped by magnetometers on Explorer 35 and the Apollo 15 and 16 sub-satellites. 1880 BURTON *Reign Q. Anne* I. ii. 66 'Sub-secessions from the successive seceding bodies. 1680 ALLEN *Faith & Unity* Pref. 80 These secessions admit 'sub-secessions. 1894 *Daily Tribune* (N.Y.) 5 July, In part of the cities is administration 'sub-sold to confederated crime and to blackmarket business. 1895 *Pop. Sci. Monthly* Apr. 767 A 'subspecialized descendant of an ancient generalized group. 1846 D. KING *Lord's Supper* vii. 214 An endless splitting and 'subsplitting of distinctions. 1897 MARY KINGSLEY *W. Africa* 393 These native 'sub-traders have very risky lives of it. 1900 *Century Mag.* LIX. 493/2 The minister of the interior... whose touches thrill by evolution and 'subtransmission throughout the mighty system. 1935 *Economist* 13 July 65/1 He did, however, 'sub-underwrite the issue, which was discussed with him previous to the date of the prospectus. 1959 *Ibid.* 18 Apr. 256/1 The 'sub-underwriters get 1 per cent of the amount they have underwritten. 1982 *Daily Tel.* 6 Mar. 1/7 A large proportion... is paid out to other financial institutions, called sub-underwriters. 1955 *Times* 11 July 14/1 Firm applications... have already been received... for 300,000 shares on 'sub-underwriting terms. 1981 *Times* 8 Jan. 11/3 Brokers to the issue... completed the subunderwriting of the issue yesterday afternoon. 1897 *Allbutt's Syst. Med.* II. 592 All the 'sub-vaccinees of the vaccinator (who himself subsequently suffered from crysipelas) did not suffer from crysipelas. 1873 *Routledge's Young Gentl. Mag.* 85 'Sub-variation on White's thirteenth move.

10. Math. Compounded with adjs. expressing ratio, sub- denotes a ratio the opposite of that expressed by the radical element, as in L. subduplus SUBDUPE, subtripplus SUBTRIPLE, late L. submultiplus SUBMULTIPLE; e.g. subdecuple = denoting the ratio 1 : 10, † subdouble = SUBDUPE, † submultitripartient = 1 : 9, i.e.

8 : 75, subsequeptial = 3 : 4, subsuperparticular, etc. Analogously, in SUBDUPLICATE, etc. the prefix is employed to express the ratio of the square (etc.) roots of quantities; but these compounds have been sometimes erroneously used for subdupe, etc. (cf. quot. 1657 below).

This use is modelled (in late L.) on that of Gr. *υπο-*, as in *υποδιπλασιος*, late L. *subduplus*. Ratios of this kind were called *υπολογος*, the opposite *πρόλογος*, *υπο-* app. expressing the notion of 'proportion of lesser inequality'. (Another arithmetical use of the Greek and Latin prefixes is unrepresented in Eng.; viz. that exemplified in *υποτρίτος*, L. *subtertius*, lit. 'a third less', i.e. denoting a ratio 1 : 2, i.e. 2 : 3.)

1570 BILLINGSLEY *Euclid* 128 Comparing the lesser quantitate to the greater, it [sc. proportion] is called submultiplex, subsuperparticular, subsuperpartient, submultiplex superparticular, and submultiplex superpartient. 1648 WILKINS *Math. Magic* i. vii. 47 As one of these under Pulleys doth abate half of that heaviness which the weight hath in it self, and cause the power to be in a sub-duple proportion unto it, so two of them do abate half of that which remains, and cause a subquaduple proportion between the weight and the power; three of them a subsextuple, four a sub-octuple. *Ibid.* 50 If unto this lower Pulley there were added another, then the power would be unto the weight in a subquintuple proportion. If a third, a subseptuple. 1652 URBAN *fewel* 288 It would bear the analogy... of a subnovitripartient eighth; that is to say... the whole being the Dividend, and my Nomenclature the Divisor, the quotient would be nine, with a fraction of three eights; or yet more clearly, as the Proportion of 72. to 675. 1653 H. MORRIS *Antid. Ath.* i. vi. §4 (1712) 19 The Notion of Sub-double, which accrued to that Lead which had half cut away. 1657 HOBBS *Abstr. Geom.* Wks. 1845 VII. 375 It is but subquaduplicate, as you call it, or the quarter of it, as I call it. 1674 *JEAKE Arith.* (1696) 209 As the Series of the Numbers from the Units place are continued in a decuple proportion... so their value decreaseth in a subdecuple proportion. a 1696 SCARBURGH *Euclid* (1705) 181 The proportion is Subsuperparticular, and named Subsequalateral, which is thus noted †. *Ibid.*, Subsuperpartient, as 5 to 8, or † is subsupertriquantal; and 10 to 14, or † is Subsuperbiquantal. 1709-29 V. MANDEY *Syst. Math.*, *Arith.* 37 Proportion Subduplex, Subtriple, Sub-aequalateral, Subsuperpartient. 1728 CHAMBERS *Cycl.* s.v. Ratio, 3 to 2 is in a Sequialterate Ratio; 2 to 3 in a Subsequalterate. 1732 B. ROBINSON *Anim. Oecon.* 267 The simple and subquadruplicate Ratios of these Lengths. 1795 T. MAURICE *Hindustan* (1820) L. ii. 75 The length of human life is diminished... in a subdecuple ratio.

III. Next below; near or close (to); subsequent (to). (As a living prefix sub- is restricted in this sense to prepositional uses: the advb. use is seen in SUBSEQUENT.)

11. Near to (a particular region or point), as in L. suburbanus SUBURBAN; e.g. SUB-BASAL, SUBDORSAL, SUB-LITTORAL, SUBMARGINAL.

Such words are often capable of another analysis (see 21 d).

12. Geog. and Geol. a. Lying about the base of or subjacent to mountains designated by the second element, hence, of less height than mountains of similar height to these, characteristic of regions of such altitude, as L. subalpinus SUBALPINE; e.g. sub-Andean, -Andine, SUBAPENNINE, sub-Ethiopian, sub-Himalayan. Hence in the name of a district, e.g. sub-Himalayas.

