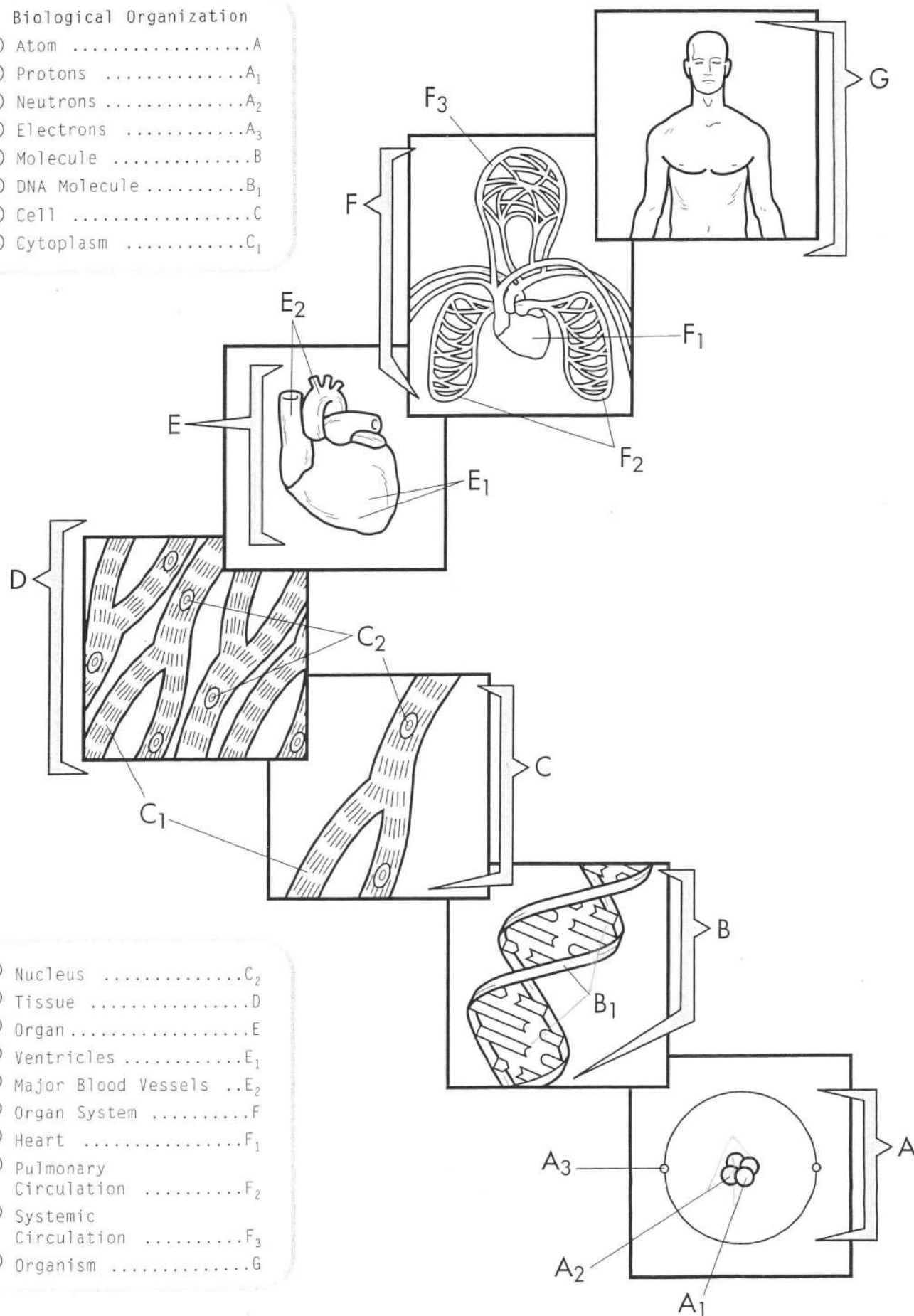


Biological Organization

Biological Organization

- ☐ AtomA
- ☐ ProtonsA₁
- ☐ NeutronsA₂
- ☐ ElectronsA₃
- ☐ MoleculeB
- ☐ DNA MoleculeB₁
- ☐ CellC
- ☐ CytoplasmC₁



