NATIONAL LIBRARY OF MEDICINE RECOMMENDED FORMATS FOR BIBLIOGRAPHIC CITATION SUPPLEMENT: **Internet Formats**
http://www.councilscienceeditors.org/publications/citing_internet.cfm

APPENDIX B Commonly Abbreviated English Words: Part 1. In Journal Titles

Words that are not abbreviated are indicated by "n.a." in this list. **Note:** Journal titles consisting of a single word are never abbreviated.

A

Abdominal = Abdom
Abstracts = Abstr
Academic = Acad
Academy = Acad
Acids = n.a.
Accident(s) = Accid
Accounts = Acc
Action = n.a. Addiction(s) =
Addict Addictive = Addict
Adhesion = Adhes
Adhesive = Adhes
Administration = Adm
Adolescent = Adolesc
Advancement = Adv
Advance(s) = Adv
Adverse = n.a.
Affairs = Aff
African = Afr
Agents = n.a.
Aging = n.a.
Agricultural = Agric
Alabama = Ala
Alaska = Alsk
Allergology = Allergol
Allergy = n.a.
Alternative = Altern
Altitude = Alt
Alzheimer's = Alzheimers
Ambulatory = Ambul
American = Am
Amino = n.a.
Amyotrophic = Amyotroph
Analysis = Anal
Analytical = Anal
Anatomic = Anat
Anatomy = Anat
Andrology = Androl
Anesthesia = Anesth
nimal(s) = Anim
Ankle = n.a.
Annals = Ann
Annual = Annu
Antibiotic(s) =Antibiot
Antimicrobial = Antimicrob
Antioxidants = Antioxid
Antiviral = Antivir
Apheresis = Apher
Applied = Appl
Archives = Arch
Arizona == Ariz
Arizona = Ariz
Arkansas = Ark
Artery = n.a.
Arthritis = n.a.
Arthroscopy = Arthrosc
Artificial = Artif
Asian = n.a.
Assessment = Assess
Assisted = Assist
Association = Assoc
Assurance = Assur
Atherosclerosis = Atheroscler
Atlas = n.a.
Audiology = Audiol
Australia(n) = Aust
Author = n.a.
Autonomic = Auton
Aware = n.a.

B

Bacteriology = Bacteriol
Basic = n.a.
Behavior(al) = Behav
Benchmarks = n.a.
Biochemical = Biochem
Bioconjugate = Bioconjug
Bioelectronics = Bioelectron
Bioengineering = Bioeng
Bioethics = Bioeth
Biography = Biogr
Bioinformatics = Bioinform
Biological = Biol
Biology = Biol
Biomarkers = n.a.
Biomechanics = Biomech
Biomedical = Biomed
Biomedicine = Biomed
Biomolecular = Biomol
Binocular = Binocul
Bioorganic = Bioorg
Biopharmaceutical(s) = Biopharm
Biophysics = Biophys
Bipolar = n.a.
Bioresource = Bioresour
Bioscience = Biosci
Biosensors = Biosens
Biosphere = Biosph

Biostatistics = Biostat
Biotechnic = Biotech
Biotechnology = Biotechnol
Biotherapy = Biother
Blood = n.a.
Bowel = n.a.
Brain = n.a.
Brazilian = Braz
Breast = n.a.
Brief = n.a.
Briefing(s) = Brief
British = Br
Bulletin = Bull

