

Ward's Digital Slides: Middle School Life Science Set

Image Listing Included:

LS1: Molecules to organisms: Structures and processes

LS1.A How do the structures of organisms help them to perform life's functions? (Structure and Function)
Compare cells that perform similar functions in plants and animals. Compare epithelial cells of animal skin and epidermal cells of plants; vascular tissue of plants and animal arteries and veins; support structures of plants compared to bones; how is nutrition transported in plants and animals?

917444	Zea, Mature Root
917448	Zea Stem
917882	Dianthus leaf
923671	Frog Artery, Vein, Nerve
931214	Wood Fibers
933036	Stratified Squamous Epithelium
933319	Mammalian-Joint
933321	Mouse Tail
934534	Ileum-Peyer's Patches
940210	Cork
918142	Ranunculus Root

LS1.D How do organisms detect, process, and use information about the environment? (Information processing)
Sense organs detect information and pass it to the nervous system for processing. The common sense organs can be examined to see how they connect to the nervous system. The basic structures of a reflex arc can be discussed by following a sensory signal through the sensory ganglia and the spinal cord that generates a responsive signal out to the muscle cells.

933617	Giant Multipolar Motor Neurons
933657	Motor Nerve Endings
933703	Spinal Cord
933711	Spinal ganglion
933775	Cochlea-Inner Ear of Guinea Pig
933777	Crista Ampularis
933781	Eye General Structure
933787	Olfactory Epithelium
934458	Neuro-Epithelium
937018	Scalp-Unpigmented (Human)

LS2: Ecosystems: Interactions, energy and dynamics

LS2.B How do organisms in an ecosystem get the materials and energy they need?
(Flow of Matter and Energy Transfer in Ecosystems)

In a pond ecosystem, there are autotrophic, primary producers that convert light energy to food (algae, elodea) that is eaten by primary consumers (vegetarians) and secondary consumers (ex. carnivores). This occurs at the single cell level as well as the macroscopic level in the digestive systems of multicellular organisms. Decomposers, like bacteria, complete the cycling of matter and energy.

900557	Spirillum volutans
902042	Escherichia coli
910560	Mixed Green Algae
917128	Elodea-Submerged Leaf
920024	Amoeba proteus
920116	Euglena
920411	Paramecium caudatum
922050	Daphnia
923135	Zebra Fish Hatchling
934534	Ileum-Peyer's Patches
910270	Chlymdomonas
920005	Mixed Protozoa

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LS3: Heredity: Inheritance and variation of traits

LS3.A How are the characteristics of one generation of organisms related to the next generation? (Inheritance of Traits)
 Traits are passed from one generation to the next through reproduction which transfers DNA to the next generation through several mechanisms. Look at examples of mitosis and meiosis, asexual reproduction in animals, and gametes in plants and animals.

918056	Tobacco Flower
920651	Hydra Adult With Bud
932240	Fish Blasto-disc
932244	Meiosis & Mitosis
932271	DNA in Animal Cells
935505	Rat Sperm
935524	Ovary-Oogenesis
938015	Drosophila Chromosomes

LS4: Biological evolution: Unity and diversity

LS4.D What is biodiversity and how do humans affect it and how does it affect humans? (Biodiversity and Humans)
 This group contains examples from the major classifications of in a variety of classification schemes. Bacteria, Archaeobacteria, Archaezoa, protista, chromista, plant, fungi, and animal (invertebrate and chordate) are represented. Additional examples representing other groupings are also available in this set.

900526	Mixed Archaeobacteria
902039	Streptococcus pneumoniae
910560	Mixed Green Algae
913211	Mushroom Anatomy-Coprinus
917206	Lilium Leaf Epidermis
920116	Euglena
920630	Hydra Plain
920820	Planaria Plain
923013	Amphioxus
924233	Giardia lamblia-Trophozoites
900152	Bacteria smear, 3 types

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Ward's Digital Slides: High School Life Science Set

LS1: Molecules to organisms: Structures and processes

LS1.A How do the structures of organisms help them to perform life's functions? (Structure and Function)
Compare cells that perform similar functions in plants and animals. Compare epithelial cells of animal skin and epidermal cells of plants; vascular tissue of plants and animal arteries and veins; support structures of plants compared to bones; how is nutrition transported in plants and animals?

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940210	Cork
918142	Ranunculus Root
910466	Spyrogyra

LS1.D How do organisms detect, process, and use information about the environment? (Information processing)
Sense organs detect information and pass it to the nervous system for processing. The common sense organs can be examined to see how they connect to the nervous system. The basic structures of a reflex arc can be discussed by following a sensory signal through the sensory ganglia and the spinal cord that generates a responsive signal out to the muscle cells.