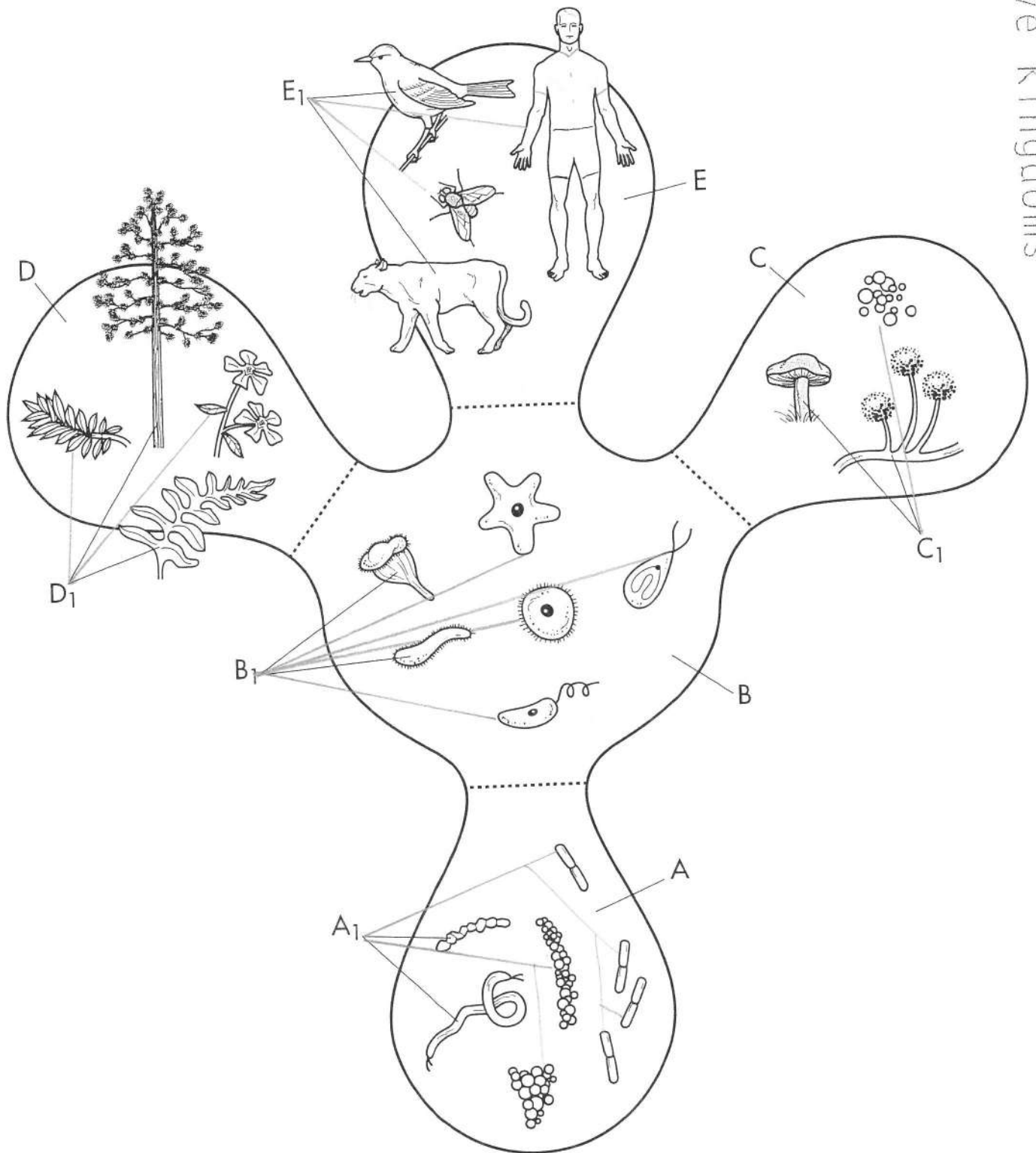
- ☐ NucleusC₂
- ☐ TissueD
- ☐ OrganE
- ☐ VentriclesE₁
- ☐ Major Blood Vessels ..E₂
- ☐ Organ SystemF
- ☐ HeartF₁
- ☐ Pulmonary CirculationF₂
- ☐ Systemic CirculationF₃
- ☐ OrganismG

NAME :