C

California = Calif
Canada = Can
Canadian = Can
Cancer = n.a.
Capillary = n.a.
Capitation = n.a.
Carbohydrate = Carbohydr
Cardiac = Card
Cardiology = Cardiol
Cardiothoracic = Cardiothorac
Cardiovascular = Cardiovasc
Care = n.a. Cartilage = n.a.
Causes = n.a.
Cell(s) = n.a.
Cellular = Cell
Center = Cent
Cerebral = Cereb
Cerebrovascular = Cerebrovasc
Change = n.a.
Channels = n.a.
Chemistry = Chem
Chemotherapy = Chemother
Children = Child
Chinese = Chin
Chromosome = n.a.
Chronicle(s) = Chron
Circulation = Circ
Clinical = Clin
Clinics = Clin
Club = n.a.
Coagulation = Coagul
Cognition = Cogn
Cognitive = Cogn
College = Coll
Colorado = Colo
Combinatorial = Comb
Communicable = Commun
Communication = Commun
Community = n.a.
Comparative = Comp
Complementary = Complement Complications = n.a.
Computation = Comput
Computer = Comput
Computing = Comput
Computerized = Comput
Conference = Conf
Connecticut = Conn
Connection = Connect
Consciousness = Conscious
Contact = n.a.
Continuing = Contin
Contamination = Contam
Contemporary = Contemp
Contraceptive = Contracept
Contribution(s) = Contrib
Control = n.a.
Coronary = Coron
Cortex = n.a.
Cosmetic = Cosmet
Council = Counc
Counseling = Couns
Craniofacial = Craniofac
Craniomaxillofacial = Craniomaxillofac
Creative = Creat
Critical = Crit
Croatian = Croat
Crystallography = Crystallogr
Cutaneous = Cutan
Cultural = Cult
Current = Curr
Cycle = n.a.
Cytokine = n.a.

D

Data = n.a.
Death = n.a.
Decision(s) = Decis
Delaware = Del
Delivery = Deliv
Dementias = Demen
Demographic(s) = Demogr
Demography = Demogr
Densitometry = Densitom
Dermatitis = Dermat
Dermatological = Dermatol
Dermatology = Dermatol
Design = Des
Development(s) = Dev
Developmental = Dev
Diabetes = n.a.
Diabetologica = Diabetol
Diagnosis = Diagn
Diagnostic = Diagn
Dialog = n.a.
Dialysis = Dial
Dietetic = Diet
Dietitian(s) = Dietit
Differentiation = Differ
Digest = Dig
Digestive = Dig
Direction(s) = Dir
Disability = Disabil
Discussions = Discuss

Discovery = Discov
Disease(s) = Dis
Disorder(s) = Disord
Diversity = Divers
Domestic = Domest
Down's = Downs
Drug(s) = n.a.
Dynamics = Dyn
Dysfunction = Dysfunct
Dysmorphology = Dysmorphol

E

East = n.a.
Eastern = East
Eating = Eat
Ecology = Ecol
Economics = Econ
Editor = Ed
Education = Educ
Educational = Educ
Effective = Eff
Egyptian = Egypt
Elbow = n.a.
Electrocardiology = Electrocardiol
Electromyography = Electromyogr
Electron = n.a.
Electrophysiology = Electrophysiol
Electrophoresis = Electrophor
Embryology = Embryol
Emergency = Emerg
Endocrine = Endocr
Endocrinology = Endocrinol
Endodontic = Endod
Endoscopy = Endosc
Endotoxin = n.a.
Engineering = Eng
Entomology = Entomol
Environment(al) = Environ
Epidemiology = Epidemiol
Epileptic = n.a.
Ergonomics = Ergon
European = Eur
Ethics = n.a.
Ethnicity = Ethn
Eukaryotic = Eukaryot
Evaluation = Eval
Evidence = Evid
Evidence-based = Evid Based
Evolution = Evol
Excellence = Excell
Exercise = Exerc
Exotic = Exot
Expectations = Expect
Experimental = Exp
Expert = n.a.
Expression = Expr
Exposure = Expo

F

Facial = n.a.
Facilities = Facil
Faculty = Fac
Failure = Fail
Family = Fam
Federal = Fed
Federation = Fed
Fertility = Fertil
Fetal = n.a.
Fibrinolysis = n.a.
Financing = Financ
Floor = n.a.
Florida = Fla
Food = n.a.
Formosan = Formos
Forum = n.a.
Foundation = Found
French = Fr
Frontiers = Front
Function = Funct
Fundamental = Fundam
Future = n.a.

