

## **LAB TERM WORKSHEETS**

The following lab term worksheets for the names of structures and parts of animals are provided to help you study/review the material covered in the laboratory portion of the course. You are not required to complete them. They are merely provided as a convenience.

**Zoo 250 Lab 1: Terms worksheet, Invertebrate relations & diversity**

Definition

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analogous \_\_\_\_\_

character \_\_\_\_\_

character states \_\_\_\_\_

clade \_\_\_\_\_

cladistic analysis \_\_\_\_\_

cladogram \_\_\_\_\_

class \_\_\_\_\_

classification \_\_\_\_\_

endoskeleton \_\_\_\_\_

exoskeleton \_\_\_\_\_

family \_\_\_\_\_

genus \_\_\_\_\_

homologous \_\_\_\_\_

kingdom \_\_\_\_\_

monophyletic \_\_\_\_\_

order \_\_\_\_\_

phylogenetic tree \_\_\_\_\_

phylum \_\_\_\_\_

polyphyletic \_\_\_\_\_

taxon \_\_\_\_\_

**Zoo 250 Lab 2: Terms worksheet, Microscopy Protista, Porifera**

	Definition	Taxon/Taxa to which term applies
adhesive disc	_____	_____
annulus (groove)	_____	_____
ascon, asconoid	_____	_____
chloroplast	_____	_____
choanocyte	_____	_____
contractile vacuole	_____	_____
eukaryote	_____	_____
flagellated chamber	_____	_____
flagellum	_____	_____
food vacuole	_____	_____
gelatinous matrix	_____	_____
gemmule	_____	_____
incurrent canal	_____	_____
leucon, leuconoid	_____	_____
macronucleus	_____	_____
magnification	_____	_____
merozoite	_____	_____
mesohyl	_____	_____
micronucleus	_____	_____
numerical aperture	_____	_____
oral groove	_____	_____
oscula, osculum	_____	_____
ostia	_____	_____

**Zoo 250 Lab 2: Terms worksheet, Microscopy Protista, Porifera (cont.)**

	Definition	Taxon/Taxa to which term applies
pinacocyte	_____	_____
pinacoderm	_____	_____
pseudopodia	_____	_____
resolution	_____	
sessile	_____	
shell pore	_____	_____
siliceous spicule	_____	_____
spicule	_____	_____
spongin	_____	_____
spongin fiber	_____	_____
spongocoel	_____	_____
sycon, syconoid	_____	_____
thecal plate	_____	_____
trophozoite	_____	_____
undulating membrane	_____	_____

**Zoo 250 Lab 3: Terms worksheet, Cnidaria, Ctenophora**

	Definition	Taxon/Taxa to which term applies
acontia	_____	_____
basal disk	_____	_____
basal lamina	_____	_____
body column	_____	_____
buds	_____	_____
cnidocyte	_____	_____
column (or stalk)	_____	_____
comb row	_____	_____
diploblastic	_____	_____
ephyra	_____	_____
epidermis	_____	_____
epithelio-muscular cell	_____	_____
gastric pouch	_____	_____
gastrodermis	_____	_____
gastrovascular cavity	_____	_____
gastrozoid	_____	_____
gonozooid	_____	_____
hypostome	_____	_____
manubrium	_____	_____
medusa	_____	_____
mesoglea	_____	_____
mouth lobe	_____	_____
nematocyst	_____	_____

**Zoo 250 Lab 3: Terms worksheet, Cnidaria, Ctenophora (cont.)**

	Definition	Taxon/Taxa to which term applies
oral disc	_____	_____
pedal disc	_____	_____
pharynx	_____	_____
planula larva	_____	_____
polyp	_____	_____
radial canal	_____	_____
radial symmetry	_____	_____
rhopalia	_____	_____
scyphistoma	_____	_____
septae	_____	_____
siphonoglyph	_____	_____
strobilation	_____	_____
swimming bell	_____	_____
tentacle	_____	_____
velum	_____	_____

**Zoo 250 Lab 4: Terms worksheet, Platyhelminthes, Nemertea**

Definition	Taxon/Taxa to which term applies
basal lamina _____	
bilateral symmetry _____	
bladder worm _____	_____
blood-vascular system _____	_____
cephalization _____	
cercaria _____	_____
coelom _____	_____
copulatory groove (in male) _____	_____
diverticula of gut _____	_____
flame cell _____	_____
genital pore _____	_____
gravid proglottid _____	_____
hexacanth larva _____	_____
longitudinal muscle layer _____	_____
mature proglottid _____	_____
mesenchyme _____	_____
miracidium _____	_____
oral sucker _____	_____
pharynx _____	_____
proglottid _____	_____
protonephridia _____	_____
redia _____	_____
rhabdite _____	_____