* COLOR ALL

#2

Five Kingdoms



The Five Kingdoms

- Kingdom MoneraA
- MoneransA₁
- Kingdom ProtistaB

- ProtistsB₁
- Kingdom Fungi.....C
- Molds and YeastsC₁
- Kingdom Plantae.....D

- PlantsD₁
- Kingdom AnimaliaE
- Animals.....E₁

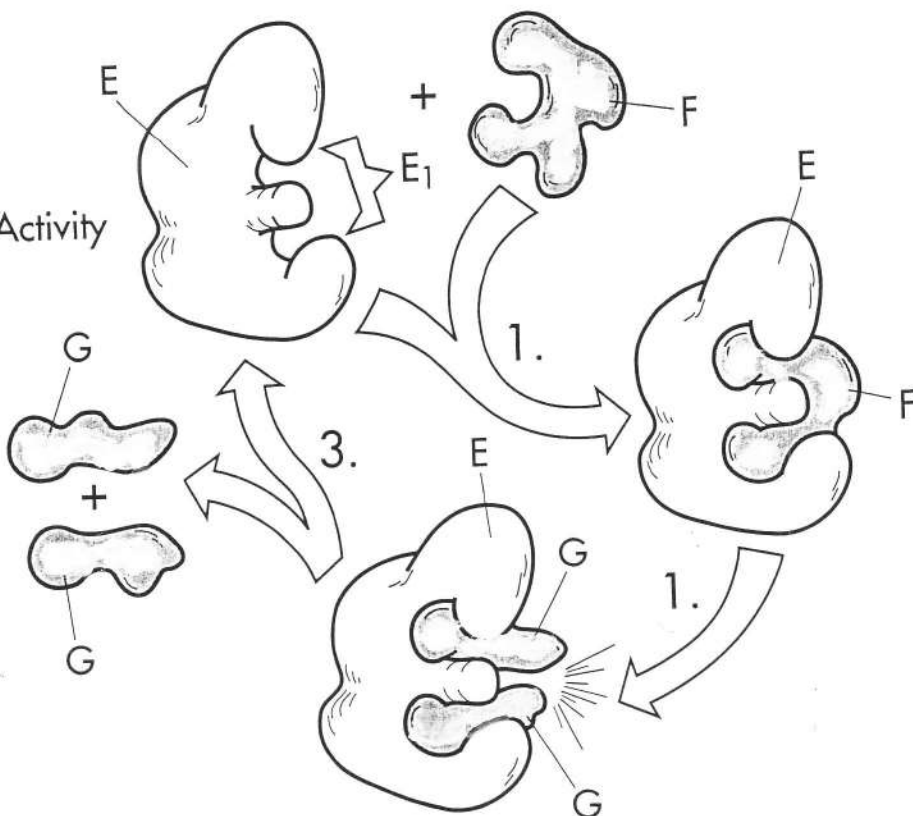
* USE (10) DIFFERENT COLORS *

NAME: _____

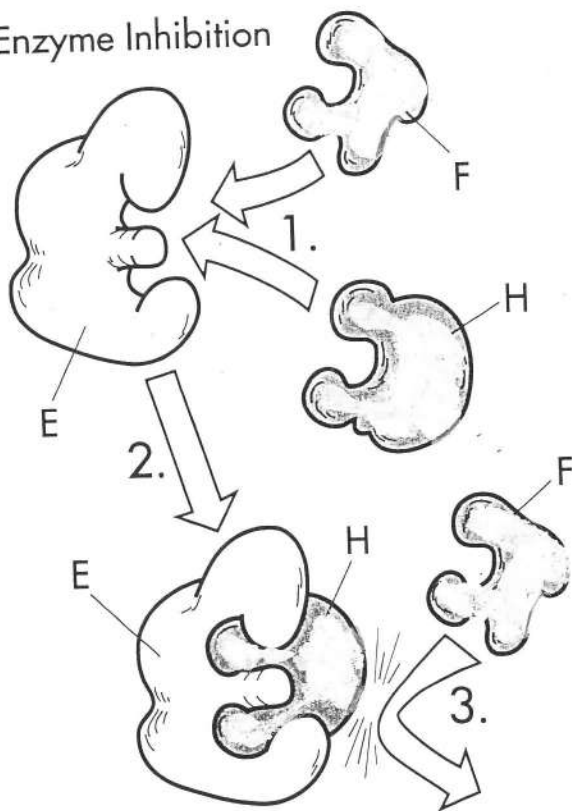
COLOR ALL

Enzymes

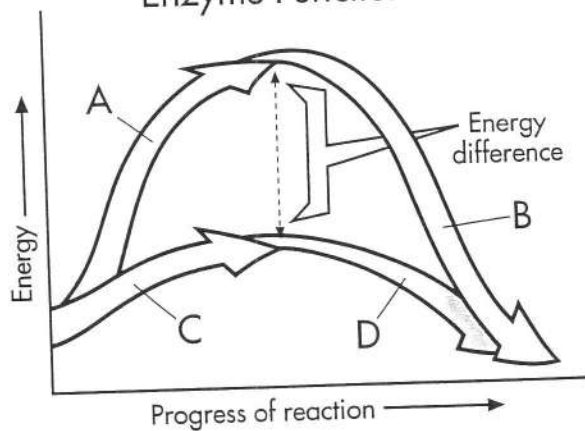
Enzyme Activity



Enzyme Inhibition



Enzyme Function



Reaction Without Enzyme

- ☐ ReactantsA
- ☐ Products.....B

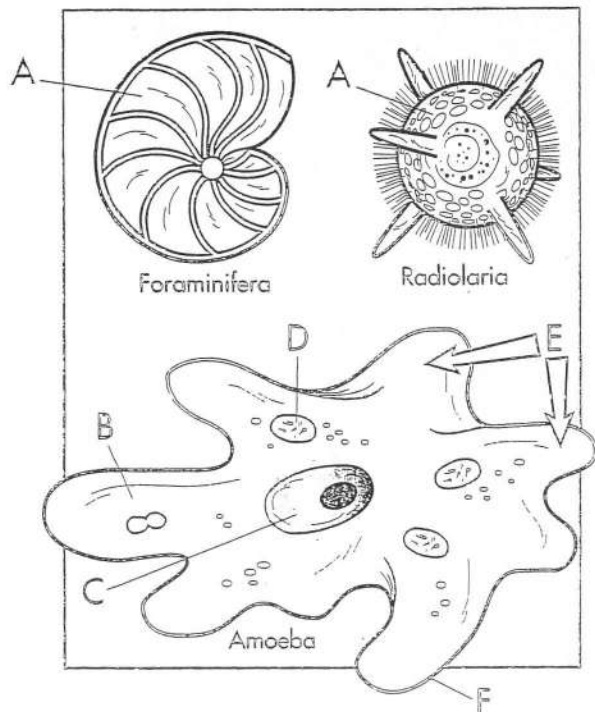
Enzymes

Reaction With Enzyme

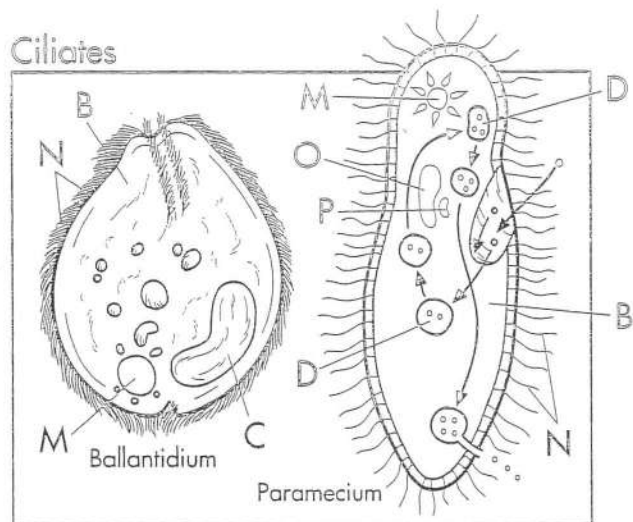
- ☐ ReactantsC
- ☐ ProductsD
- ☐ EnzymeE
- ☐ Active SiteE₁