1875 *Encycl. Brit.* III. 744 The fourth and last Subregion of South America, may be most fitly named the 'Subandean. 1885 *Linn. Soc. Jnl.*, Bot. XXII. 6 A 'subandine as well as an andine zone. 1833 LYELL *Princ. Geol.* III. 76 The marine 'sub-Ethiopian beds. 1867 'Sub-Himalayan [see SHIRPA 1]. 1950 ANSTED *Elem. Geol. Min.*, etc. 358 The formations composing the Sewalik hills, which have sometimes been called the Sub-Himalayas. 1851 *Jnl. R. Geog. Soc.* XXI. 59 The Siwalik or sub-Himalayan range. 1851 MANTALL *Petrifications* v. §1. 413 Bones of mammalia from the 'Sub-Himalayas. 1883 *Proc. R. Geog. Soc.* V. 617 The tertiary of the Sub-Himalayas.

b. Denoting a region or zone adjacent to or on the borders of that designated by the second element; e.g. subantarctic, -equatorial (also fig.), -frigid, -torrid.

1875 *Encycl. Brit.* III. 745 *Spheniscidae*, a family limited to the Antarctic or 'Subantarctic Ocean. 1909 (title) The Subantarctic islands of New Zealand. 1880 *DANA Man. Geol.* (ed. 3) 609 The corresponding zones in latitude... are 1. Equatorial, Lat. 0°-15°... 6. 'Subarctic, 58°-66°. 1895 *Forum* June 468 There was once a widespread delusion in the 'sub-arid belt... that rainfall follows the plough. 1909 *Wessner*, 'Subequatorial. 1935 H. H. BASHFORD *Loadings for Tugboats*, 108 Apart from the excitement incident to the relief of Ladyship and Mafeking, the Boer War—at any rate to the average undergrader—was a sub-equatorial and not very important affair. 1977 *Sci. Amer.* Apr. 106/2 This is the earliest-known evidence of metallurgy in the entire subequatorial region. 1854 *DANA Crust.* II. 1473 Its southern portion... appears to pertain... to the 'Subfrigid [Region]. 1896 *Yearbk. U.S. Dept. Agric.* 631 The 'subhumid region. 1852 HENFREY *Veget. Eur.* 103 The regions which may be distinguished on the West side of the Scandinavian Alps are:—1. The Maritime region; 2. The 'Subsylvatic region; 3. The Subalpine region; and 4. The Alpine region. 1854 *DANA Crust.* II. 1510 The genus *Porcellana* has but two-thirds as many species in the temperate as in the torrid zone. Yet the 'sub-temperate region contains but one less than the 'subtorrid.

13. Mus. Designating a note next to or next below some principal note, as in med.L.

*subprincipalis* SUBPRINCIPAL; e.g. SUBTONIC. (Cf. 4.)

14. a. Combined with adjs. (and in derived adverbs) with the sense 'of lower condition or degree (or size) than' or 'numerically less than' that denoted by the original adj.; e.g. Also (U.S.) in adjs. expressing an inferior educational status, as *sub-angelical*, *-divine*, *-fresh* (also *-freshman*), *-judicial*, *-literary*, *-maximal*, *-military*, *-molecular*, *-morphemic*, *-optimal* (hence *-optimally*), *-optimum*, *-phonemic* (hence *-phonemically*), *-primary*, *-regal*, *sub-bituminous* a. *Geol.*, (of coal) of inferior quality to bituminous; intermediate in rank between bituminous coal and lignite; *subcellular* a. *Biol.*, smaller than a cell; occurring inside a cell; *subcompact* a. *U.S.*, designating a car which is smaller than a compact one (see *COMPACT* ppl. a. II. 1 b); also *absol.* as sb.; *subfreezing* a., designating or characterized by a temperature lower than the freezing-point of water; *subluminal* a. [*L. lumen, lumin-* light], having or being a speed less than that of light.

This sense tends to blend with 19.  
1652 BENLOWES *Theoph.* Pref., Man... is of all Creatures  
\*sub-angelical the Almighty's Masterpiece. 1908 *Econ. Geol.* III. 136 The term "sub-bituminous" was recommended and formally adopted by the [U.S. Geological] survey for all official publications. 1949 F. J. PETTIBONE *Sedimentary Rocks* xii. 366 Subbituminous, semibituminous, and semianthracite coals are transitional coal types. 1979 B. L. C. JOHNSON *Pakistan* xi. 161/1 The estimates of reserves of Lower Tertiary lignite to sub-bituminous coal range between 449 and 478 million tonnes. 1608 HIERON *De fide* ii. 83 These may be called conformable to the Canonical or subcanonical. 1933 *New Biol.* XV. 120 There are too many examples in which patterns arise... within single cells (and thus demand a theory dealing in "sub-cellular units"). 1964 G. H. HAGGIS et al. *Introd. Molecular Biol.* ii. 20 Some enzymes are localized in certain sub-cellular structures. 1978 *Sci. Amer.* Dec. 68/2 Myoglobin combines with the oxygen released by red cells, stores it and transports it to the subcellular organelles called mitochondria. 1967 *Wall St. Jnl.* 24 Feb. 1/1 AMC [the American Motors Corporation] also is thinking of building a "subcompact" car that would compete directly in size and price with Volkswagen. 1971 *Flying Apr.* 68/2 (Adv.), A different-looking subcompact with the spirit of a sporty car. 1980 *Times* 12 Dec. 24/3 Chrysler extended the close-cloven of its Belvedere, Illinois, assembly plant, which makes subcompact cars. 1810 DONNE *Pseudo-martyr* 185 Not know we whether they will please Diuine Law, that in places of Scripture, or "Sub diuine Law, which is interpretation of Fathers. 1652 BR. HALL *Invis. World* i. 52 O ye glorious Spirits... he that made you hath given you some little glimpse of your subdiuine nature. 1958 *N. Y. Times* 15 Dec. 2/6 The Weather Bureau warned that "subfreezing temperatures would continue today. 1979 *P. THOROUX Old Patagonian Express* iii. 51 Two feet of snow in Boston. Chaos and death. Power cuts in sub-freezing weather. 1893 *Congregationalist* (Boston) 21 Sept., Enrollment as freshmen or "sub-fresh" in the City College. 1966 *Living Topics Cyl.* (N.Y.) II. 204 Classical, scientific and mechanical "sub-freshman classes. 1808 BENTHAM *Sc. Reform* 67 All other persons who bear any part in the cause:—Judge, "sub-judicial officers, parties. 1874 SWINBURNE *Under Microscope* 79 "Ah, my lord... says the jackal to the lion... observe how all other living creatures belong but to some "sub-leonine class". 1952 *New World Writing* Apr. 234 Even aficionados of murder fiction will concede that the hands of a few writers it has been a "sub-literary product" characters unreal, dialogue artificial, plots highly improbable. 1980 *Jnl. R. Soc. Arts* Apr. 302/1 He illuminates... this curious sub-literary genre in such a way that even serious students gain a profitable exposure to materials not often considered in length. 1969 *Physics Today* May 45/3 Particles traveling at "subluminal and those traveling at luminal velocities are two entirely distinct kinds of objects. 1980 *Sci. Amer.* Aug. 76/2 The expansion that appears from the earth to be superluminal would be relativistic but still subluminal when measured by the slower clocks of the source itself. 1890 W. JAMES *Princ. Psychol.* I. 235 "Submaximal nerve-irritations. 1880 A. FLINT *Princ. Med.* 194 The ultimate "subiliary granula coalesce to make... nodules. 1896 *Allbutt's Syst. Med.* I. 560 The body can resist the action of "subminimal doses of living bacteria. 1890 *Syd. Soc. Lex.* Subminimal stimulus, a stimulus which is not strong enough to produce any obvious effect. 1935 *Discovery* Dec. 353/1 Raindrops may form on "sub-molecular electrically-charged units, or ions. 1964 G. H. HAGGIS et al. *Introd. Molecular Biol.* 338 Study of the mechanism of enzyme action in a sense submolecular biology. 1947 C. F. HOCKETT in *Language* XXIII. 321 A scholar deciphering a dead language written in a non-phonetic or semi-phonetic orthography, may achieve good control of the tactics and semantics of the language, but remain in almost total ignorance of anything "sub-morphemic. 1964 E. A. NIDA *Toward Sci. Transl.* iii. 41 Certain submorphemic elements can also be recognized, e.g. the sound symbolism of *ush* in *gush*, *flush*, *blush*, *slush* and *mush*. 1901 *Amer. Jnl. Physiol.* IV. 477 If the stimulation is "sub-optimal, the animal will seek the source of light. 1980 *Sci. Amer.* Sept. 134/1 On the whole, however, India remains a case of stunted, suboptimal growth, burdened as it is with the world's largest single national mass of poverty and unemployment. 1901 *Amer. Jnl. Physiol.* IV. 478 The supra-optimally stimulated organism moves toward the source, the "sub-optimally stimulated one moves toward the source, of light. 1958 *Times Rev. Industry* Sept. (London & Cambridge Economic Bull.) p. iii/1 A larger labour force... had to be... deployed sub-optimally. 1937 *Ann. Reg.* 1936 59 Attention was given to the social importance of nutrition due to the realization that "sub-optimum nutrition is common and widespread. 1950 Suboptimum [see LINCOLNATE]. 1935 *Language* XI. 102 A "sub-phonemic variation which the observer himself