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933781	Eye General Structure
933787	Olfactory Epithelium
934458	Neuro-Epithelium
937018	Scalp-Unpigmented (Human)
917210	Lily flower bud (cs)
936540	Human Blood
936140	Bone- Ground preparation
933699	Spinal Cord
933546	Striated Muscle
933543	Skeletal muscle
933228	Adipose tissue
933234	Brown Adipose tissue

LS2: Ecosystems: Interactions, energy and dynamics

LS2.B How do organisms in an ecosystem get the materials and energy they need? (Flow of Matter and Energy Transfer in Ecosystems)

In a pond ecosystem, there are autotrophic, primary producers that convert light energy to food (algae, elodea) that is eaten by primary consumers (vegetarians) and secondary consumers (ex. carnivores). This occurs at the single cell level as well as the macroscopic level in the digestive systems of multicellular organisms. Decomposers, like bacteria, complete the cycling of matter and energy.

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922050	Daphnia
923135	Zebra Fish Hatchling
934534	Ileum-Peyer's Patches
910270	Chlydomonas
920005	Mixed Protozoa
910252	Chara
912474	Penicillium
917454	Zea Leaf
917456	Zea Kernal and embryo
917914	Helianthus stem
917940	Ligistrum leaf
918221	Sambucus stem
922401	Drosophila
923664	Skeletal muscle
923668	Frog heart
923805	Contour feather
931212	Starch Grains
937283	Oviduct
935023	Skin of hairy mammal
934562	Liver

LS3: Heredity: Inheritance and variation of traits

LS3.A How are the characteristics of one generation of organisms related to the next generation? (Inheritance of Traits)
 Traits are passed from one generation to the next through reproduction which transfers DNA to the next generation through several mechanisms. Look at examples of mitosis and meiosis, asexual reproduction in animals, and gametes in plants and animals.

918056	Tobacco Flower
920651	Hydra Adult With Bud
932240	Fish Blasto-disc
932244	Meiosis & Mitosis
932271	DNA in Animal Cells
935505	Rat Sperm
935524	Ovary-Oogenesis
938015	Drosophila Chromosomes
912501	Budding yeast
914042	Marchantia cupule
914043	Marchantia Antheridia
914047	Marchantia sporophyte
916544	Pine Archegonia
917040	Allium Root tip (LS)
917044	Allium Root tip (cs)
917212	Lilium Meiosis- Mother cells
917213	Lilium Meiosis- Synezeis
917214	Lilium Meiosis- Early prophase
917216	Lilium Meiosis- late prophase
917217	Lilium Meiosis- first metaphase
917218	Lilium Meiosis- 2nd division
917219	Lilium Meiosis-Pollen tetrads
917220	Lilium Meiosis- Mature Anther binucleate pollen
917221	Lilium Meiosis- Single celled microspores
917456	Zea Kernal and embryo
917808	Capsella embryos
918132	Arabidopsis flower
918147	Ranunculus Flower
922401	Drosophila
938101	Human Chromosomes
938110	Barr Bodies

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LS4: Biological evolution: Unity and diversity

LS4.D What is biodiversity and how do humans affect it and how does it affect humans? (Biodiversity and Humans)

This group contains examples from the major classifications of in a variety of classification schemes. Bacteria, Archaeobacteria, Archaezoa, protista, chromista, plant, fungi, and animal (invertebrate and chordate) are represented. Additional examples representing other groupings are also available in this set.

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920630	Hydra Plain
920820	Planaria Plain
923013	Amphioxus
924233	Giardia lamblia-Trophozoites
900152	Bacteria smear 3 types
912501	Budding yeast
916503	Pine 5-needle type
917002	Pollen Types
923133	Zebra fish
924622	Plasmodium falciparum
924630	Plasmodium malariae
926521	Anopheles mosquito
938120	Sickle Cell Anemia
936539	White blood cells

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Ward's Digital Slides: Advanced Placement* Biology Sets

Image Listing Included:

AP BIO Big Idea:

1. The process of evolution drives the diversity and unity of life.

Enduring Understandings:

1B. *Organisms are linked by lines of descent from common ancestry.*

Up to 8 kingdoms/domains are represented (Bacteria, Archaeobacteria, Archaezoans, Protists, Chromista, Plants, Fungi, and Animals). These display characteristics of their classifications.

900152	Bacteria mixed smear
900526	Mixed Archaeobacteria
910501	Volvox-Sexual Stage
910560	Mixed Green Algae
911202	Ectocarpus/Chromista
912501	Budding yeast/Fungi
918125	Arabidopsis wm
920005	Mixed protist/protista
923013	Amphioxus
923133	Is zebrafish female
924233	Giardia lamblia-Trophozoites/Archaezoa

1C. *Life continues to evolve within a changing environment.*

Examples of the main plant structures (root, stem, leaf, seed) of three monocot plants display adaptations to the amount of environmental water at the cellular level.