- ☐ Substrate.....F
- ☐ ProductsG
- ☐ Inhibitor.....H

Sarcodines

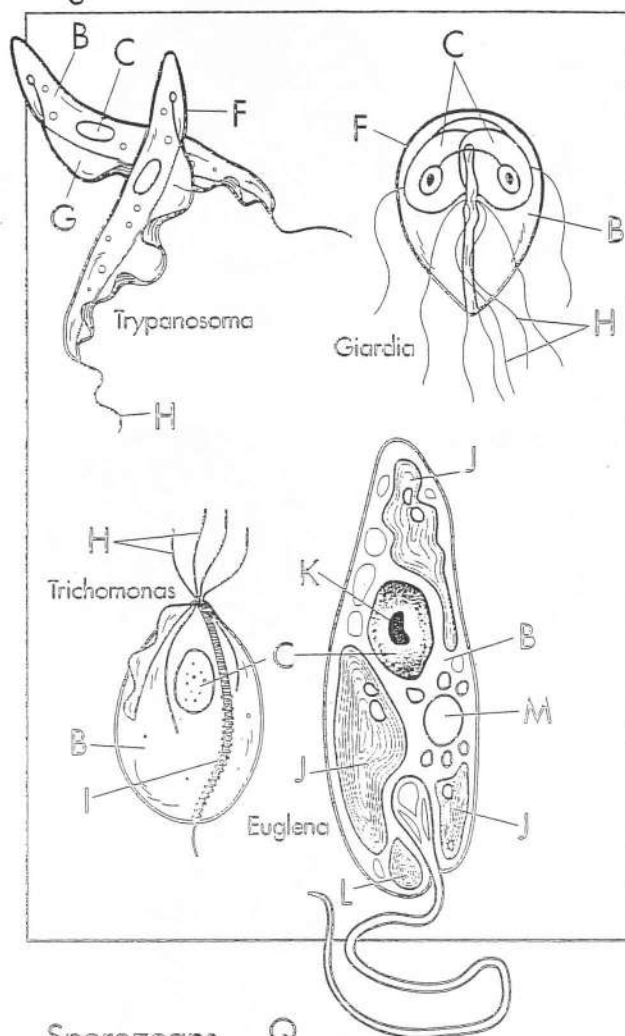


Ciliates

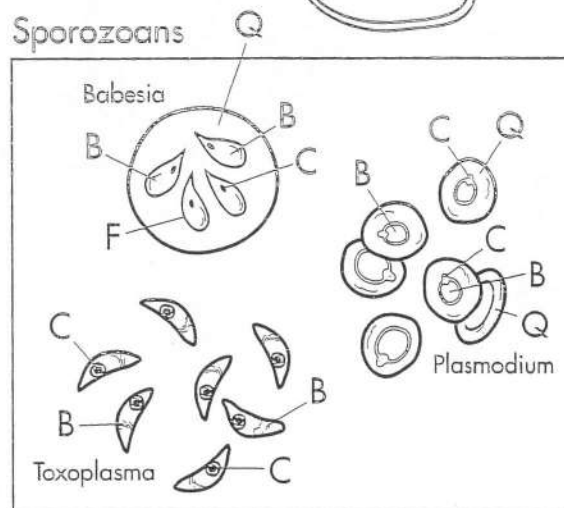


Flagellates

* COLOR ALL



Sporozoans

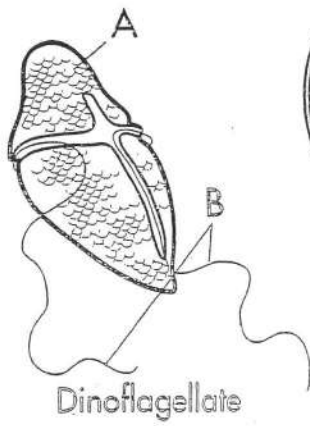


Protozoa

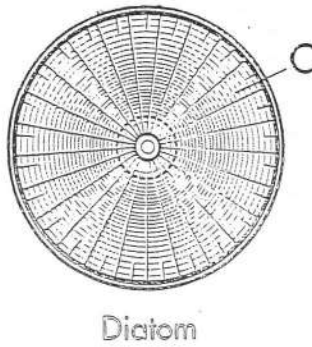
- | | | |
|---|--|--|
| ☐ Shelled Amoebae.....A | ☐ Undulating Membrane....G | ☐ Contractile Vacuole....M |
| ☐ Cytoplasm.....B | ☐ Flagellum.....H | ☐ Cilia.....N |
| ☐ Nucleus.....C | ☐ Costa.....I | ☐ MacronucleusO |
| ☐ Food VacuoleD | ☐ ChloroplastsJ | ☐ MicronucleusP |
| ☐ Pseudopodia.....E | ☐ Nucleolus.....K | ☐ Red Blood CellQ |
| ☐ Cell Membrane.....F | ☐ Eyespot.....L | |

NAME :

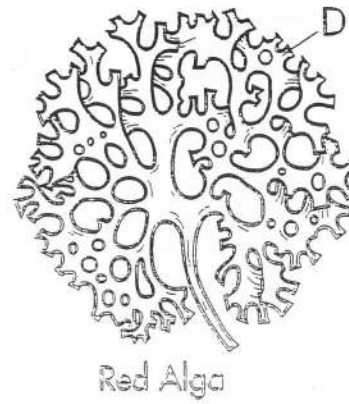
Simple Algae



Dinoflagellate

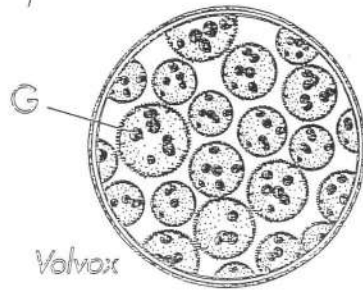
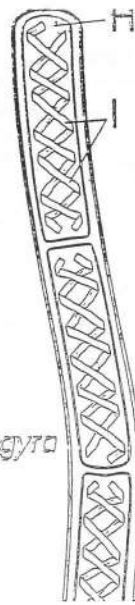