**Zoo 250 Lab 4: Terms worksheet, Platyhelminthes, Nemertea (cont.)**

	Definition	Taxon/Taxa to which term applies
scolex	_____	_____
sensory lobe	_____	_____
triploblastic	_____	_____
uterus	_____	_____
vagina	_____	_____
vas deferens	_____	_____
ventral sucker	_____	_____



**Zoo 250 Lab 5: Terms worksheet, Aschelminthes (Pseudocoelomates)**

	Definition	Taxon/Taxa to which term applies
acoelomate	_____	_____
adhesive foot	_____	_____
ciliated corona	_____	_____
complex life cycle	_____	_____
cuticle	_____	_____
eutely	_____	_____
foot	_____	_____
hemocoel	_____	_____
hydrostatic skeleton	_____	_____
lateral cord	_____	_____
lateral excretory canal	_____	_____
lateral nerve cord	_____	_____
molt	_____	_____
neuro-muscular process	_____	_____
oviduct	_____	_____
proboscis	_____	_____
pseudocoelom	_____	_____
seminal vesicle	_____	_____
simple life cycle	_____	_____
triploblastic	_____	_____
trunk	_____	_____
uterus, uteri	_____	_____
vagina	_____	_____

**Zoo 250 Lab 6 & 7: Terms worksheet, Mollusca & Sipuncula**

Definition	Taxon/Taxa to which term applies
albumen gland _____	_____
anterior adductor muscle scar _____	_____
anterior pedal-retractor muscle _____	_____
anterior vena cava _____	_____
aperture _____	_____
apex _____	_____
arm _____	_____
ascending arm _____	_____
body whorl _____	_____
branchial heart _____	_____
buccal mass _____	_____
caecum, ceca _____	_____
cephalic cartilage _____	_____
chromatophore _____	_____
columella _____	_____
concentric ridges _____	_____
crop _____	_____
ctenidia, ctenidium _____	_____
dart sac _____	_____
descending arm _____	_____
digestive gland _____	_____
demibranch _____	_____
esophagus _____	_____
eulamellibranch ctenidium _____	_____

**Zoo 250 Lab 6 & 7: Terms worksheet, Mollusca & Sipuncula (cont.)**

	Definition	Taxon/Taxa to which term applies
exhalant siphon	_____	_____
feeding tentacle	_____	_____
filibranch ctenidium	_____	_____
fin	_____	_____
flagellum	_____	_____
foot	_____	_____
frontal cilia	_____	_____
funnel	_____	_____
funnel retractor muscle	_____	_____
funnel valve	_____	_____
gill filament	_____	_____
girdle	_____	_____
glochidia larva	_____	_____
hinge teeth	_____	_____
inhalant siphon	_____	_____
ink sac	_____	_____
introvert	_____	_____
introvert retractor muscle	_____	_____
jaws	_____	_____
labial palp	_____	_____
lamellibranch ctenidium	_____	_____
lateral cilia	_____	_____
lateral mantle valve	_____	_____
laterofrontal cilia	_____	_____

**Zoo 250 Lab 6 & 7: Terms worksheet, Mollusca & Sipuncula (cont.)**

	Definition	Taxon/Taxa to which term applies
ligament	_____	_____
mantle	_____	_____
mantle cavity	_____	_____
metanephridia	_____	_____
mucous gland	_____	_____
nacre	_____	_____
nidamental gland	_____	_____
operculum	_____	_____
oviducal gland	_____	_____
oviduct	_____	_____
pallial line	_____	_____
pallial sinus	_____	_____
pen	_____	_____
pericardial coelom	_____	_____
periostracum	_____	_____
pneumostome	_____	_____
posterior adductor muscle scar	_____	_____
posterior pedal-retractor muscle	_____	_____
posterior vena cava	_____	_____
proboscis	_____	_____
radula	_____	_____
rectum	_____	_____
salivary gland	_____	_____
setae	_____	_____

**Zoo 250 Lab 6 & 7: Terms worksheet, Mollusca & Sipuncula (cont.)**

Definition	Taxon/Taxa to which term applies
shell	
shell sculpture	
siphon	
siphonal canal	
siphonal gape	
siphon retractor muscle	
siphuncle	
spermatophoric gland	
spermatophoric sac	
stellate ganglia	
sucker	
shell suture	
systemic heart	
tentacle	
trochophore larva	
umbilicus	
umbo	
vagina	
vas deferens	
veliger larva	
visceral mass	
whorl (of the shell)	