917122	Elodea stem tip
917128	Elodea-Submerged Leaf
917415	Yucca root
917418	Yucca stem
917421	Yucca leaf
917424	Yucca seed
917444	Zea, Mature Root/monocot
917448	Zea Stem/monocot
917454	Corn leaf/monocot
917456	Corn kernel/monocot

AP BIO Big Idea:

2. Biological systems utilize energy and molecular building blocks to grow, to reproduce, and to maintain homeostasis.

Enduring Understandings:

2B. *Growth, reproduction, and homeostasis require that cells create and maintain internal environments that are different from their external environments.* Cellular structure and organelles that maintain cellular homeostasis are well displayed in the cells from this group of slides. General bacteria, animal and plant cells can be compared and contrasted and lead to discussions of energy cycling and the organelles required in the different cell types.

902042	Escherichia coli/bacteria
932200	Generalized Animal Cell
932134	Generalized Plant Cell
917126	Chloroplasts
920411	Paramecium caudatum/cilia
923664	Frog, Skeletal Muscle actin and myosin
932210	Centrioles
932215	Mitochondria
932221	Golgi Apparatus
932230	Nissl Bodies/RNA
932238	Phagocytosis
933021	Intercellular Bridges
935505	Rat Sperm/flagella
936003	Cheek cells
973679	Anti-Neurofilament (cytoskeleton), Spinal Cord/Protein

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2D. Growth and homeostasis of a biological system are influenced by changes in the system's environment

Cells display subcellular specializations as well as cellular organizations that are related to their functions in maintaining both cellular homeostasis and in the organism as a whole (including water levels and nutrition/energy). This collection contains examples of plant cells specialized for particular functions as well as specialized animal cells of the digestive system.

917040	Allium Mitosis
917206	Lilium Leaf Epidermis
917450	Zea ls stem/monocot
917833	Coleus Stem Tip
917882	Dianthus leaf
917914	Helianthus stem
918090	Plasmodesmata
918307	Tilia 2-Year Old Stem
931152	Sclerids in Pear
931158	Idioblasts
931210	Trichomes
931212	Starch Grains/parenchyma
931214	Wood Fibers
931218	Casparian Strip
931220	Collenchyma
931226	Sclerenchyma in a Stem
931228	Sieve Plates
931230	Tracheids in Herbaceous Stem
920632	Hydra-General Structure
920630	Hydra Plain
921800	Earthworm Intestinal Region
923811	Bird intestine
923812	Bird crop gizzard
934523	Mamal digestive system composite
934501	Cow rumen
934502	Cow reticulum
934503	Cow Omasum
934504	Cow abomasum

AP BIO Big Idea:

3. Living systems store, retrieve, transmit, and respond to information essential to life processes

Enduring Understandings:

3A. Heritable information provides for continuity of life

DNA is visible as chromosomes in many of these slides that display cells undergoing either mitosis or meiosis. Stages of mitosis are displayed in both plant and animal cells. Particular stages of meiosis can be visualized in the formation of mature pollen in the lily. Condensed chromatin of chromosomes can be seen in from human cells as well as the polytene chromosomes of drosophila whose banding patterns suggest the organization of genes in the chromosomes.

917044	Plant Mitosis-Polar View
917210	Lilium Flower Bud
917212	Lily sporogenous
917213	Lily synizesis
917214	Lily anther early prophase
917216	Lily anther late pro
917217	Lily anther first meiotic
917218	Lily anther second meiotic
917219	Lily anther pollen tetrads
917220	Lily mature anther
917221	Lilium Anther-1-Celled Microspores
932240	Fish Blasto-disc/DNA

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935441	Meiosis
938015	Drosophila Chromosomes
938101	Chromosomes-Human Male 46 XY
938110	Barr Bodies

3C. Transfer of genetic information may produce variation.

Different organisms have adopted different strategies to generate genetic variation. A variety of life cycles and methods of sexual reproduction are represented in this group of slides.

912471	Penicillium sp.
913211	Mushroom Anatomy-Coprinus
914818	Equisetum Mature Strobilus
914862	Fern Prothallium-Monoecious
916503	Pinus strobus 5-needle Type
916544	Pine Ovule, Mature Archegonium
917002	Mixed Pollen (20 types)
918056	Tobacco Flower
920568	Leucosolenia (Sponge)
920651	Hydra Adult With Bud
920730	Obelia Hydroids
920779	Jellyfish Medusa
920820	Planaria Plain

AP BIO Big Idea:

4. Biological systems interact, and these interactions possess complex properties.

Enduring Understandings:

4A. Interactions within biological systems lead to complex properties.