Diatom

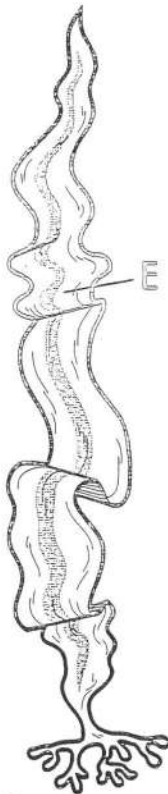


Red Alga

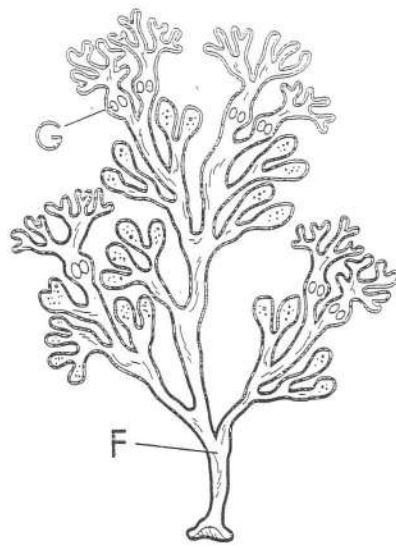
Spirogyra



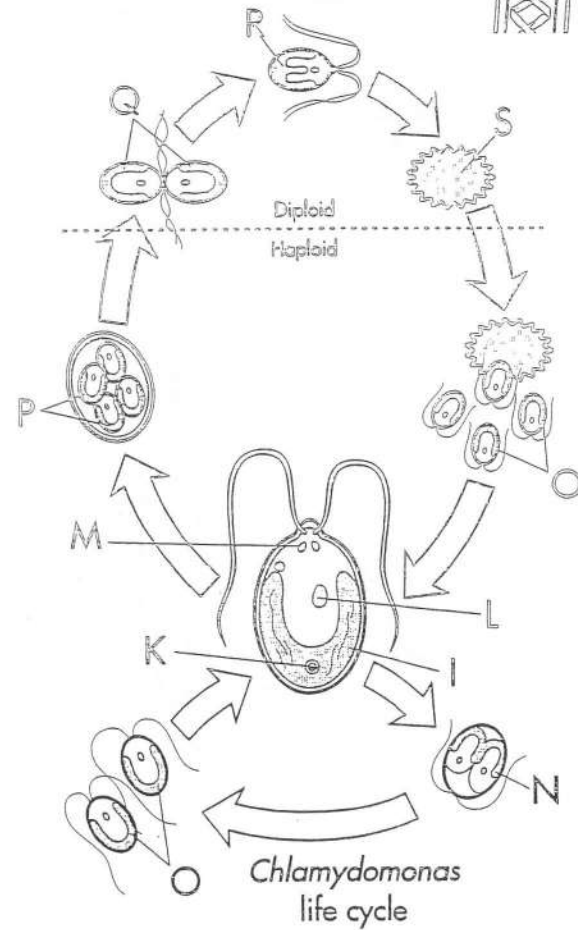
Volvox



Laminaria



Fucus



Simple Algae

- ☐ DinoflagellateA
- ☐ FlagellaB
- ☐ DiatomC
- ☐ ChondrasD
- ☐ LaminariaE
- ☐ FucusF

- ☐ Air BladdersG
- ☐ SpirogyraH
- ☐ ChloroplastI
- ☐ NucleusK
- ☐ Starch GranuleL
- ☐ EyespotM

- ☐ Haploid ZoosporeN
- ☐ ZoosporesO
- ☐ Developing GametesP
- ☐ Gametes FusingQ
- ☐ ZygosporeR
- ☐ Meiotic ZygosporeS