uses will generally escape his notice. 1969 *Archivum Linguisticum* 1965 XVII. 109 By no means all subphonemic changes eventually become phonemic. 1981 *Amer. Speech* 1977 LII. 171 Along the Atlantic seaboard, subphonemic vowel differences are common. 1955 C. F. HOCKETT *Man. Phonol.* 160 The worker who sets up fewer 'phonemes' must cover less "subphonemically" but correspondingly more "super-phonemically". 1998 *Advance* (Chicago) 17 Feb. 206/2 The institution has never had a "sub-preparatory department, as several of the young colleges have. 1895 *Proc. 14th Conn. Instr. Deaf* 203 In "subprimary work there is surely an interesting field for the constructive talent. 1810 *LAMB Let. to T. Manning* 2 Jan., The ordinary titles of "sub-regal dignity. 1878 H. M. STANLEY *Dark Conl.* I. xv. 300 His sub-regal court. 1907 *Nature* LXXVI. 146/1 "Subthermal baths, given at temperatures below blood heat. b. Similarly combined with sbc. (forming words used chiefly attrib.), as *sub-cabinet* (chiefly U.S.), *-microgram*, *-proletariat*, *-threshold*, *-zero*; *sub/millimetre* a., less than a millimetre in size or length; pertaining to or employing electromagnetic waves of such a length; also *submillimetric* a.

1956 R. J. DONOVAN *Eisenhower* v. 66 Almost as soon as the Cabinet rises each week, Rabb meets with a group of "sub-Cabinet officers. 1974 P. GORE-BOOTH *With Great Truth & Respect* 389 The process of an important and difficult decision is remarkable... It passes through a hierarchy or a sort of sub-cabinet or both. 1981 *Economist* 24 Jan. 24/3 Lower appointments to sub-cabinet jobs are still being made and will be for some weeks. 1965 PHILLIPS & WILLIAMS *Inorg. Chem.* I. xvi. 576 Work on natural polonium has been limited to the "sub-microgram scale. 1978 *Nature* 10 June 454/1 Gibberellins are amongst the most potent of the naturally occurring plant growth regulators and exert maximal activity in most tissues when present in sub-microgram quantities. 1955 *Jnl. Appl. Phys.* XXVI. 1384/1 "Submillimetre radiation was produced when a pulsed, bunched high-energy electron beam was passed through a simple rectangular wave guide. 1973 *Phys. Bull.* May 305/3 Submillimetre spectroscopy, or far infrared spectroscopy as it is more frequently termed, is a field in which there has been much activity during the last 15 years. 1976 *Sci. Amer.* June 127/1 All one had to do was to drop his view to the submillimetre level, where little creatures abound that are still new to science. 1975 *Nature* 6 Mar. 39/2 The mystery of the "submillimetric limb brightening [of the sun]. 1958 *Listener* 30 Jan. 186/1 Today the population of the delta belongs to the class which, I believe, sociologists call the rural "sub-proletariat. They are landless or almost landless peasants who seek casual employment in agriculture or anything that comes along. 1974 M. B. BROWN *Economics of Imperialism* iv. 87 Nor can we overlook the role of migrant labour as a "sub-proletariat in Europe today. 1979 *Dadalus* Spring 105 The institutionalization of a subproletariat, and the creation of ethnic ghettos in the large urban areas are examples of the changes taking place. 1937 BEST & TAYLOR *Physiol. Basis Med. Practice* lxiii. 1225 If a second stimulus also of "subthreshold strength... be sent into the nerve an impulse is set up. 1976 *Ann. Rev. Microbiol.* XXX. 234 Negative chemotaxis appears to be largely an all-or-none response to a threshold concentration, but weaker effects caused by prolonged exposure to subthreshold concentrations probably also occur. 1942 O. NAST *Face is Familiar* 137 And nobody is prompter in the face of hell, high water, and "sub-zero thermometer. 1980 R. McCrum *In Secret Place* xii. 113 He's having a sub-zero feud with Hayter.

c. Compounded with a further prefix, as *sub-micro-Chem.*, involving amounts less than those typical of microanalysis; also used as an independent word.