Symbiotic and parasitic interactions between organisms are displayed in this group of slides. Common interactions with plants are displayed as well as the single celled organisms that live in the gut of termites that enable them to obtain nutrition from wood. The complex life cycle of malaria is displayed along with its different hosts/host tissues.

919810	Ectotrophic Mycorrhiza
913950	Lichen-Mycobiont
924260	Termite Flagellates
926521	Anopheles mosquito/malaria
924630	Plasmodium malariae in human blood
924701	Plasmodium in liver
924621	Plasmodium schizonts
924622	Plasmodium falciparum-Gametocytes

4C. Variation within biological systems affects interactions with the environment.

Cells have specialized to perform functions of tissues. This group displays examples from the main tissue types: Epithelium, connective tissue, muscle tissue and nervous tissue.

923640	Frog Blood/connective tissue
923644	Pigmented Epithelium
923664	Frog, Skeletal Muscle actin and myosin
923668	Frog Heart/muscle tissue
923671	Frog Artery, Vein, Nerve (epithelium tissue in circulatory system, nerve tissue in nervous system)
933219	Chondroid Tissue/connective
933321	Mouse Tail (all tissue types)
973679	Anti-Neurofilament (cytoskeleton), Spinal Cord/ Protein

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Ward's Digital Slides: Introductory College Biology Set

Image Listing Included:	
Campbell Unit:	1. Exploring life
Campbell Unit:	2. Chemistry of Life
Campbell Chapter Topics:	5. Macromolecules—molecules of life 932254 Colon-Mucus Goblet Cells/Carbohydrate (CS) MC & H 932259 Polysaccharides-Animal Cells/Carbohydrate 932271 DNA in Animal Cells/Nucleic acid (SECT) F & FG 932324 Nucleic Acids 932371 Glycogen Liver/Carbohydrate (SECT) pas & h 932230 Nissl Bodies/RNA (SECT) CV Slide 933232 Adipose Tissue/lipid droplet/osmium 933643 Peripheral Nerve/lipid myelin (CS) 932240 Fish Blasto-disc/DNA (SECT) IH Slide 973679 Anti-Neurofilament (cytoskeleton), Spinal Cord/ Protein
Campbell Unit:	3. The Cell
Campbell Chapter Topics:	6. The importance of cells—organelles 932200 Generalized Animal Cell (SECT) H & E 7. Membrane structure and function 932134 Generalized Plant Cell (SECT) S & FG 8. Metabolism—regulating matter and energy 932210 Centrioles (SECT) IH Slide 9. Respiration—metabolic pathways 932215 Mitochondria (SECT) IH Slide 10. Photosynthesis—light energy to chemical energy 932221 Golgi Apparatus (SECT) DaF & NFR 11. Cell communication 932230 Nissl Bodies (SECT) CV Slide 12. Cell cycle 932238 Phagocytosis (SECT) TB & NFR Slide 973679 Anti-Neurofilament (cytoskeleton), Spinal Cord/Protein 936003 Squamous Epithelium (SM) H & E Slide 902042 Escherichia coli /bacteria (SM) G(-) Slide 920411 Paramecium caudatum/cilia (WM) 935505 Rat Sperm/flagella (SM) IH Slide 923664 Frog, Skeletal Muscle actin and myosin 933021 Intercellular Bridges (SECT) IH 917126 Chloroplasts, Elodea-Submerged Leaf (WM) FS&FG
Campbell Unit:	4. Genetics
Campbell Chapter Topics:	13. Meiosis and sexual life cycles 917044 Plant Mitosis-Polar View 14. Mendel and the gene idea 932240 double Fish Blasto-disc /DNA 15. Chromosomes and inheritance 935441 Meiosis, Testis-Spermatogenesis (SECT) IH 16. Molecular inheritance 938101 Chromosomes-Human Male 46 XY 17. Gene to protein 938110 Barr Bodies (SM) CV Slide 18. Genetics of virus and bacteria 917210 Lilium Flower Bud (CS) QS 19. Eukaryotic genomes—gene expression 917221 Lilium Anther-1-Celled Microspores 20. DNA technology and genomics 917212 Lilium-Sporogenous Tissue (CS) QS

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21. Genetic basis of development	
917213	Lilium Anther-Showing Synizesis
917214	Lilium Anther-Early Prophase (CS)
917216	Lilium Anther-Late Prophase (CS)
917217	Lilium Anther-First Meiotic
917218	Lilium Anther-Second Meiotic
917219	Lilium Anther-Pollen Tetrads (CS)
917220	Lilium Mature Anther With
938015	Drosophila Chromosomes (SQ) AO