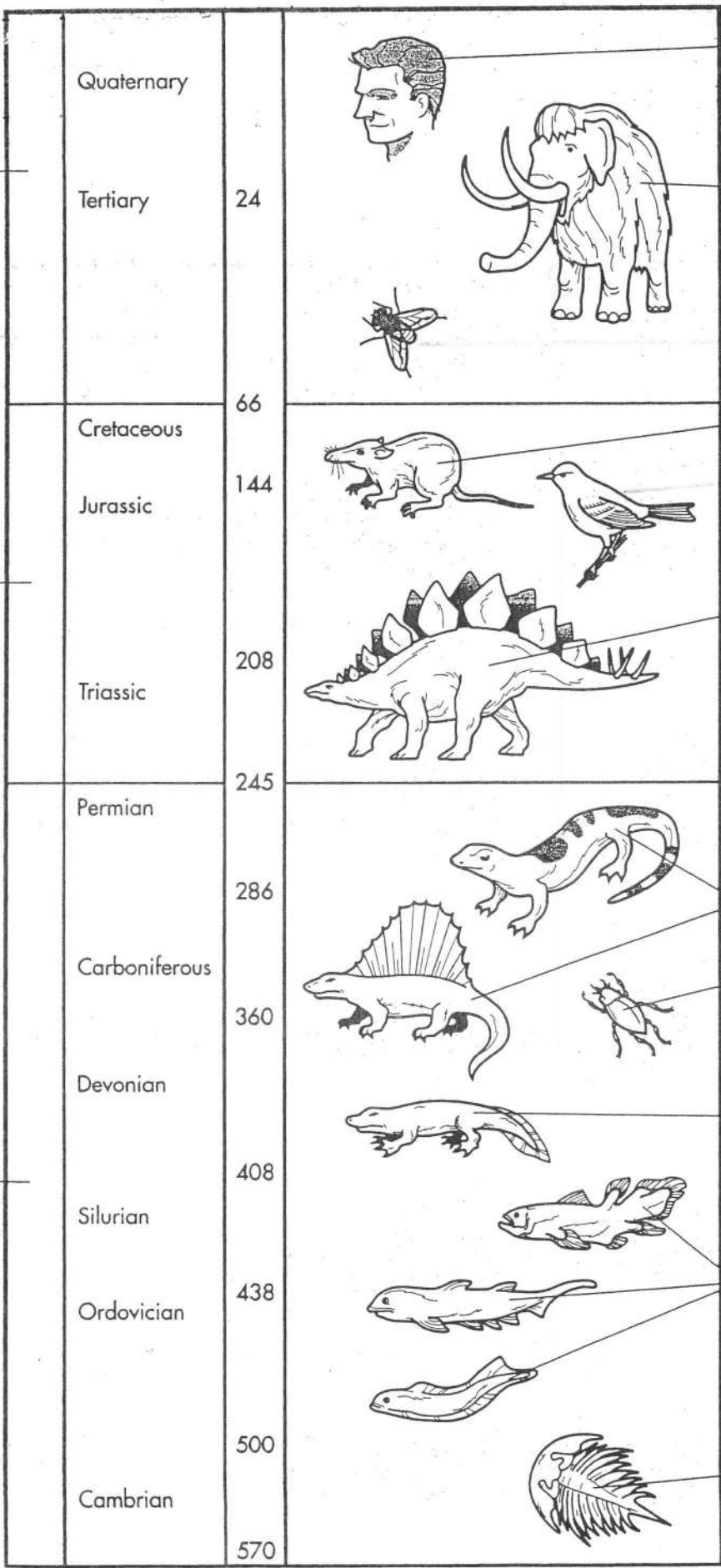
NAME _____

History of Life on Earth

J

G

A



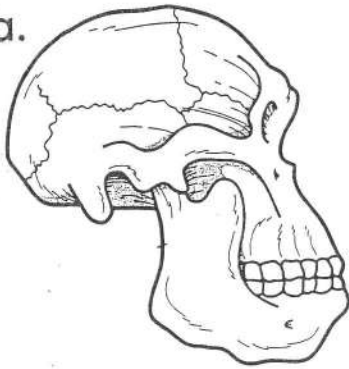
"MYA"

- History of Life on Earth
- ☐ Paleozoic EraA
 - ☐ Marine Invertebrates..B
 - ☐ FishC
 - ☐ AmphibiansD
 - ☐ InsectsE
 - ☐ ReptilesF
 - ☐ Mesozoic EraG
 - ☐ DinosaursH
 - ☐ MammalsI
 - ☐ Cenozoic EraJ
 - ☐ HumansK

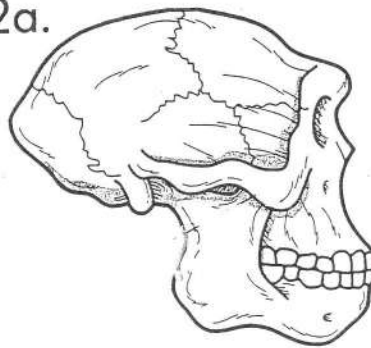
* COLOR YOUR CHOICE - BIRD

NAME: _____

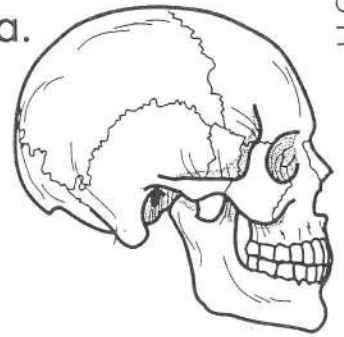
1a.



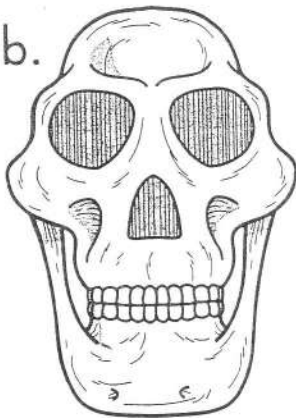
2a.



3a.



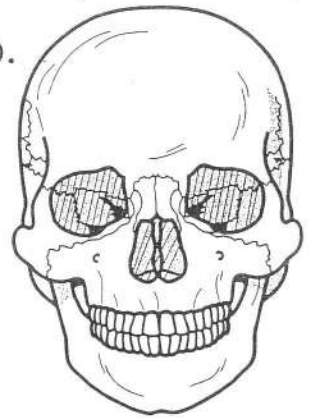
1b.



2b.



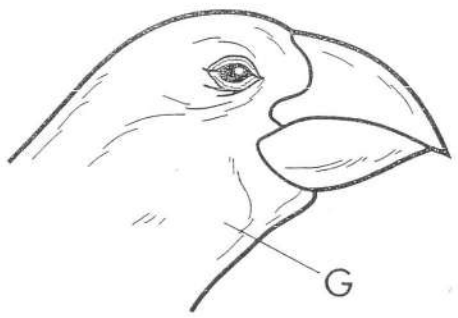
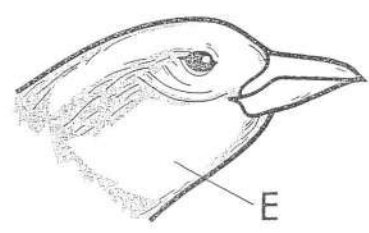
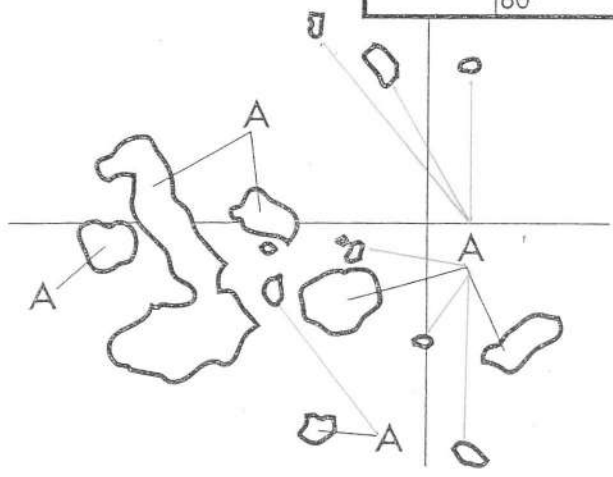
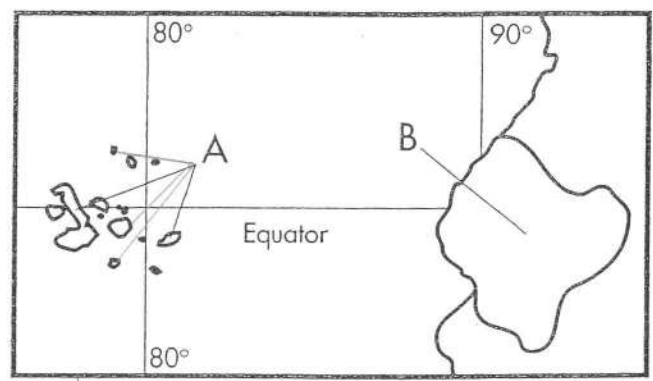
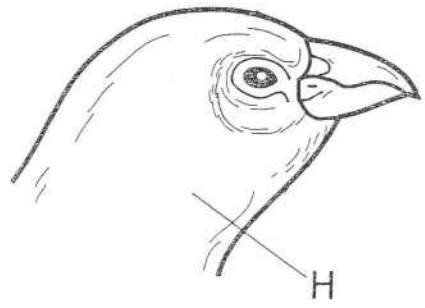
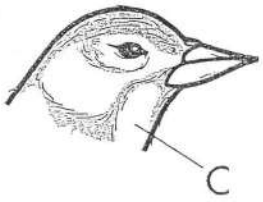
3b.