G

Gait = n.a.
Gastroenterology = Gastroenterol
Gastrointestinal = Gastrointest
Gazette = Gaz
Gender = Gend
Gene = n.a.
General = Gen
Genetics = Genet
Genome = n.a.
Genomics = n.a.
Georgia = Ga
Geriatric(s) = Geriatr
German = Ger
Gerontology = Gerontol
Glaucoma = n.a.
Gravitational = Gravit
Growth = n.a.
Guide = n.a.
Guideline = Guidel
Gynaecology = Gynaecol
Gynecology = Gynecol

H

Haematology = Haematol
Hand = n.a.
Harvard = Harv
Hawaii = n.a.
Hazardous = Hazard
Health = n.a.
Healthcare = Healthc
Heart = n.a
Hematology = Hematol
Hemorheology = Hemorheol

Hemostasis = Hemost
Hepatitis = Hepat
Hepatology = Hepatol
Heredity = Hered
Histochemistry = Histochem
History = Hist
Holistic = Holist
Hormone = Horm
Hospice = Hosp
Hospital = Hosp
Hotline = n.a.
Human = Hum
Hygiene = Hyg
Hyperbaric = Hyperb
Hypertension = Hypertens

I

Idaho = Ida
Illinois = Ill
Inorg Inquiry = Inq
Insect = n.a.
Institute = Inst
Integrative = Integr
Intellectual = Intellect
Intelligent = Intell
Intensive = n.a.
Interdisciplinary = Interdiscip
Internal = Intern
International = Int
Internet = n.a.
Interventional = Interv
Invertebrate = Invert
Investigation(s) = Investig
Investigational = Investig
In vitro = In Vitr
Iowa = n.a.
Island(er) = Isl
Isotopes = n.a.
Israel = Isr
Issue(s) = n.a.

J

Japanese=Jpn
Joint = Jt
Journal = J

K

Kansas = Kans
Kentucky = Ky
Kinesiology=Kinesiol
Kinetics = Kinet

L

Laboratory = Lab
Laparoscopic = Laparosc
Laparoscopy = Laparosc
Laryngology = Laryngol
Laser = n.a.
Lateral = n.a.
Latinoamerican = Latinoam
Leadership = Leadersh
Learning = Learn
Legal = Leg
Legislation = Legis
Letter(s) = Lett
Leukocyte = Leukoc
Library = Lib
Life = n.a.
Lifelines = n.a.
Lifetime = n.a.
Lipidology = Lipidol
Literature = Lit
Liver = n.a. Living = n.a.
Louisiana = La

M

Magnetic = Magn
Maine = n.a.
Maltreatment = Maltreat
Mammalian = Mamm
Mammary = n.a.
Managed = Manag
Management = Manag
Manual = Man
Mapping = Mapp
Marrow = n.a.
Maryland = Md
Mass = n.a.
Massachusetts = Mass
Materials = Mater
Maternal = Matern
Matters = n.a.
Maxillofacial = Maxillofac
Measurement = Meas
Mechanisms = Mech
Mediators = n.a.
Medica = Med
Medical = Med
Medicare = n.a.
Medicinal = Med
Medicine = Med
Mediterranean = Mediterr
Meeting = Meet
Melanoma = n.a.
Membrane = Membr
Memory = Mem
Men's = Mens
Mental = Ment
Metabolic = Metab
Methods = n.a.
Michigan = Mich
Microbiology = Microbiol
Microcirculation = Microcirc
Microscopy = Microsc
Midwifery = n.a.
Military = Milit
Minnesota = Minn

Minority = Minor
Mississippi = Miss
Missouri = Mo
Modern = Mod
Molecular = Mol
Molecules = Mol
Monitoring = Monit
Monograph = Monogr
Montana = Mont
Morphology = Morphol
Mother = n.a.
Motility = Motil
Motor = n.a.
Movement = Move
Multiple = Mult
Muscle = n.a.
Musculoskeletal = Musculoskelet