Campbell Unit:
Campbell Chapter Topics:

5. Mechanisms of Evolution

22. Mechanisms of Evolution	
917128	Elodea-Submerged Leaf (CS) QS Slide
23. Evolution of populations	
917444	Zea, Mature Root /monocot (CS) QS slide
24. Origin of species	
917448	Zea Stem /monocot (CS)QS Slide
917122	Elodea stem tip / (LS) QS Slide
917415	Yucca root (CS) QS Slide
917418	Yucca stem (CS) QS Slide
917421	Yucca Leaf (CS) QS Slide
917424	Yucca seed (S) QS Slide
917454	Corn leaf/monocot (CS) QS Slide
917456	Corn kernel/monocot Kernel & Embryo (LS) QS
910560	Mixed Green Algae (WM) Slide
25. Phylogeny and systematics	
900526	Archaeobacteria-Mixture (SM) G(-)
900152	Typical Mixed Bacteria (SM) G(+/-)
912501	Budding yeast/Fungi Saccharomyces (WM)
924233	Giardia lamblia-Trophozoites/Archaezoa (WM)
920005	Mixed protist/protista
911202	Ectocarpus/chromista (WM) Slide
923013	Amphioxus (WM) Slide chordate
918125	Arabidopsis wm
923133	Is zebrafish female
910501	Volvox-Sexual Stage (WM) Slide

Campbell Unit:
Campbell Chapter Topics:

6. Evo/Biological diversity

26. Life changes as the earth changes	
920420	Paramecium-Fission (WM) Slide
27. Prokaryotes	
910501	Double Volvox-Sexual Stage
28. Protists	
910466	Spirogyra scalariform conjugation
29. Plant diversity I-Colonizing land	
912122	Saprolegnia-Sexual Stages (WM)
30. Plant diversity II-seed plants	
910270	Chlamydomonas-Flagella (WM) FS & FG
910252	Chara (Stonewort) (WM) Slide
914520	Psilotum Stem-Sporangia (LS) QS
914818	Equisetum Mature Strobilus (CS) QS
914042	Marchantia Thallus & Cupule (CS)
914043	Marchantia Antheridia (LS) QS Slide
914047	Marchantia Young Sporophyte (MLS)
914045	Marchantia Archegonia (LS) QS Slide
914862	Fern Prothallium-Monoecious (WM)
916503	Pinus strobus 5-needle Type (CS)
916544	Pine Ovule-Mature Archegonium (LS)

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	917002	Mixed Pollen (20 types)
	918056	Tobacco Flower (LS) QS Slide
31. Fungi		
	912471	Penicillium sp.
	913211	Mushroom Anatomy-Coprinus (CS) QS
32. Intro to animal diversity		
	920568	Leucosolenia (Sponge) (WM) Slide
33. Invertebrates		
	920651	Hydra Adult With Bud (WM) Slide
	920730	Obelia Hydroids (WM) Slide
	920779	Jellyfish Medusa
	920820	Planaria Plain (WM) Slide
34. Vertebrates		

Campbell Unit:**Campbell Chapter Topics:****7. Plant form and function**

35. Plant structure, growth and devel	931152	Sclerids in Pear
36. Transport in vascular plants	931158	Idioblasts
37. Plant nutrition		
	931210	Trichomes
38. Angiosperm reproduction and biotech		
	931212	Starch Grains/parenchyma (SECT) QS slide
39. Plant responses to signals		
	931214	Wood Fibers (WM) WS Slide
	931218	Casparian Strip (CS) QS Slide
	931220	Collenchyma (CS) QS Slide
	931226	Sclerenchyma in a Stem (CS) QS
	931228	Sieve Plates (CS) QS Slide
	931230	Tracheids in Herbaceous Stem, (LS)
	917206	Lilium Leaf Epidermis (WM) FS & FG
	917833	Coleus Stem Tip (LS) QS Slide
	917882	Dianthus-Entire Leaf (CS) QS Slide
	918090	Plasmodesmata (SECT) Slide
	918307	Tilia 2-Year Old Stem (CS) QS Slide
	917450	Zea Stem (LS) QS Slide
	917914	Helianthus Older Stem (CS) QS
	917040	Allium Mitosis (LS) IH & OG Slide
	917444	Double Zea, Mature Root /monocot
	917448	Double Zea Stem/monocot
	917454	Double corn leaf/monocot
	917456	Double corn kernel/monocot
	918142	Ranunculus root/dicot (CS) QS
	918140	Ranunculus Root Mature(CS) QS Slide
	918147	Ranunculus flower bud/dicot
	917940	Ligustrum Leaf (CS) QS Slide
	917210	Double lily mature anther
	917808	Capsella embryo/ dicot (LS) QS

