

## Key Words

### Platyhelminthes

Platyhelminthes phylogeny  
Lophotrochozoa  
Trochophore larva  
Lophophore  
Lophotrochozoa phylogeny  
Platyzoa  
Flat bodies  
Taxonomy  
Class Turbellaria  
Class Trematoda  
Class Monogenea  
Class Cestoidea  
Flatworms  
Endoparasites  
Ectoparasites  
Triploblast  
Acoelomate  
Planaria  
Circular muscles  
Longitudinal muscles  
Dorso-ventral muscles  
Parenchyma  
Cilia  
Mucus  
Adhesion glands  
Releaser glands  
Rhabdites  
Protective mucus  
Surface-to-volume ratio  
Digestive cavity  
Diverticula  
Pharynx  
Mouth opening  
Pharynx sheath  
Extra-cellular digestion  
Osmoregulation  
Hypertonic in freshwater  
Protonephridia  
Excretory tubes  
Excretory tubules

Flame cell  
Tubule lumen  
Nephridiopore  
Nervous system  
Auricle  
Chemosensory reception  
Eyespot  
Ocellus  
Brain  
Cerebral ganglion  
Longitudinal nerve cords  
Transverse net  
Pigment cup  
Retinular cells  
Sensory neurons  
Photoreception  
Light intensity  
Asexual reproduction  
Fission  
Anterior zooid  
Posterior zooid  
Sexual reproduction  
Hermaphrodite  
Monoecious  
Dual sperm transfer  
Testis  
Sperm duct  
Vas deferens  
Seminal vesicle  
Penis  
Ovary  
Oviduct  
Yolk glands  
Vitellaria  
Genital pore  
Copulatory sac  
Genital chamber  
Internal fertilization  
Penis fencing  
Trematode flukes  
Oral sucker  
Pharynx  
Acetabulum  
Excretory bladder

Vitelline duct  
Uterus  
Genital opening  
Tegument  
Microvillus  
Spine  
Glycocalyx  
Basement membrane  
Cytoplasmic bridge  
Outer zone  
Inner zone  
Parenchyma  
Trematode lifecycle  
Egg  
Operculum  
Miracidium  
Sporocyst  
Redia  
Cercaria  
Metacercaria  
Vertebrate host  
Monogenea flukes  
Prohaptor  
Opishaptor  
Cestode tapeworms  
Scolex  
Rostellum  
Hooks  
Sucker  
Proglottid  
Copulatory organ  
Cirrus  
Genital pore  
Ootype  
Seminal receptacle  
Mehlis gland  
Yolk gland  
Cestode lifecycle  
Onchosphere  
Cysticercus  
Embryonated egg  
Coracidium  
Procercoid  
Plerocercoid

Bothrium  
Diffusion  
Respiration  
Excretion