N

Nation(s) = n.a.
National = Natl
Natural = Nat
Nature = Nat
Nebraska = Nebr
Neonatology = Neonatal
Neoplasia = n.a.
Nephrology = Nephrol
Network = Netw
Neural = n.a.
Neurobiology = Neurobiol
Neuroimaging = n.a.
Neurologic = Neurol
Neurology = Neurol
Neurootology = Neurootol
Neuropathology = Neuropathol
Neuropsychology = Neuropsychol
Neuropsychopharmacology = Neuropsychopharmacol
Neurorehabilitation = Neurorehabil
Neuroscience = Neurosci
Neurosurgery = Neurosurg
Neurosurgical = Neurosurg
Neurovirology = Neurovirol
Nevada = Nev
New = n.a.
New Hampshire = N H
New Jersey = N J
New Mexico = N M
New York = N Y
New Zealand = N Z
News = n.a.
Newsletter = Newsl
Nicotine = n.a.
Nigerian = Niger
Noninvasive = n.a.
North = n.a.
North America = North Am
North Carolina = N C
North Dakota = N D
Northern = North
Notes = n.a.
Nuclear = Nucl
Nucleic = n.a.
Nurse = n.a.
Nursing = Nurs
Nutrition(al) = Nutr

O

Obesity = Obes
Obstetric = Obstet
Occasional = Occas
Occupation(al) = Occup
Ocular = Ocul
Office = Off
Official = Off
Ohio = n.a.
Oklahoma = Okla
Oncology = Oncol
Operational = Oper
Operative = Oper
Ophthalmic = n.a.
Ophthalmology = Ophthalmol
Opinion = Opin
Optics = Opt
Options = n.a.
Optometry = Optom
Oral = n.a.
Oregon = Or
Organic = Org
Organization = Organ
Orthodontic(s) = Orthod
Osteoarthritis = n.a.
Osteoporosis = Osteoporos
Orthopedic = Orthop
Otolaryngology = Otolaryngol
Otorhinolaryngology = Otorhinolaryngol
Outcome(s) = n.a.
Outlook = n.a.

P

Pacific = Pac
Palate = n.a.
Palliative = Palliat
Pancreatic = Pancreat
Papers = Pap
Parasitology = Parasitol
Pathology = Pathol
Patient = n.a.
Paediatrica = Paediatr
Pediatric = Pediatr
Pelvic = n.a.
Pennsylvania = Pa
People = n.a.
Peptide = Pept
Performance = Perform
Periodontal = n.a.
Periodontology = Periodontol
Perioperative = Perioper

Peripheral = Peripher
Perspectives = Perspect
Pest = n.a.
Pharmaceutical = Pharm
Pharmacy = Pharm
Pharmacoepidemiology = Pharmacoepidemiol
Pharmacology = Pharmacol
Pharmacotherapy = Pharmacother
Philanthropy = Philanthr
Phylogenetics = Phylogenet
Philosophy = Philos
Photodermatology = Photodermatol
Photoimmunlogy = Photoimmunol
Photomedicine = Photomed
Physical = Phys
Physician = n.a.
Physics = Phys
Physiological = Physiol
Physiology = Physiol
Physiotherapy = Physiother
Place = n.a.
Planning = Plann
Plant = n.a.
Plasmas = n.a.
Plastic = Plast
Policy = n.a.
Pollution = Pollut
Poor = n.a.
Population = Popul
Positive = Posit
Postgraduate = Postgrad
Posture = n.a.
Practice = Pract
Practitioner(s) = Pract
Pregnancy = n.a.
Prehospital = Prehosp
Pressure = Press
Prevention = Prev
Preventive = Prev
Previews = n.a.
Primary = Prim
Problems = Probl
Proceedings = Proc
Prosthodontics = Prosthodont
Protein = n.a.
Protocol(s) = Protoc
Provider = Provid
Psychiatric = Psychiatr
Psychiatry = n.a.
Psychologist = Psychol
Psychology = Psychol
Psychonomic = Psychon
Psychopharmacology = Psychopharmacol
Public = n.a.
Publication = Publ
Puerto Rico = P R
Pulmonary = Pulm
Purification = Purif