Campbell Unit:**Campbell Chapter Topics:****8. Animal form and function**

40. Basic principles of animal form and func		
	923644	Pigmented Epithelium (WM) Slide
	923640	Frog Blood /connective tissue (SM) GS Slide
	933219	Chondroid Tissue /connective (SECT) H & E Slide
	923668	Frog Heart
	973679	Double Anti-Neurofilament (cytoskeleton), Spinal Cord/ Protein
	923671	Frog Artery, Vein, Nerve (epithelium tissue in circulatory system, Nerve tissue in nervous system)

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- 933321 Mouse Tail (CS) H & E Slide
 923664 Double Frog, Skeletal Muscle actin and myosin
41. Animal nutrition
- 920632 Hydra-General Structure (CS) H & E
 920630 Hydra Plain (WM) Slide
 921800 Earthworm Intestinal Region (CS)
 923811 Bird intestine
 923812 Bird crop gizzard
 934523 Mammal digestive system composite
 934501 Cow rumen
 934502 Cow reticulum
 934503 Cow Omasum
 934504 Cow abomasum
42. Circulation and gas exchange
 43. Immune system
 44. Osmoregulation and excretion
 45. Hormones and endocrine system
 46. Animal reproduction
 47. Animal development
 48. Nervous systems
 49. Sensory and motor mechanisms

Campbell Unit:
Campbell Chapter Topics:

- 9. Ecology**
50. Ecology and the biosphere
 919810 Ectotrophic Mycorrhiza (CS) QS
51. Behavioral ecology
 913950 Lichen-Mycobiont (WM) Slide
52. Population ecology
 924260 Termite Flagellates (WM) Slide
53. Community ecology
 926521 Female anopheles mosquito/malaria
54. Ecosystems
 924630 Plasmodium malariae in human blood
 924701 Plasmodium in liver
 924621 Plasmodium schizonts
 924622 Plasmodium falciparum-Gametocytes
55. Conservation biology and restoration ecology

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Ward's Digital Slides: Advanced Histology Set

1. The Cytoplasm	932210	Centrioles (SECT) IH Slide
	932215	Mitochondria (SECT) IH Slide
	932221	Golgi Apparatus (SECT) DaF & NFR
2. The Cell Nucleus	932230	Nissl Bodies (SECT) CV Slide
	932235	Cilia
3. Epithelial Tissue	932240	Fish Blastodisc (SECT) IH Slide
	932244	Meiosis & Mitosis (SECT) IH Slide
	933004	Simple Squamous Epithelium (SECT)
	933021	Intercellular Bridges (SECT) IH
	933024	Simple Cuboidal Epithelium (SECT)
	933032	Simple Ciliated, Columnar
4. Connective Tissue	933035	Pseudostratified Ciliated Columnar
	933036	Stratified Squamous Epithelium
	935254	Urinary Bladder-Collapsed (CS) H & E
	933211	Mesenchyme (SECT) H & E Slide
	933224	Areolar Tissue/Collagenous and elastic fibers (WM) V & E
	933244	White fibrous Collagenous Connective Tissue (WM)
	933248	White Fibrous Connective Tissue
5. Adipose Tissue	933256	Yellow Elastic Connect. Tissue (WM)
	933260	Yellow Elastic Connective Tissue
	933236	Reticular Tissue (SECT) M & NFR
	936105	Mucous Tissue (SECT) H & E Slide
	933232	Adipose Tissue osmium
6. Cartilage	936120	Adipose H & E
	933228	Adipose mesentery mal
	933234	Brown Adipose Tissue (SECT) H & E
	933264	Hyaline Cartilage (SECT) H & E
	933265	Hyaline Cartilage (SECT) H & E
	933271	Elastic Cartilage (SECT) V & E Slide
7. Bone	933275	Elastic Cartilage (SECT) V & E Slide
	933279	White Fibro-Cartilage (SECT) H & E
	933280	White Fibro-Cartilage (SECT) H & E
	933283	Osteogenesis-Intramembranous
	933287	Osteogenesis-Endochondral
	933291	Bone-Compact (CS) H & E Slide
	933292	Femur (LS) H & E Slide
	933295	Bone Development-Femur (CS) MAL
	933319	Mammalian-Joint (SECT) MAL Slide
	933294	Bone-Cancellous (CS) H & E Slide
8. Nerve Tissue & the Nervous System	936140	Bone-Ground Preparation (CS) Slide
	936143	Bone Ground Preparation (LS) Slide
	933617	Giant Multipolar Motor Neurons
	933621	Glial Fibrillary Acidic Protein
	933635	Neuroglia-Fibrous Astrocytes
	933639	Medullated Nerve Fibers-Teased
	933643	Peripheral Nerve-Mammal (CS) Slide
	933647	Peripheral Nerve (CS) H & E Slide
	933650	Medullated Nerve (CS & LS) MAS Slide
	933651	Medullated Nerve (CS & LS) HPS Slide
	933657	Motor Nerve Endings (WM) Slide
	933659	Neuromuscular Spindle (WM) Slide
	933675	Auerbach's Plexus (SECT) A Slide
	933695	Spinal Cord (CS) A Slide (Mammal)
933696	Spinal Cord, Mammal (CS) H & E Slide	
933699	Spinal Cord (CS & LS) CV Slide	