1945 *Jnl. Biol. Chem.* CLXII. 589 In order to estimate the P content of these solutions, a "submicroprocedure... having a range of 0.2 to 3 γ of P was employed. 1964 N. G. CLARK *Mod. Org. Chem.* xxiv. 496 The isolation of minute quantities of material from biological sources has necessitated even greater refinements, so that sub-micro techniques (requiring 30–50 μg) have been developed during recent years. 1974 [see MICRO-8 b].

15. Zool. In names of divisions of animals regarded as having only imperfectly developed the characteristics denoted by the word to which *sub-* is prefixed, as *Subgallatores*, *Submytilacea*, *Subungulata*. English derivatives have been occas. formed; e.g. *subostracean*, a mollusc of the family *Subostracea*; *subplantigrade*, of or resembling the group *Subplantigrada*, not quite plantigrade.

1836 *Penny Cycl.* v. 313/2 [De Blainville] allows that these last ought to form a distinct genus of the family of "Sub-ostraceans. 1883 *Encycl. Brit.* XV. 434 The greater number of the Carnivora... may be called "subplantigrade", often when at rest applying the whole of the sole to the ground.

16. In craniometry, forming adjs. designating a type of skull having an index next below that of the type denoted by the second element; e.g. *subbrachycephalic*, *-ous* (hence *-cephaly*), *subdolichocephalic*, *-ous* (hence *-cephalism*).

These terms are based on Broca's classification, who used the L. forms (masc. pl.) *subbrachycephali*, *-dolichocephali*. 1863-4 THURNAM in *Mem. Anthropol. Soc.* I. 461 With M. Broca, it is desirable to admit a "sub-dolichocephalic and a "sub-brachycephalic class [of skulls]. *Ibid.* 510 Only about half [the skulls] are brachycephalous or "sub-brachycephalous. 1878 BARTLEY tr. *Topinard's Anthropol.* II. xii. 499 Low stature, woolly hair, black skin, and "sub-brachycephaly. 1895 *Smithsonian Rep.* I. 515 His cephalic index falls down to "subdolichocephalic. 1896 KRANE *Ethnol.* xii. 321 The shape of the head... is... here and there mesocephalous and even "sub-dolichocephalous. 1890 BILLINGS *Nat. Med. Dict.* "Sub-mesiocephalic, having a cephalic index of 75 or 76. 1890 H. ELLIS *Criminal* iii. 52 Out of thirty criminals eight presented brains and skulls of

a. capacity only found in "submicrocephalic subjects. 1863-4 THURNAM in *Mem. Anthropol. Soc.* I. 473 All these crania are very dolichocephalous. The first... is a remarkable specimen of synostosis... The form is "sub-aciphocephalic.

17. In the names of certain sectaries, = after, consequent upon, the opposite of SUPRA- (q.v.); e.g. *SUBLAPSARIAN*, *SUBMORTUARIAN*.

18. In designations of periods immediately 'below' or posterior to a particular period, as in *sub-neolithic* (also fig.), *-Roman* adjs.; *SUBAPOSTOLIC*.

1910 *Encycl. Brit.* (ed. 11) XII. 59 The following stages in the glaciation of North America... The Aftonian (1st interglacial). The "sub-Aftonian or Jerseyan (1st glacial). 1902 *Encycl. Brit.* XXXI. 57 [Bugellanne] is found everywhere in the area, made of various local clays, and it long survived into the 'Geometric' or "sub-Mycenaean period. 1905 A. J. EVANS in *Ann. Brit. School at Athens* X. 22 This stratum, to which the name 'Early Minoan I.' may be conveniently applied, shows naturally a greater survival of Neolithic elements... In its general complexion indeed it may be described as "Sub-Neolithic. 1956 E. E. CUMMINGS *Let. 11 Mar.* (1966) 248 Good Freudians were quick to suggest that my superego suffers from sub-neolithic trends. 1962 H. R. LOYN *Anglo-Saxon England* i. 39 Wheel-made pottery of "sub-Roman character. 1977 *History* LXII. 175 We cannot, however, expect that these works will ever provide information about the sub-Roman centuries.

IV. Incomplete(ly), imperfect(ly), partial(ly). \*with adverbial meaning.

19. a. Prefixed to adjs. or pples. of a general character, as in L. *subabsurdus* somewhat absurd, *subobscurus* SUBOBSURE; e.g. *subanalogous*, somewhat similar; also *sub-historical*, *-literary*, *-mature*, *-moral*, *-solid* adjs. (The precise force of *sub-* may vary contextually from 'only slightly' to 'not quite, all but'.) *subeconomic* a., not justifiable on purely economic grounds; *subinhibitory* a., (of a dose of a drug, chemical, etc.) enough to hinder but not prevent microbial growth; *subluminous* a., dim; *spec. in Astr.*, of less luminosity than the normal; *subsexual* a. *Genetics*, characterized by or being a form of parthenogenetic reproduction in which the first division of meiosis occurs, with crossing-over, but not the second (reduction) division; *subsocial* a. *Biol.*, applied to species of spiders or insects that live gregariously but without a fixed social organization; *subvocal* a., designating an unarticulated level of speech comparable to thought; hence *subvocally* adv.

