

**Taxa To Be Covered**

**Phylum Porifera**

- Class Calcarea
- Class Hexactinellida
- Class Demospongiae

**Phylum Placozoa**

**Phylum Cnidaria**

- Class Hydrozoa
- Class Scyphozoa
- Class Cubozoa
- Class Anthozoa

**Phylum Ctenophora**

**Phylum Acoelomorpha**

**Phylum Platyhelminthes**

- Class Turbellaria
- Class Trematoda
- Class Monogenea
- Class Cestoda

**Phylum Mesozoa**

**Phylum Nemertea**

**Phylum Gnathostomulida**

**Phylum Rotifera**

**Phylum Acanthocephala**

**Phylum Gastrotricha**

**Phylum Entoprocta**

**Phylum Ectoprocta**

**Phylum Brachiopoda**

**Phylum Phoronida**

**Phylum Mollusca**

- Class Monoplacophora
- Class Polyplacophora
- Class Scaphopoda
- Class Gastropoda
- Class Bivalvia
- Class Cephalopoda

**Phylum Annelida**

- Class Polychaeta
- Class Oligochaeta
- Class Hirudinea

**Phylum Echiura**

**Phylum Sipuncula**

**Phylum Nematoda**

**Phylum Nematomorpha**

**Phylum Kinorhyncha**

**Phylum Priapulida**

**Phylum Loricifera**

**Phylum Onychophora**

**Phylum Tardigrada**

**Phylum Arthropoda**

**Subphylum Trilobita**

**Subphylum Chelicerata**

**Class Arachnida**

**Subphylum Myriapoda**

**Class Chilopoda**

**Class Diplopoda**

**Class Pauropoda**

**Class Symphyla**

**Subphylum Crustacea**

**Class Branchiopoda**

**Class Ostracoda**

**Class Maxillopoda**

**Class Malacostraca**

**Subphylum Hexapoda**

**Class Insecta**

**Order Ephemeroptera**

**Order Odonata**

**Order Orthoptera**

**Order Dermaptera**

**Order Plecoptera**

**Order Isoptera**

**Order Mallophaga**

**Order Anoplura**

**Order Hemiptera**

**Order Homoptera**

**Order Neuroptera**

**Order Coleoptera**

**Order Lepidoptera**

**Order Diptera**

**Order Trichoptera**

**Order Siphonaptera**

**Order Hymenoptera**

**Phylum Chaetognatha**

**Phylum Echinodermata**

**Class Crinoidea**

**Class Asteroidea**

**Class Ophiuroidea**

**Class Echinoidea**

**Class Holothuroidea**

**Phylum Hemichordata**

**Phylum Chordata**

**Phylum Chordata**

**Subphylum Urochordata**

**Subphylum Cephalochordata**

**Subphylum Vertebrata**

**Superclass Agnatha**

Class Myxini

Class Cephalaspidomorphi

"Class" Ostracodermi

**Superclass Gnathostomata**

Class Chondrichthyes

**Subclass Elasmobranchii**

**Subclass Holocephali**

"Class" Placodermi

Osteichthyes

Class Actinopterygii

**Subclass Chondrostei**

**Subclass Neopterygii**

Class Sarcopterygii

Class Amphibia

**Order Gymnophiona**

**Order Caudata (Urodela)**

**Order Anura**

"Class" Reptilia

**Subclass Anapsida**

Order Testudines

**Subclass Diapsida**

Superorder Lepidosauria

Order Squamata

Suborder Lacertilia

Suborder Amphisbaenia

Suborder Serpentes

Order Sphenodonta

Superorder Ichthyosauria

Superorder Sauropterygia

Order Plesiosauria

Superorder Archosauria

Order Thecodontia

Order Crocodylia

Order Pterosauria

Order Saurischia

Suborder Sauropodomorpha

Suborder Theropoda

Birds

Order Ornithischia

**Subclass Synapsida**

Order Pelycosauria

Order Therapsida

Mammals

Class Aves

Class Mammalia

**Subclass Prototheria**

Infraclass Ornithodelphia

Order Monotremata

**Subclass Theria**

Infraclass Metatheria

Various Marsupial orders

Infraclass Eutheria

Order Insectivora

Order Dermoptera

Order Chiroptera

Order Primates

Order Xenarthra

Order Lagomorpha

Order Rodentia

Order Carnivora

Order Proboscidea

Order Sirenia

Order Perissodactyla

Order Artiodactyla

Order Cetacea