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	933703	Spinal Cord (CS & LS) W & NFR Slide
	933711	Spinal ganglion (LS) MAS Slide
	933715	Sympathetic Ganglion Mammal (LS)
	933735	Medulla Oblongata (CS) LFB & CV
	933747	Cerebellum (SECT) W & NFR Slide
	933751	Cerebellum (SECT) H & E Slide
	933755	Cerebellum & Choroid Plexus (SECT)
	936322	Human Astrocytes (SECT) SI Slide
	936413	Cerebellum, Silver Nitrate Sec.
	936418	Cerebrum (SECT) LFB & CV Slide
9. Muscle Tissue	973620	Anti-Neurofilament, Cerebrum
	936435	Cerebrum (SECT) CV Slide (Human)
	933517	Smooth Muscle Macerated (WM) H & E
	933520	Smooth Muscle (CS & LS) H & E Slide
	933526	Cardiac Muscle (SECT) H & E Slide
	933530	Cardiac Muscle-Intercalated Discs
	933537	Skeletal Muscle Teased Preparation
	933539	Muscle-Tendon Connection (LS) H & T
	933543	Skeletal Muscle (LS) IH Slide
	933545	Skeletal Muscle (CS) H & E Slide
	933546	Striated Muscle (CS/LS) MAS Slide
10. The Circulatory System	936220	Smooth Muscle (SECT) H & E Slide
	936245	Cardiac Muscle (SECT) H & E Slide
	934022	Artery (CS) H & E (Mammal) Slide
	934034	Aorta (CS) H & E Slide (Mammal)
	934040	Capillaries (CS) H & E Slide
	934044	Artery,Vein & Nerve (CS) H & E Slide
	934046	Artery,Vein & Nerve (CS) V & E Slide
	934050	Vein (CS) H & E Slide (Mammal)
	934054	Vein (CS) V & E Slide (Mammal)
	934058	Heart (LS) H & E Slide
	934059	Heart (CS) H & E Slide (Mammal)
	933533	Heart-Purkinje Fibers (SECT) IH
	934890	Lung-Injected (SECT) Slide
11. Blood	936510	Aorta (SECT) V & E Slide (Human)
	936515	Artery (CS) V & E Slide (Human)
	936539	White Blood Cell Buffy Coat (SM) GS
	936540	Human Blood (SM) Wr Slide
12. Hemopoiesis	938104	Peripheral Blood-Human Male (SM)
	938105	Peripheral Blood-Human Female (SM)
13. The Immune System & Lymphoid Organs	934095	Red Bone Marrow (SM) GS Slide
	934098	Red Bone Marrow (SECT) H & E Slide
	934090	Lymphatic Vessel (CS) H & E Slide
	934094	Lymphatic Vessel (WM) Slide
	934104	Lymph Node (SECT) H & E Slide
	934122	Thymus (SECT) H & E Slide (Mammal)
	934126	Thymus (SECT) H & E Slide (Mammal)
	934130	Spleen (SECT) H & E Slide
14. Digestive Tract	936555	Palatine Tonsil (SECT) H & E Slide
	936560	Spleen (SECT) H & E Slide (Human)
	934422	Early Dental Gum (SECT) MAL Slide
	934423	Early & Late Dental Gum (SECT) MAL
	934424	Late Dental Gum (SECT) MAL Slide
	934426	Dental Cup (SECT) MAL Slide
	934430	Dentine Formation (SECT) MAL Slide
	934432	Enamel Organ (SECT) MAL Slide

