

HENDERSON'S DICTIONARY OF
BIOLOGICAL
TERMS

Ninth Edition
Sandra Holmes



VAN NOSTRAND REINHOLD COMPANY

NEW YORK CINCINNATI ATLANTA DALLAS SAN FRANCISCO
LONDON TORONTO MELBOURNE

Van Nostrand Reinhold Company Regional Offices:
New York Cincinnati Atlanta Dallas San Francisco

Van Nostrand Reinhold Company International Offices:
London Toronto Melbourne

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Biological Terms

Library of Congress Catalog Card Number: 61-383
ISBN: 0-442-24865-2

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Published by Van Nostrand Reinhold Company
135 West 50th Street, New York, N.Y. 10020

15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Printed in Great Britain by
Richard Clay (The Chaucer Press) Ltd, Bungay, Suffolk

multiaxial

multiaxial multiaxial, *q.v.*
multiarticulate *a.* [L. *multus*, many; *articulus*, joint] with many articulations; many-jointed; *alt.* polyarthric.
multiaxial *a.* [L. *multus*, many; *axis*, axis] having or *pert.* several axes; allowing movement in many planes, *appl.* articulations; *alt.* multiaxial.
multicamerate *a.* [L. *multus*, many; *camera*, chamber] with many chambers; *alt.* multilocular.
multicapsular *a.* [L. *multus*, many; *capsula*, little chest] with many capsules.
multicarinate *a.* [L. *multus*, many; *carina*, keel] having many carinae or ridges.
multicarpellary *a.* [L. *multus*, many; Gk. *karpos*, fruit] polycarpellary, *q.v.*
multicauline *a.* [L. *multus*, many; *caulis*, stalk] with many stems.
multicellular *a.* [L. *multus*, many; *cella*, cell] many-celled; consisting of more than one cell.
multicentral *a.* [L. *multus*, many; *centrum*, centre] with more than one centre of growth or development.
multiciliate *n.* [L. *multus*, many; *cilium*, eyelid] with some or many cilia.
multicipital *a.* [L. *multus*, many; *caput*, head] with many heads or branches arising from one point.
multicostate *a.* [L. *multus*, many; *costa*, rib] with many ribs or veins; with many ridges.
multicuspid(ate) *a.* [L. *multus*, many; *cuspis*, spearhead] with several cusps or tubercles, *appl.* molar teeth.
multidentate *a.* [L. *multus*, many; *dens*, tooth] with many teeth, or indentations.
multidigitate *a.* [L. *multus*, many; *digitus*, finger] many-fingered.
multifactorial *a.* [L. *multus*, many; *facere*, to make] *pert.* or controlled by a number of genes; *alt.* polygenic.
multifarious *a.* [L. *multifarius*, manifold] polystichous, *q.v.*
multifascicular *a.* [L. *multus*, many; *fasciculus*, small bundle] containing, or *pert.* many fasciculi.
multifid *a.* [L. *multus*, many; *findere*, to cleave] having many clefts or divisions.
multifidus the musculotendinous fasciculi lateral to spinous processes from sacrum to axis vertebra.
multiflagellate *a.* [L. *multus*, many; *flagellum*, whip] furnished with several or many flagella; *alt.* polymastigote, polykont.
multiflorous *a.* [L. *multus*, many; *flos*, flower] bearing many flowers.
multifoliate *a.* [L. *multus*, many; *folium*, leaf] with many leaves.
multifoliolate *a.* [L. *multus*, many; *foliolum*, small leaf] with many leaflets.
multiform *a.* [L. *multus*, many; *forma*, form] occurring in, or containing, different forms; *appl.* layer: inner cell lamina of cerebral cortex, *alt.* polymorphous.
multiganglionate *a.* [L. *multus*, many; Gk. *ganglion*, small tumour] with several or many ganglia.
multigyrate *a.* [L. *multus*, many; *gyrus*, circle] with many gyri; tortuous.
multijugate *a.* [L. *multus*, many; *jugum*, yoke] having many pairs of leaflets.
multilacunar *a.* [L. *multus*, many; *lacuna*, cavity]

with many lacunae; having a number of leaf gaps, *appl.* nodes.
multilaminar *a.* [L. *multus*, many; *lamina*, plate] composed of several or many laminae.
multilobar, multilobate *a.* [L. *multus*, many; *lobus*, lobe] composed of many lobes.
multilobulate *a.* [L. *multus*, many; *lobulus*, small lobe] having many lobules.
multilocular, multiloculate *a.* [L. *multus*, many; *loculus*, compartment] having many cells or chambers; *appl.* spore; sporoderm, *q.v.*; containing a number of oil droplets, as cells in brown fat; plurilocular, *q.v.*; *cf.* unilocular, multicamerate.
multimer *n.* [L. *multus*, many; Gk. *meros*, part] a protein molecule made of several polypeptide chains.
multinervate *a.* [L. *multus*, many; *nervus*, sinew] with many nerves or nervures.
multinodal, multinodate *a.* [L. *multus*, many; *nodus*, knot] with many nodes.
multinomial *a.* [L. *multus*, many; *nomen*, name] *appl.* a name or designation composed of several names or terms; *cf.* binomial, trinomial.
multinucleate *a.* [L. *multus*, many; *nucleus*, kernel] with several or many nuclei; *alt.* polykaric, polynuclear, polynucleate.
multinucleolate *a.* [L. *multus*, many; *nucleolus*, small kernel] with more than one nucleolus.
multioovulate *a.* [L. *multus*, many; *ovum*, egg] with several or many oovules.
multiparous *a.* [L. *multus*, many; *parere*, to beget] bearing several, or more than one, offspring at a birth; developing several or many lateral axes, *alt.* pleiochasia.
multipennate *a.* [L. *multus*, many; *penna*, feather] *appl.* muscle containing a number of extensions of its tendon of insertion.
multi-perforate *a.* [L. *multus*, many; *perforare*, to bore through] having more than one perforation, *appl.* perforation plate.
multi-pinnate *a.* [L. *multus*, many; *pinnatus*, feathered] divided into many lateral processes or leaflets; many times pinnate.
multiple alleles a series of more than 2 alternative forms of a gene at a single locus; *alt.* multiple allelomorphs.
multiple corolla a corolla with 2 or more whorls of petals.
multiple diploid allopolyploid, *q.v.*
multiple factors genes having a joint or cumulative effect.
multiple fission repeated division; division into a large number of parts or spores.
multiple fruit anthocarp, *q.v.*
multiply *a.* [L. *multiplicare*, to make manifold] consisting of many; having many folds or pliae.
multipolar *a.* [L. *multus*, many; *polus*, axis end] *appl.* nerve cells with more than 2 axis-cylinder processes; involving more than 2 poles, *appl.* mitosis, normal in certain Sporozoa, but usually pathological; pluripolar, *q.v.*
multiporous *a.* [L. *multus*, many; Gk. *poros*, passage] having many pores.
multi-potent *a.* [L. *multus*, many; *potens*, able] capable of giving rise to several kinds of structures; *appl.* primordia, as in meristem.
multiradiate *a.* [L. *multus*, many; *radius*, ray] many-rayed; *appl.* spicule: polyaxon, *q.v.*

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