1870 LOWELL *Study Wind* 201 A thimbleful of... "subacidulous Hock. 1767 *Phil. Trans.* LVII. 417 Little seeds "subanalogous, or somewhat resembling those we find in the fructification of the Fucus? 1884 A. LANG *Culture & Myth* 236 A "sub-barbaric society—say that of Zululand. 1668 H. MORE *Div. Dial.* i. xxviii. I. 160 This "subderisive mirth. 1822-34 *Good's Study Med.* (ed. 4) I. 330 The mixture "sub-diluted for bathing. 1948 *Rep. Native Laws Commission* 1948-48 (Dept. Native Affairs, S. Afr.) 4/2 Government assistance... in respect of "sub-economic schemes has all along been linked with the condition that the municipality should bear a share of the loss. 1971 *Leader* (Durban) 7 May 1/5 The Verulam Town Board has announced its intention to erect... 100 sub-economic houses. 1980 *Sci. Amer.* Jan. 50/2 He created a two-way grid of categories based on the degree of geological knowledge (known deposits, inferred deposits and probable deposits) and on current economics (economically, subeconomic and uneconomic). a. 1734 *North Life Ld. Kipr. North* (1742) 228 The Spaniards have peculiar Councils, call'd Juntos... which prevents such "sub-emergent Councils as these [i.e. English cabinet councils]. 1843 *LOUDON Suburban Hort.* 17 "Sub-evergreen herbaceous plants are: *Eurotia biennis* and several other species, *Pentstemon*, *Chelone*, *Asters*. 1854 *BADHAM Habitu* 180 Others, "subgregarious in their taste, swim about in small detached parties. 1940 K. MANNHEIM *Ideology & Utopia* 128 Besides this "sub-historical biological element a spiritual, transcendental element is also to be found in this sphere. 1973 R. J. W. EVANS *Rudolf* II. 45 Such a view... has survived in sub-historical writing and belles-lettres. 1903 *GEIKIE Text-bk. Geol.* (ed. 4) I. 18 The coronal atmosphere... consists mainly of "subincandescent hydrogen. 1956 M. HYNES *Med. Bacteriol.* (ed. 6) ix. 123 Serial culture of susceptible organisms in the presence of "sub-inhibitory concentrations of an antibiotic results in the emergence of bacteria that can flourish in the presence of enormous concentrations of the antibiotic. 1976 *Ann. Rev. Microbiol.* XXX. 64 Some strains of *M. oleum* produce such a preponderance of coccal cells that their true nature can only be ascertained in films from media with subinhibitory concentrations of penicillin. 1958 J. BERRY in J. A. Fishman *Readings Sociol. of Lang.* (1968) 743 In "subliterate societies (in most of Tropical Africa for example) the need for exotic type can have a deterrent effect on book production. 1973 R. A. CHAMPEY *Puerto Rico* 13 In 1940 the bulk of the people were subliterate or illiterate. 1864 *Spectator* 31 Dec. 1568 The sky is still "subluminous. 1959 *Encounter* July 53/4 The photography is that chocolate-marshmallow kind of subluminous chiaroscuro. 1969 O. J. EGGEN in S. S. Kumar *Luminosity Stars* i. 22 Photometric parallaxes have been derived for the 27 stars in Table III which are very probably subluminous. 1976 *Progress in Sci. Culture* (E. Majors Centre) Spring 53 Extragalactic sources can be classified in order of luminosity as follows (1) subluminous galaxies, such as M 31, (2) normal galaxies, [etc.]. 1899 "Sublunary [see PENETRATION]. 1922 C. A. COTTON *Geomorphol. N.Z.* i. xxviii. 415 The coast has passed through the stage of youth and has become sub-mature. 1981 *Jnl. Sedimentary Petrol.* XXI. 128 Definition of the four stages of textural maturity. I. Immature stage... II. Submature stage. Sediment



contains very little or no clay, but the non-clay portion... is still itself poorly sorted. 111. Mature stage. IV. Supermature stage. 1965 G. J. WILLIAMS *Econ. Geol.* N.Z. xiii. 194/1 A submerate valley formed on this surface, later to be dammed by a basalt flow. 1924 ZANGWILL *Bees* Myst. 87 A curious, "sub-mocking smile. 1946 *Mind* LV. 115 A will-less saint would be a "sub-moral being, a fine creature perhaps, but not a responsible moral agent. 1907 *Spirit Publ. Yrly.* XI. 84, I am with "substant antipodes. I frisked with volatiles. 1966 ODLING *Anim. Chem.* 154. I now add to the free iodine some "suboxidized substance. 1960 MILTON *Tenure of Kings* 59 Not prelatial, or of this late faction "subprelatial. 1817 KIRBY & Sp. *Entomol.* (1818) II. 277 A "subprelatical stalk of Angelica. 1618 HALBS in *Gold. Rem.* II. (1673) 23 That *bowen*, that "subrickt shamefastness of many men. 1865 *Pall Mall Gaz.* 11 Nov. 9 It might be imagined that the advertisement conveyed a "subarcastic touch. 1876 *Nature* XIV. 503/2 The "Sub-Semite languages of Africa. 1937 C. D. DARLINGTON in *Nature* 30 Oct. 761/2 Other mechanisms occur in the dog roses and with certain kinds of parthenogenesis whereby, as in *Cenothera*, a large part of the genes are prevented from recombining. With such systems stability has been achieved at the expense of variability, and we have arrived at what we may call a "sub-sexual method of reproduction. 1947 & MATTHEW *Elements of Genetics* xii. 266 As compared with sexual species variation is much reduced but it still occurs. The new apomictic species is thus often subsexual. 1877 SWINBURNE *Note on C. Brown* 11 Its superhuman or "submimous absurdity. 1881 WESTCOTT & HORT *Gk. N. T.* II. 230 What may be called "sublingual readings" which have only secondary support. 1928 W. M. WHEELER *Social Insects* i. 13 The insects included in categories (1) to (5) may be designated as "infrasonic"; those of (6), which are more interesting for our purposes may be called "quasiosocial" or "subsocial". 1958 *Science* 2 May 1046/1 Social organization in the main groups of social bees... did not arise... through subsocial family groups. 1976 *Sci. Amer.* Mar. 101/3 Michener's second evolutionary route he calls subsocial. On this route only one level of behavior precedes eusociality; it is characterized by solitary rather than communal nest building. The solitary female [spider] remains at the nest, however, and cares for her young. 1922 JOYCE *Ulysses* 674 The decocted beverages, allowing for "subsolid residual sediment of a mechanical mixture, water plus sugar plus cream plus cocoa, having been consumed. 1976 *Phil. Trans.* LXXVI. 310 Both of them immersed in "substipid water. 1973/4 *NORTH EXAM.* III. vii. (1740) 549 This put abundance of People of "subvirile Temper into a Twitter. 1934 M. TEN HOON in *Jrnl. Philos.* XXXI. 534 The responsibility for descriptive analysis and psychological definition... has been accepted... by the behaviorists... This theory... in its extreme form... contends that thought is nothing but "subvocal speech. 1980 A. KENNY *Aquinas* iii. 78 Aquinas has a clear grasp of the relationship between the intellect and the imagination when thought takes place in mental images or in subvocal speech. 1961 E. J. FURLONG *Imagination* vii. 77 The words "the Chapel" are "subvocally present to me along with the visual object. 1960 VERNER *Via Recta* viii. 164 A "Subvulgar Diet is as it were a means between the Accurate and Vulgar.

(b) Such compounds are occas. used subst.

1938 *Parson Varieties* II. 63 Whether that thing engendered bee a Star, or any other celestial virtue, whereunto this "subdeficient striveth to attain. 1633 EARL MANCE. *Al Mondo* (1636) 86 There be certain "subsuperbs so worldly wise, as they think all other men insipids.

b. In derived adverbs, as *submaximally*.

1900 *Proc. Boston Soc. Nat. Hist.* XXXIX. 309 In central France... the initial form was an uplifted and submaximally dissected penplain, in which valleys with incised meanders have been... developed. 1913 *Bull. Geol. Soc. Amer.* XXIV. 201 The submaximally dissected scarp.

