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| **Phylum** | **Class (if given)** | **Characteristics** | **Organism Examples** |
| Cnidaria |  |  |  |
|  | Cubozoa |  |  |
|  | Scyphozoa |  |  |
|  | Anthozoa |  |  |
|  | Hydrozoa |  |  |
| Platyhelminthes |  |  |  |
| Nematoda |  |  |  |
| Sipunculida |  |  |  |
| Porifera |  |  |  |
| Ctenophora |  |  |  |
| Brachiopoda |  |  |  |
| Arthropoda |  |  |  |
|  | Malacostraca |  |  |
| Annelida |  |  |  |
|  | Polychaeta |  |  |
|  | Oligochaeta |  |  |
|  | Hirudinea |  |  |
| Mollusca |  |  |  |
|  | Bivalvia |  |  |
|  | Cephalopoda |  |  |
|  | Polyplachophora |  |  |
|  | Gastropoda |  |  |
| Echindodermata |  |  |  |
|  | Holothuroidea |  |  |
|  | Echinoidea |  |  |
|  | Ophiuroidea |  |  |
|  | Crinoidea |  |  |
|  | Asteroidea |  |  |
| Phylum Chordata |  |  |  |
| Subphylum Vertebrata |  |  |  |
|  | Agnatha |  |  |
|  | Chondrichthyes |  |  |
|  | Mammalia |  |  |
|  | Teleostomi |  |  |
|  | Reptilia |  |  |
|  | Aves |  |  |