

Vocabulary Words & Concepts

Zoology
Life is hierarchical
Scientific theory
Hypothesis
Scientific Method
Comparative morphology
Historically Important People
Lamarck
Inheritance of acquired characteristics
Lyell
Uniformitarianism
Darwin
Voyage of the Beagle
On the Origin of Species
Wallace
The Malay Archipelago
Linnaeus
Classification
Systema Naturae
Hennig
Cladistics
Margulis
Endosymbiosis
Evolution
Descent
Natural selection
Adaptation
Mutation
Speciation
Gradualism
Sexual selection
Mass extinction
Homology
Convergence
Derived characters
Ancestral characters
Synapomorphic characters
Cladogram
Clades
Lineage
Monophyletic group
Paraphyletic group
Polyphyletic group
Outgroup comparison
Systematics
Taxonomy
Binomial
Species concepts
Prokaryotic cell
Eukaryotic cell
Sexual reproduction
Sex Cells (egg & sperm)
Flagella
Cilia
Multicellular life

Sessile
Motile
Collagen
Spicules
Spongin
Aquiferous system
 Asconoid
 Syconoid
 Leuconoid
Pinocytes (epidermal cells)
Porocytes (pore cells)
Choanocytes (collar cells)
Archeocytes (matrix cells)
Osculum
Ostia
Radial symmetry
Bilateral symmetry
Gastrovascular cavity
 Incomplete gut (= blind gut)
 Complete gut
True" Tissue
 Diploblastic germ layers
 Epidermis
 Gastrodermis
 Triploblastic germ layers
 Ectoderm
 Mesoderm
 Endoderm
Epithelio-muscular cells
Nerve Net
Brain
Cnidocytes
 Nematocysts
 Mechanism for discharge
Tentacles
Polyp
Medusa
Mesoglea
Planula larval stage
Strobila
Colloblasts
Comb row
Cephalization
Sense Organs
Blastopore
Radial cleavage
Spiral cleavage
Free-living animal
Symbiosis
 Mutualism
 Commensalism
 Parasitism
 Endoparasitic
 Ectoparasitic
Intermediate host
Definitive host
Cercaria

Schistosomiasis
Life cycle of *Clonorchis*
Syncytial tegument
Opisthapter
Scolex
Tapeworm Strobila
Proglottid
Tapeworm Lifecycle
Zoid
Muscular foot
Mantle
Shell
 Hinge ligament
 Adductor muscles
 Valves
 Pen
Gills & lungs
Sense Organs
Coelum (body cavity)
Radula
Odontophore
Incurrent & Excurrent Siphons
Trochophore larva
Veliger
Colonial animals (*e.g.*, siphonophores)
Suspension feeding
Herbivorous
Carnivorous
Coiling
Torsion
Detorsion
Fouling
Funnel
Ink sac
Cryptic coloration
Metamerically segmented
Setae
Parapodia
Clitellum