20. a. With adjs. derived from the names of persons, used to designate something in the manner of but inferior to their work, characteristic style, etc. (Chiefly in nonconformations.)

1924 E. SITWELL *Aspects Mod. Poetry* i. 18 Mr. Housman was followed by a school of poets, rather loosely held together by their sub-Wordsworthian ideals. 1929 *Listener* 5 Feb. 258/4 A laboured sub-Wodehousean straining after slapstick instead of farce. 1964 *John o' London's* 10 May 459/4 The opening has a sub-Chaplinesque quality. 1967 J. PHILIP *At Best of Granta* i. 16 Following the editorial come five sub-Miltonic stanzas. 1977 P. JOHNSON *Genesis of Society* xi. 154 One prominent sub-Marxist "scientist" who constantly uses the crisis-mechanism, to justify, among other things, the use of positive censorship, when possible, is Herbert Marcuse.

b. Hence, prefixed simply to the names of persons.

1963 *Times Lit. Suppl.* 3 Apr. 325/4 Here is the eternal sex-life of the American college girl told in the eternal sub-Salinger style. 1966 J. BAYHAM *Love, I Kill* xi. 132 It was called *Deep* in the South. kind of sub-Tennessee Williams. 1977 *Listener* 28 July 122/3 A pregnant older lady who paints sub-Ernest surrealist.

21. In technical use, chiefly *Nat. Hist.*

A small proportion only of the more commonly used compounds are illustrated here.

a. With adjs. of colour, as in L. *subalbidus* somewhat white, whitish, *sublividus* somewhat livid, *subniger* blackish, *subviridis* greenish, late or mod.L. *subcitrinus* SUBCITRINE, *subpallidus* (for *suppallidus*) palish, *subrufus* (for *surrufus*) reddish; e.g. *subalbid*, *-luteous*, *-pale*, *-red*, *-vivid*.

c 1830 *Judic. Urines* II. viii. 33 b, Vryne pale or "subpale. *Ibid.* x. 37 Rudy vryne is moyst like vryne golve, and "subruffe goldymhe. *Ibid.* xi. 39 *marg.*, Rede or "subrede vryne. *Ibid.* xii. 41 Vryne Rubicunde or "Subrubicunde. *Ibid.* xiii. 42 Afore y' vryne were Rubie or "subrubie. 1950 BARROUGH *Meth. Physik* II. viii. (1956) 84 If this spittle... be yealow and "subpale. 1866 BLOUNT *Glossogr.*, "Sub-albid, somewhat white. 1857 TOMLINSON *Renou's* Disp. 300 Seeli hath lignous. "subrubeous. *Ibid.* 610 A "subruffe ponderous Powder. 1661 LOVELL *Hist. Anim. & Min.* 212

Tethys. If red is edible, the pale and "subluteous are bitterish. 1694 SALMON *Bate's* Disp. (1713) 217/2 Of a "subvirid or greenish blue Colour. *Ibid.* 339/1 A "Subrubid or Livor coloured soft Calx. 1724 *Phil. Trans.* XLIII. 125 A large tough "subrubicund Polypus. 1777 T. PRINCIVAL *Ess.* I. 192 The portion with cantharides... neither assumed a "sublivid, nor an ash colour. 1800 SHAW *Gen. Zool.* I. 490 *Didelphi Obelia*... "Subferruginous Opessum. 1802 *Ibid.* III. 397 *Coluber Nasicornis*... "Subolivaceo-flavescens Snake. 1803 *Ibid.* IV. 556 *Holocentrus Bengalensis*... "Subfulvous Holocentrus. 1804 *Ibid.* V. 282 *Raja Pastinaca*... "Subolivaceous Ray. 1807 *Ibid.* VII. 272 *Strix Caspia*... "Subluteous Owl. 1815 STEPHENS in Shaw's *Gen. Zool.* IX. 84 Of a "subrufous chestnut. 1817 *Ibid.* X. 626 "Subtaceous Warbler, spotted with brown. 1846 DANA *Zooph.* (1848) 664 Colour "subminaceous. 1847 *Proc. Berw. Nat. Club* II. v. 242 Elytra... of a dark "sub-eneous green. *Ibid.* 248 The margin almost "sub-piceous. 1852 DANA *Crust.* I. 395 The legs are "subochreous. 1857 W. PHILLIPS *Brit. Discomycetes* 13 Margin... "subcinnamomeous. 1858 *Syd. Soc. Lex.*, "Sub-flavous ligament, short ligaments of yellow elastic tissue connecting the lamina of the vertebrae. 1900 *Watm. Gaz.* 29 June 2/1 Her complexion "sub-olive.

b. With adjs. denoting surface texture, contour, or marking, substance, consistency, composition, taste, odour, as in L. *subacer* somewhat acrid, *subacidus* SUBACID, *subdurus* somewhat hard, *subsalsus* saltish, mod.L. *sublanatus* somewhat woolly; e.g. *subacerb*, *-acrid*, *-coriaceus*, *-durs*, *-granular*, *-ate*, *-ated*, *-ose*, *-hornblendic*, *-membranous*, *-stony*, *-translucent*, *-villous*.