**Zoo 250 Lab 8: Terms worksheet, Annelida, Echiura, Pogonophora**

	Definition	Taxon/Taxa to which term applies
acicula(um)	_____	_____
annuli	_____	_____
anterior sucker	_____	_____
calciferous gland	_____	_____
circular muscles	_____	_____
clitellum	_____	_____
cocoon	_____	_____
coelomic epithelium	_____	_____
coelomic pore	_____	_____
crop	_____	_____
dorsal blood vessel	_____	_____
dorsal longitudinal muscle	_____	_____
genital pore	_____	_____
gizzard	_____	_____
jaws	_____	_____
longitudinal muscle	_____	_____
metamerism	_____	_____
metanephridia	_____	_____
muscular pharynx	_____	_____
neuropodium	_____	_____
notopodium	_____	_____
oblique muscle	_____	_____
opisthosoma	_____	_____

**Zoo 250 Lab 8: Terms worksheet, Annelida, Echiura, Pogonophora (cont.)**

	Definition	Taxon/Taxa to which term applies
palp	_____	_____
parapodia, parapodium	_____	_____
peristomium	_____	_____
pharynx	_____	_____
posterior sucker	_____	_____
prostomium	_____	_____
segment	_____	_____
seminal receptacle	_____	_____
seminal vesicle	_____	_____
septae	_____	_____
septum	_____	_____
setae	_____	_____
sperm groove	_____	_____
sucker	_____	_____
tentacle	_____	_____
trophosome	_____	_____
typhlosole	_____	_____
ventral blood vessel	_____	_____
ventral longitudinal muscle	_____	_____
ventral nerve cord	_____	_____

**Zoo 250 Lab 9 & 10: Terms worksheet, Arthropoda & Relatives**

	Definition	Taxon/Taxa to which term applies
1° antennae	_____	_____
2° antennae	_____	_____
abdomen	_____	_____
abdominal artery	_____	_____
apodeme	_____	_____
biramous limb	_____	_____
book gill	_____	_____
brachistegite	_____	_____
carapace	_____	_____
cephalothorax	_____	_____
chelicerae	_____	_____
cheliped	_____	_____
circular muscles	_____	_____
compound eye	_____	_____
digestive gland	_____	_____
endopod	_____	_____
exopod	_____	_____
gastric mill	_____	_____
gonopod	_____	_____
green gland	_____	_____
longitudinal muscle bundle	_____	_____
mandible	_____	_____
maxilla	_____	_____
maxilliped	_____	_____



**Zoo 250 Lab 9 & 10: Terms worksheet, Arthropoda & Relatives (cont.)**

	Definition	Taxon/Taxa to which term applies
nauplius larva	_____	_____
oblique muscles	_____	_____
ostia	_____	_____
pedipalp	_____	_____
pereopod	_____	_____
phyllopodous limb	_____	_____
pleopod	_____	_____
protopod	_____	_____
rostrum	_____	_____
spiracle	_____	_____
stalked eye	_____	_____
stenopodous limb	_____	_____
tagmata	_____	_____
tail spine	_____	_____
telson	_____	_____
trachea	_____	_____
uniramous limb	_____	_____
uropod	_____	_____

**Zoo 250 Lab 11: Terms worksheet, Deuterostomes**

	Definition	Taxon/Taxa to which term applies
aboral surface	_____	_____
ambulacral groove	_____	_____
ampulla(e)	_____	_____
Aristotle's lantern	_____	_____
bipinnaria	_____	_____
brachiolaria	_____	_____
cardiac stomach	_____	_____
cirri	_____	_____
cloaca	_____	_____
collar	_____	_____
dermal papula	_____	_____
digestive gland	_____	_____
dorsal valve (shell)	_____	_____
echinopluteus	_____	_____
exhalant siphon	_____	_____
gill slit	_____	_____
inhalant siphon	_____	_____
lateral canal	_____	_____
lophophore	_____	_____
madreporite	_____	_____
ophiopluteus	_____	_____
oral surface	_____	_____
oral cirri	_____	_____
ossicle	_____	_____

**Zoo 250 Lab 11: Terms worksheet, Deuterostomes (cont.)**

	Definition	Taxon/Taxa to which term applies
pedicellaria	_____	_____
pedicle	_____	_____
peristomial membrane	_____	_____
pharyngeal basket	_____	_____
pharynx	_____	_____
pinnule	_____	_____
pluteus	_____	_____
podia	_____	_____
Polian vesicle	_____	_____
prism	_____	_____
proboscis	_____	_____
pyloric ceca(um)	_____	_____
radial canal	_____	_____
radial nerve cord	_____	_____
respiratory tree	_____	_____
ring canal	_____	_____
stone canal	_____	_____
tentacle	_____	_____
tube foot	_____	_____
ventral valve (shell)	_____	_____
water vascular system	_____	_____