Human Evolution

- ☐ *Australopithecus afarensis*1a, 1b
- ☐ *Homo erectus*2a, 2b
- ☐ *Homo sapiens*3a, 3b

NAME: _____

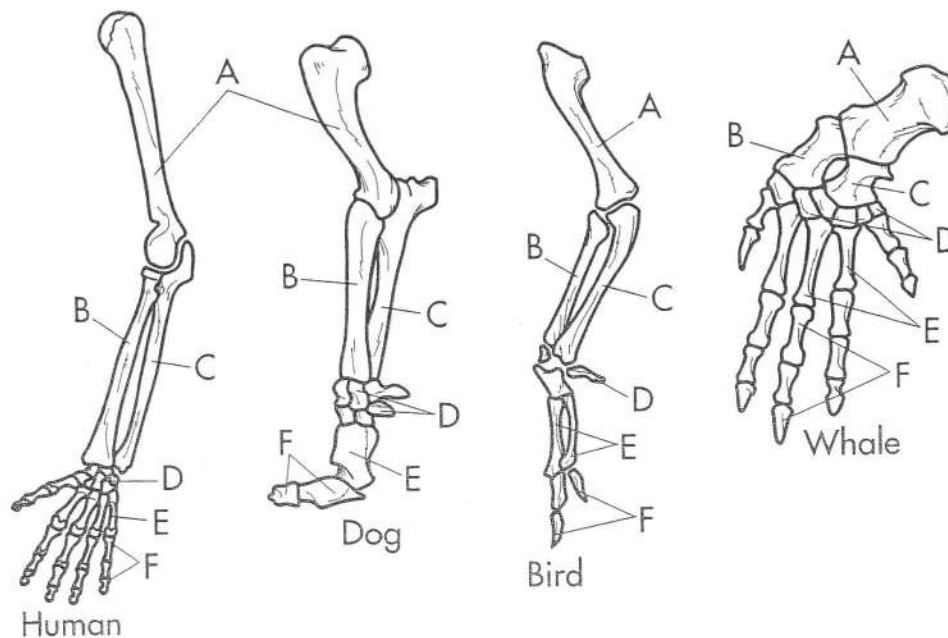


Darwin's Finches

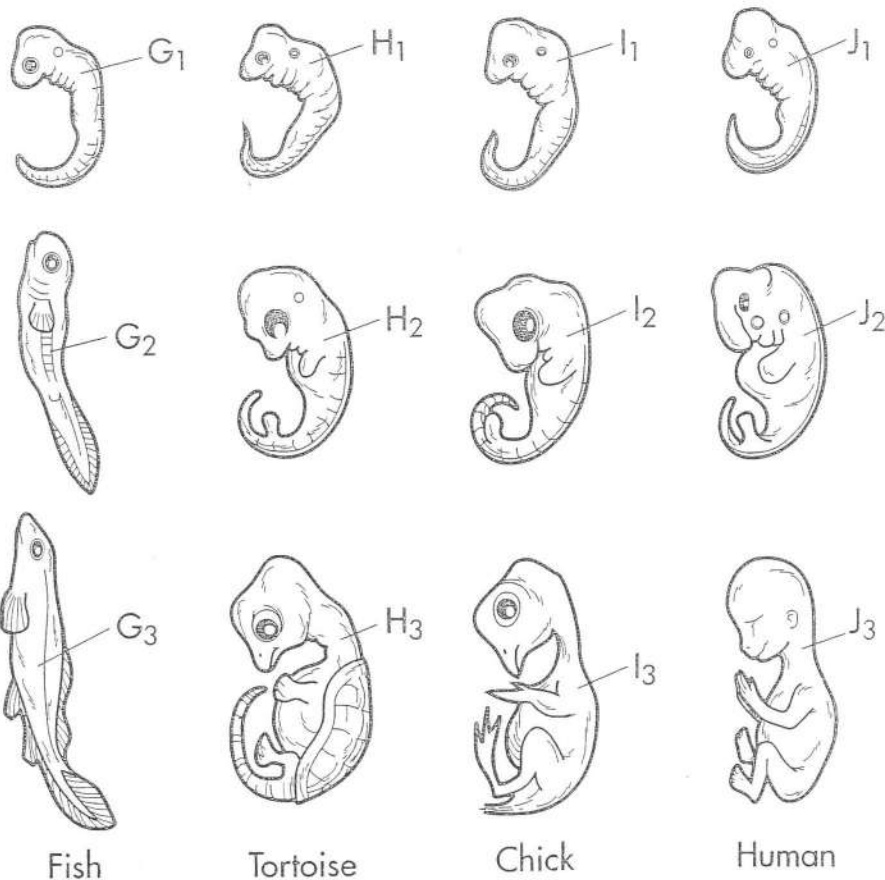
- | | | |
|---|--|--|
| ☐ Galapagos Islands.....A | ☐ Insect-eating Finch....D | ☐ Plant-eating FinchF |
| ☐ Ecuador.....B | ☐ Woodpeckerlike Finch ..E | ☐ Ground FinchG |
| ☐ Warblerlike Finch.....C | | ☐ Cactus-eating Finch....H |