1638 RAWLEY *Tr. Bacon's* Life & Death (1650) 40 It must be ordered... that the Juice of the Body, be somewhat hard, and that it be fatty, or "subroscide. 1657 TOMLINSON *Remed.* Disp. 259 Its sapour is very sweet, subamare, austere and somewhat aromatic. *Ibid.* 382 [Dates] are... soft, but carnosus, "subdure within. 1666 GREGWANT *Plant.* (1682) 246 Spirit of Nitre is a "subalkaline Spirit. *Ibid.* 247 Spirit of Salt is a "subalkaline Acid. 1694 SALMON *Bate's* Disp. (1713) 248/2 These Tinctures are hot and dry, "substringent. 1694 *Phil. Trans.* XVIII. 15 A "subsaline, and somewhat austere Serum. 1699 EVERLYN *Actaria* (1729) 129 Its pinguid, "subdulcid, and agreeable Nature. 1702 *Phil. Trans.* XXIII. 1165 *Alga Marina* is "Subacrid and Sweet. *Ibid.* 1171 The Roots are sweet and "subacerbe. 1756 P. BROWNE *Jamaica* 75 Its fibres are always rigid and "subdiaphane. 1760 J. LEE *Introduct.* Bot. III. iv. (1765) 160 *Sermentous*; when they are Repent and "subnude. 1777 PENNANT *Brit. Zool.* IV. 3 A "sub-cordated body. 1777 S. ROSSON *Brit. Flora* 117 Leaves ovato-oblong, "subpilose. *Ibid.* 131 Branches "subvillose. 1782 *Phil. Trans.* LXXX. 375 A spissid "sub-pellucid liquid. 1785 MARTYR *Rousseau's* Bot. xxvi. (1794) 387 The stem is "subherbaceous. 1787 *Tr. Linnaeus* *Fasc. Plant.* 494 Legume rhomboid, trigrid, "subvillosus. *Ibid.* 547 Pappus sessile, "subplumy. *Ibid.* 584 Seeds... "submembranous, inverse-heated. *Ibid.* 683 Berry "substriated. 1792 WITTHING *Bot. Arrangement* (ed. 1) II. 226 *Tremella Nectos*... "Sub-gelatinous. 1807 KIRBY & Sp. *Entomol.* (1818) II. 418 Both... have the material which diffuses their light included in a hollow "subtransparent projection of the head. *Ibid.* (1843) II. 44 Their abdomen swollen into an immense "sub-diaphanous sphere filled by a kind of honey. 1822 J. PARKINSON *Ortol. Crystol.* 102 The operculum is small, elliptical, and "subosseous. *Ibid.* 201 *Voluta digitalis*: decussated, "subgranular. 1824 R. K. GREVILLE *Scot. Cryptog. Flora* II. pl. 110 The surface covered with a minute "sub-pulverulent substance. 1826 KIRBY & Sp. *Entomol.* III. 338 An internal "submembranaceous tooth or process. 1828 STARK *Elem. Nat. Hist.* II. 420 Axis slender, horny, or "sub-stony in the centre. 1829 LOUDON *Encycl. Plant.* (1836) 15 Leaves... "sub-coriaceous. *Ibid.* 591 Leaves "subcordate sessile serrate "subvillous. *Ibid.* 1023 "Substriate or rugose. 1833 HOOKER in Smith's *Eng. Flora* v. 1. 46 Leaves "subopaque. 1834 J. PHILLIPS *Eng. in Cycl.* *Metrop.* (1845) VI. 562/2 An irregular... bed... of serpentine... exhibits... "sublaminated structure. 1839 D. LA BACHE *Rep. Geol. Cornwall*, etc. III. 64 The... with a "sub-schistose structure. 1839 G. ROBERTS *Dict. Geol.* 15 *Subviller*... extremely thin, like a sheet of paper. 1842 PRINCIVAL *Rep. Geol. Connect.* 32 A dark grey "sub-porphyrific, "subhornblendic rock. 1846 DANA *Zooph.* (1848) 451 Branchlets... "subterete and proliferous. *Ibid.* 590 Bae "subgranulose. 1847 *Proc. Berw. Nat. Club* II. v. 236 Body slightly pubescent or "subglabrous. 1847 W. E. STEELE *Field Bot.* 201 Bracts small, "sub-foliaceous. 1849 DANA *Geol.* xvii. (1850) 632 Hyperthene... having a pearly or "submetallic lustre. 1868... *Syst. Mineral.* (ed. 5) v. 194 Plasma... Rather bright-green to leek-green, also sometimes nearly emerald-green, and "subtranslucent or feebly translucent. 1870 HOOKER *Stud. Flora* 196 Fruit compressed, obovate, "subhispid. 1871 W. A. LEIGHTON *Lichen-flora* 27 Apothecia lecaniorine or "sub-biotrine. 1880 GÜNTHER *Fishes* 66 Sclerite "subossified rings. 1885 J. W. POWELL *Physiogr. Processes in Nat. Geog. Monogr.* I. 1 The interior of the earth is in a "subfluid condition. 1955 BROWN & DRY *India's Mineral Wealth* (ed. 3) 623 The bloodstones are "subtranslucent, dark green chalcodony speckled with red; the moonstones... perfectly translucent stones.

c. With adjs. expressing shape, conformation, or physical habit, as in mod.L. *subaequalis* SUBEQUAL, *subamplexicaulis* slightly amplexicaul, *subobtusus* somewhat obtuse, *subrepandus* somewhat repand, *subsessilis* SUBSESSILE; e.g. *sub-acuminata*, *-arborescent*, *-cordata*, *-ated*, *-hooded*, *-humate*, *-repand*, *-simple*; *subacrocentric* a. *Cytology* = *subtelocentric* adj. below; *subhedral* a., applied to crystals having partially developed faces, or incompletely bounded planes; *submetacentric* a. *Cytology*, applied to a chromosome with the centromere almost in the middle, so that the two chromosome arms differ slightly in length; also *ellipt.* as sb.; *subtelocentric* a. *Cytology*,

applied to a chromosome with a centromere near one end, but not as near as in an acrocentric chromosome; also *ellipt.* as sb.

