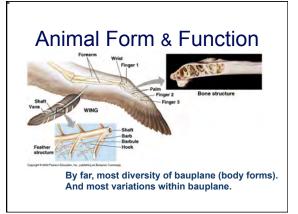
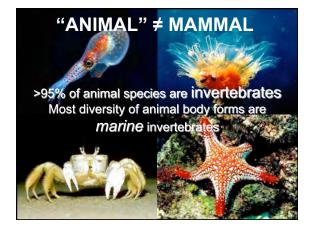


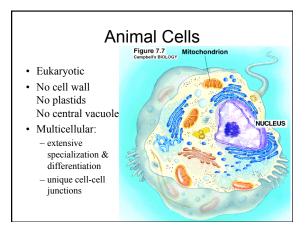
- Zoology (zoi = animals, ology = study of)
 Dates to Aristotle's writings about animals based on simple observation.
- Grown from descriptive & qualitative to predictive quantitative field.
 Immense body of knowledge special action in topics vs. animal groups:













Animals

Motile

Highly differentiated tissues

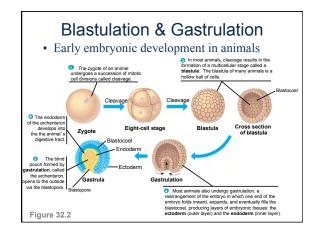
Intercellular junctions – tissue-specific **cadherins**

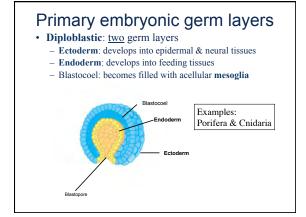
Extracellular protein fibers

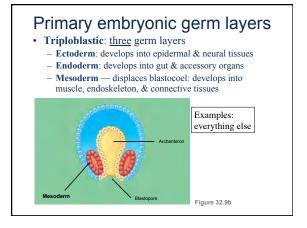
– collagen

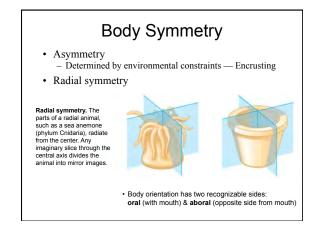
Diploid life cycle

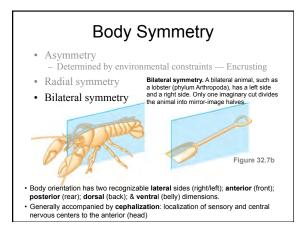
Blastula/gastrula embryo

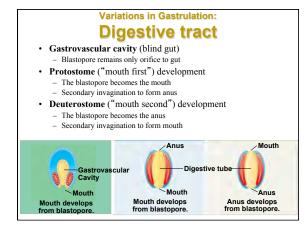


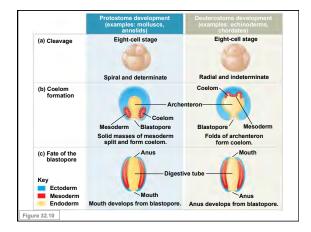


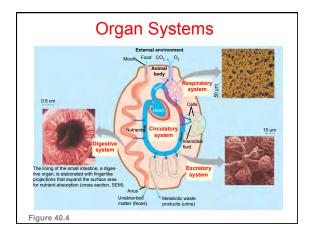


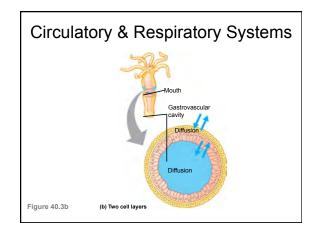


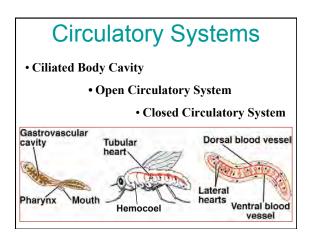


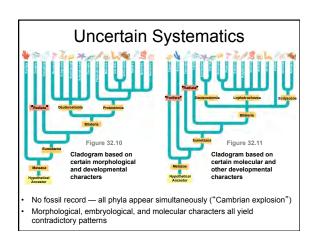


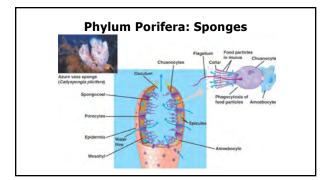


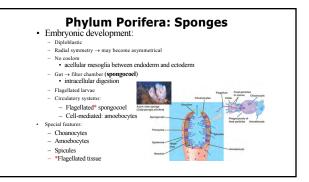




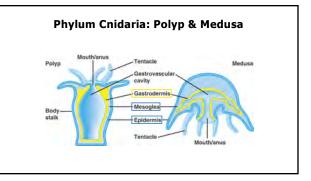


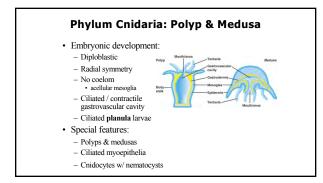


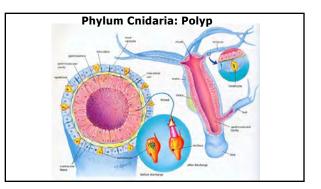


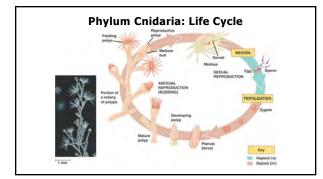


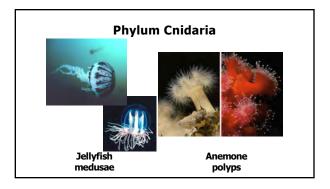


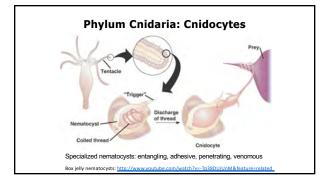












Phylum Cnidaria: Corals

polyps w/symbiotic zooxanthellae (photosynthetic protists)