NAME:

Comparative Anatomy



Comparative Embryology



Evidence for Evolution

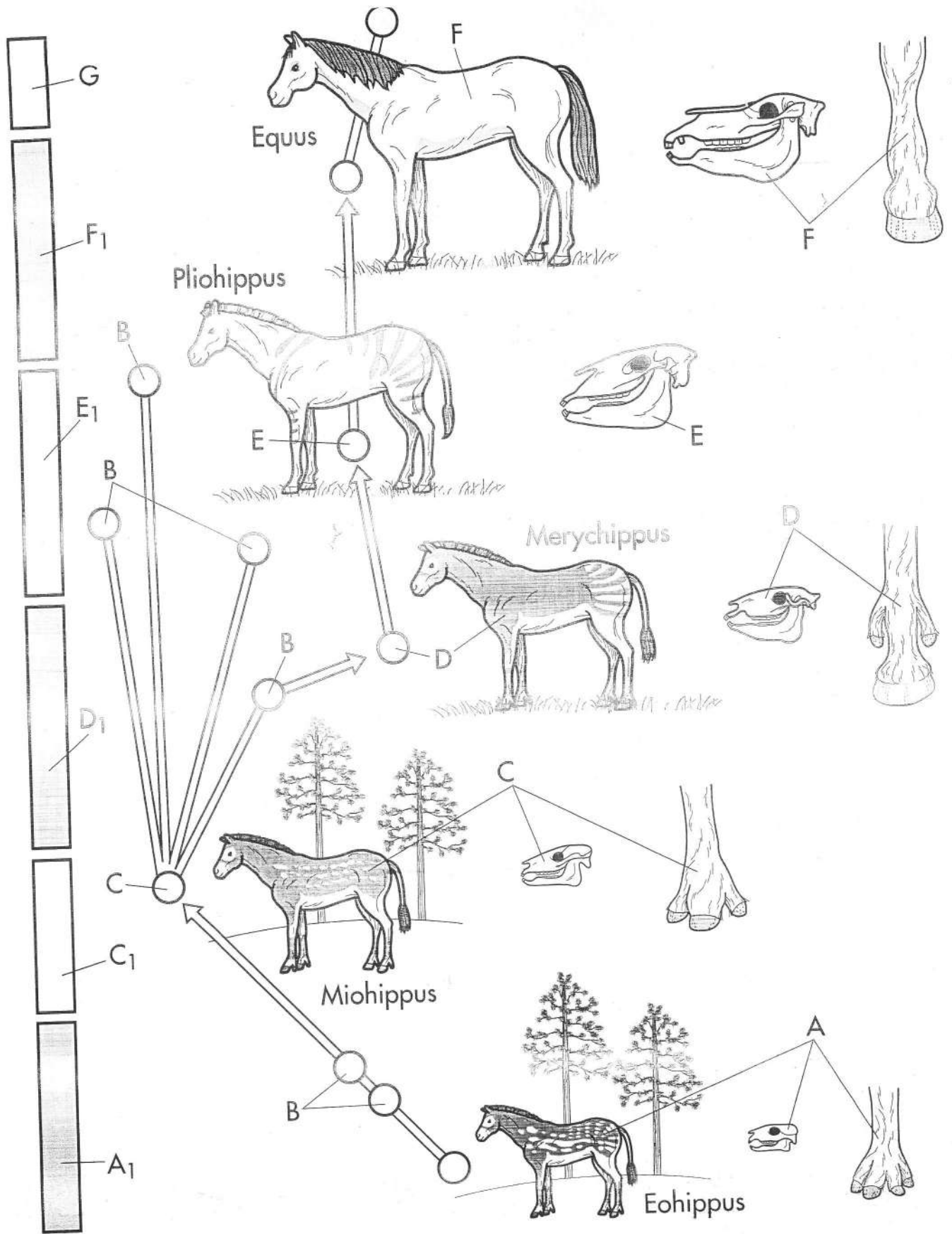
Comparative Anatomy

- ☐ HumerusA
- ☐ Radius.....B
- ☐ UlnaC
- ☐ CarpalsD
- ☐ MetacarpalsE
- ☐ PhalangesF

Comparative Embryology

- ☐ Fish Embryo.....G₁
- ☐ Tortoise Embryo....H₁
- ☐ Chick EmbryoI₁
- ☐ Human EmbryoJ₁
- ☐ Fish FetusG₂
- ☐ Tortoise FetusH₂
- ☐ Chick Fetus.....I₂
- ☐ Human Fetus.....J₂
- ☐ Fish NewbornG₃
- ☐ Tortoise Newborn ..H₃
- ☐ Chick Newborn.....I₃
- ☐ Human Newborn.....J₃

Example of Evolution



An Example of Evolution

- *Eohippus*A
- Eocene EpochA₁
- Horse-like SpeciesB
- *Miohippus*C

- Oligocene EpochC₁
- *Merychippus*D
- Miocene EpochD₁
- *Pliohippus*E

- Pliocene EpochE₁
- *Equus*F
- Pleistocene EpochF₁
- Recent EpochG