1723 J. HILL *Hist. Anim.* 131 The "sublong and transversely radiated Buccinum. 1756 P. BROWNE *Jamaica* 101 The "subarborescent Polypodium with a large lobed foliage. 1775 J. JENKINSON *Linnaeus* *Brit. Plants* 148 The silicula is "subcordate. *Ibid.* 162 Crowsfoot Cranesbill with two flowers on each peduncle, "subpetalate. 1777 S. ROSSON *Brit. Flora* 171 Leaves reniform, "subpetalate. *Ibid.* 124 Leaves "sub-hastate. *Ibid.* 138 Clusters "subimbricate. *Ibid.* 145 Petals "sublancheolate. *Ibid.* 159 Leaves linear-lanceolate, "sub-serrate. *Ibid.* 170 Peduncles uniflorous, "subcorymbose. *Ibid.* 188 Leaves ovate, obtuse, "subcrenate. *Ibid.* 262 Females "subpedunculate. *Ibid.* 290 Leaves ovate, "subciliate. *Ibid.* 296 Leaves... lanceolate, "sublaciniate. *Ibid.* 304 Stem almost simple, "subventricose. 1785 MARTYR *Rousseau's* Bot. xxiii. (1794) 321 The stem-leaves oblong and "subsinuatus. *Ibid.* 446 Balm of Gilead Fir has the leaves "submarginate. 1787 *Tr. Linnaeus* *Fasc. Plant.* 180 Corolla. Universal not uniform, "subradiate. *Ibid.* 188 Petals five, endnick-inflected, "sub-unequal. *Ibid.* 282 Germ wedge-form, angular, "subpedicel'd. *Ibid.* 534 Corolla. Compound "subimbricate. *Ibid.* 761 Seeds... flat inwards, "subconvex outwardly. *Ibid.* 763 Villous-murex'd without, with "subrevolute margins. c 1789 *Encycl. Brit.* (1797) III. 447/2 The florets "subpedicellate, or standing on very short flower-stalks. 1800 SHAW *Gen. Zool.* I. 264 "Sub-aureolated dusky Seal. 1802 *Ibid.* III. 388 The tail abruptly "subacuminata. 1809 *Ibid.* VII. 313 "Sub-cristated ferruginous Shrike. 1815 STEPHENS in Shaw's *Gen. Zool.* IX. 92 Tail wedge-shaped with "subulate ferruginous fasciae. 1817 *Ibid.* X. 381 "Subcrested Flycatcher. 1819 *Ibid.* XI. 519 Beak... the apex "subtruncate. 1820 G. SAMOUELL *Entomol. Compend.* 93 Hands externally "suberrated. 1821 S. GRAY *Brit. Plants* II. 3 Leaflets "sub-aureolated at the base. 1822 W. P. C. BARTON *Flora N. Amer.* II. 71 Corolla "sub-campanulate, five-lobed. 1822 J. PARKINSON *Ortol. Crystol.* 98 "Subpediculated masses. *Ibid.* 56 With thick lamellae windingly plaited, "subcristated. *Ibid.* 74 Granulated and "subdentated strie. *Ibid.* 131 The mouth "subreniform, with five prominent lips. *Ibid.* 223 *Pecten discors*: "subinequivalved. *Ibid.* 224 *Plicatula tubifera*: "subirregular. 1823 R. K. GREVILLE *Scot. Cryptog. Flora* I. pl. 46 Plants somewhat crustaceous or "substipitate. 1826 KIRBY & Sp. *Entomol.* III. 170 The Libellulina MacLeay (whose metamorphosis that gentleman has denominated "subsemicomplete, a term warranted by their losing in their perfect state the mask before described). *Ibid.* 319 In *Scolia*... &c., the antennae are... in the females convolute or "subspirally. *Ibid.* 427 [The labial palpi] being most frequently filiform or "subclavate. 1826 CROUCH *Lamarck's* *Conchol.* 15 Shell transverse, "subaequalive, inequilateral. *Ibid.* 18 Shell "subtransverse. *Ibid.* 19 Shell... "Sublobate at the base. *Ibid.* 20 Shell inequilateral, the superior margin rounded, "subuplicate. 1829 LOUDON *Encycl. Plant.* (1836) 7 Leaves ovate acute "sub-repand. *Ibid.* 17 Peduncle axillary "subracemose. *Ibid.* 701 Leaves "subamplexicaul. 1833 HOOKER in Smith's *Eng. Flora* v. 1. 107 The mouth truncated, "subciliate. *Ibid.* 108 Stem... "subsimple. 1839-47 *Todd's* *Cycl. Anat.* III. 376/2 The coracoid... is a strong, "subcompressed, "subelongate bone. 1842 PENNY *Cycl.* XXII. 53/1 Shell... painted with... transverse, "subfasciculated lines. 1846 DANA *Zooph.* (1848) 461 Branchlets "subdigitiform. *Ibid.* 527 Branches... "subdilata at apex. 1847 W. E. STEELE *Field Bot.* 11 Heads "subumbellate. 1847 *Proc. Berw. Nat. Club* II. v. 240 Posterior tarsi with the first and last joints "subelongated. 1849 *Ibid.* vii. 371 With two curved "subpedicled claws. 1849 DANA *Geol.* App. 1. (1850) 702 "Sub-alate above, sub-orbiculate behind. 1852... *Crust.* II. 703 The exterior plates of the abdomen have a triangular "subobtus termination. 1853 ROYLE *Mat. Med.* 641 Leaves solitary, flat, "subpinnate. 1854 HOOKER *Himal. Jynt.* I. iii. 86 The larger, white flowered "sub-arborescent species prevailed. 1856 W. CLARK *Tr. Van der Hoeven's* *Zool.* I. 728 Shell... furnished with small auricles, "subcaping at the side. 1858 J. G. BAKER *N. York.* 195 A native of Italy and Provence, which has been noted in a "subspontaneous state about the Yore. 1870 HOOKER *Stud. Flora* 224 Campanulaceae... filaments free or "subconnate. *Ibid.* 301 Corolla... "subcampanulate. *Ibid.* 348 Shrubby, 1-5 ft., rarely "subarborescent (10-20 ft.). 1887 W. PHILLIPS *Brit. Discomycetes* 145 Mouth "subconnivent. 1898 *Syd. Soc. Lex.*, "Subseriform, shaped somewhat like a worm. 1906 W. CROES *et al.* in *Jrnl. Geol.* XIV. 698 "Subhedral, partly bounded by crystal faces, hypantomorphic, hypidiomorphic. 1961 M. J. D. WHITE *Chromosomes* (ed. 5) ii. 23 Intermediate types exist... so that we may describe particular chromosomes "subacrocentric or 'metacentric'. 1963 *Austral. Jrnl. Zool.* XI. 8 Four pairs of "subacrocentric, whose short arms are in most cases large enough to be distinctly visible in the preparations. 1963 *Jrnl. Nat. Cancer Inst.* XXXI. 642 The diploid complement of 22 pairs of chromosomes consists of 3 median metacentric, 3 "subtelocentric, [etc.]. 1964 *Ibid.* XXXII. 588 This series was arrived at by the arrangement of metacentric chromosomes in order of ascending size order followed by "submetacentric and "subtelocentric chromosomes arranged in a similar manner. 1964 *Heredity* LII. 211 Chromosomes... with arm ratio of 1.0 or higher are classed as ST ("subtelocentric"). 1973 *Nature* 5 Oct. 262/1 The diploid karyotype of *U. limi* consisted of twenty-two chromosomes, eighteen metacentrics and four "submetacentrics. 1975 G. ANDERSON *Coring* ii. 35 (caption) Porous network of medium-grained euhedral to "subhedral dolomite rhombs. 1976 *Jrnl. Cellular Physiol.* LXXXVII. 104 The four groups (I, metacentric; II, "submetacentric; III, "subacrocentric; and IV, acrocentric) were defined for this purpose by the ratio, short/long arm length. 1980 *Canad. Jrnl. Genetics & Cytol.* XXII. 421 There are three SAT-chromosomes (arm ratio (r) = 1.74-1.92), four metacentric chromosomes (r = 1.07-1.14), seven "submetacentric chromosomes (r = 1.22-1.68) and seven subtelocentric chromosomes (r = 1.75-2.42).

d. With adjs. denoting position, as in SUBCENTRAL, SUBLATERAL; e.g. *sub-ascending*, *-erect*, *-internal*, *-opposite*, *-terminal*.