Q

Qualitative=Qual
Quality = Qual Quarterly = Q

R

Radiation = Radiat
Radiology = Radiol
Radiopharmaceuticals = Radiopharm
Radiotherapy = Radiother
Reaction(s) = React
Reader = Read
Receptors = n.a.
Reconstructive = Reconstr
Record = Rec
Redox = n.a.
Regeneration = Regen
Register = Regist
Regulation(s) = Regul
Rehabilitation = Rehabil
Related = Relat
Renal = Ren
Repair = n.a.
Replacement = Replace
Report(s) = Rep
Reproduction = Reprod
Reproductive = Reprod
Research(er) = Res
Resistance = Resist
Resonance = Reson
Respiratory = Respir
Resume = n.a.
Retardation = Retard
Retinal = Retin
Review(s) = Rev
Rheumatic = Rheum
Rheumatism = Rheum
Rheumatology = Rheumatol
Rhode Island = R I
Rights = n.a.
Risk = n.a.
Romanian = Rom
Roumanian = Roum
Royal = n.a.
Rural = n.a.

S

Safety = Saf
Scandinavian = Scand
School = Sch
Science(s) = Sci
Sclerosis = Scler
Screening = Screen
Seminar(s) = Semin
Sequence = Seq
Series = Ser
Service(s) = Serv
Sex = n.a.
Sexual = Sex
Shoulder = n.a.

Signalling = Signal
Skin = n.a. Sleep = n.a.
Smooth = n.a.
Social = Soc
Society = Soc
Sociology = Sociol
Solid = n.a.
South = n.a.
South Africa = S Afr
South Carolina = S C
South Dakota = S D
Southern = South
Space = n.a.
Special = Spec
Specific = Specif
Spectrometry = Spectrom
Spectrum = Spectr
Spine = n.a.
Sport(s) = n.a.
Standard(s) = Stand
State(s) = n.a.
Statistical = Stat
Statistics = Stat
Stem = n.a.
Steroid = n.a.
Strabismus = n.a.
Strategies = Strateg
Stress = n.a.
Structure(al) = Struct
Studies = Stud
Study = n.a.
Substances = Subst
Supplement = Suppl
Support = n.a.
Supportive = Support
Surgery = Surg
Surgical = Surg
Surveillance = Surveill
Survey = Surv
Swiss = n.a.
Symposium = Symp
Syndrome = Syndr
System(s) = Syst
Systematic = Syst

T
Targeting = Target
Targets = n.a.
Technical = Tech
Technique = Tech
Technology = Technol
Telecare = n.a.
Telehealth = n.a.
Telemedicine = Telemed
Tennessee = Tenn
Testing = Test
Texas = Tex
Therapeutic(s) = Ther
Theoretical = Theor

U
Ultrasonic(s) = Ultrason
Ultrasound = n.a.
Ultrastructure = Ultrastruct
Undersea = n.a.
Underserved = n.a.
University = Univ
Update = n.a.
Urogynecology = Urogynecol
Urological = Urol
Urology = Urol
Utah = n.a.

V
Valve = n.a.
Vascular = Vasc
Vector = n.a.
Venereology = Venereol
Vermont = Vt
Vestibular = Vestib
Veterinary = Vet
Viability = n.a.
Virginia = Va
Virology = Virol
Vision = Vis

W
Washington = Wash
Watch = n.a.
Water = n.a.
Weight = n.a.
West = n.a.
West Virginia = W V
Western = West
Wilderness = n.a.
Wisconsin = Wis
Women’s = Womens
Workshop = n.a.
World = n.a.
Wound = n.a.
Wyoming = Wyo

Y
Young = n.a.

Z
Zoology = Zool