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	934440	Tooth-Developing (SECT) MAL Slide
	934451	Tooth-Deciduous (LS) H & E Slide
	934455	Tooth-Adult (MLS) H & E Slide
	934470	Tongue General Structure(SECT) H & E
	934474	Parotid Gland (SECT) H & E Slide
	934478	Sublingual Gland (SECT) H & E Slide
	934494	Hard & Soft Palate (LS) H & E Slide
	934498	Esophagus (CS) H & E Slide
	934506	Esophagus/Stomach Junction (LS)
	934510	Stomach-Cardiac Region (CS) H & E
	934514	Stomach-Fundic Region (CS) H & E
	934518	Stomach-Pyloric Region (CS) H & E
	934522	Stomach & Duodenum (LS) H & E Slide
	934526	Duodenum (CS) H & E Slide (Mammal)
	934530	Jejunum (CS) H & E Slide (Mammal)
	934534	Ileum-Peyer's Patches (CS) H & E
	934536	Ileo-Cecal Junction (LS) H & E Slide
	936746	Esophagus-Upper Region (CS) H & E
	936750	Esophagus-Cardiac Region (CS) H & E
	934542	Colon (CS) H & E Slide (Mammal)
	934543	Small Intestine-Goblet Cells
	934546	Colon
	934550	Rectum (CS) H & E Slide (Mammal)
	934558	Recto-Anal Junction (LS) H & E Slide
	934533	Paneth Cells (SECT) PT Slide
15. Organs Associated with the Digestive Tract	934545	Colon (SECT) MAS Slide
	934541	Capillaries (SECT) Slide (Mammal)
	934562	Liver (SECT) H & E Slide (Mammal)
	934566	Liver (SECT) MAL Slide (Pig)
16. The Respiratory System	934590	Gallbladder (CS) H & E Slide
	934600	Pancreas (SECT) H & E Slide
	934847	Nasal Epithelium (SECT) H & E Slide
	934851	Epiglottis (LS) H & E Slide
	934855	Larynx-(SECT) H & E Slide (Mammal)
	934867	Trachea (LS) H & E Slide (Mammal)
	934871	Trachea (CS) H & E Slide (Mammal)
	934875	Trachea & Esophagus (CS) H & E Slide
	934878	Lung (SECT) H & E Slide
	934879	Lung (SECT) MAL Slide (Mammal)
	934883	Lung (SECT) HPS Slide (Mammal)
	936722	Epiglottis (SECT) V&E Slide
17. Skin	934890	double lung injected for capillaries
	936920	Lung (SECT) H & E Slide (Human)
	935023	Skin of Hairy Mammal (SECT) H & E
	936704	Lip
	937001	Adult Skin-Unpigmented (SECT) H & E human
	937015	Pigmented Epithelium (SECT) H & E human
	937018	Scalp-Unpigmented (LS) H & E(Human)
18. The Urinary System	937034	Axillary Skin (SECT)H & E Slide human
	937309	Eyelid human
	935226	Kidney of Small Mammal (SECT) H & E
	935234	Kidney (SECT) H & E Slide
	935236	Kidney (SECT) PAS&H Slide
	935242	Ureter (CS) H & E Slide (Mammal)
	935246	Urethra-Female (CS) H & E Slide
	935250	Urinary Bladder-Distended (CS) H & E

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19. Endocrine Glands	935254	Double Urinary Bladder-Collapsed
	937130	Urinary Bladder (SECT) H & E Slide human
	932364	Chromaffin Granules (SECT) GS
	934305	Adrenal Gland (SECT) H & E Slide
	934333	Pituitary Gland (SECT) HPS Slide
20. The Male Reproductive System	934348	Thyroid Gland (SECT) H & E Slide
	934349	Thyroid & Parathyroid (SECT) H & E
	935461	Testis & Epididymis (SECT) IH Slide
	935473	Prostate (SECT) H & E Slide
	935475	Penis (CS) H & E Slide
	935454	Testis (SECT) H & E Slide
	935453	Testis-Spermatogenesis (SECT) IH
	937214	Epididymis (SECT) H & E Slide primate
	937222	Spermatic Cord (SECT) H & E Slide human
	937228	Seminal Vesicle (Sect) H & E Slide human
	937218	Ductus Deferens (CS) H & E Slide human
21. The Female Reproductive System	937241	Human Sperm (SM) IH Slide
	937236	Prostate-Senile (SECT) H & E Slide human
	935043	Mammary Gland-Inactive (SECT) H & E
	935051	Mammary Gland-Active (SECT) H & E
	935524	Ovary-Oogenesis (SECT) H & E Slide
	935528	Ovary
	935532	Ovary-Graafian Follicles MAL
	935536	Ovary-Ovulation corpus luteum MAL
	935540	Ovary-Pregnancy
	935560	Uterus
	935561	Uterus-Estrus (SECT) H & E Slide
	937272	Ovary-Corpus Albicans (SECT) H & E human
	935547	Oviduct (CS) H & E Slide (Mammal)
	937285	Oviduct-Ampulla (CS) H & E Slide human
	937286	Oviduct-Isthmus (CS) H & E Slide human
	937283	Oviduct fimbria (CS) H & E human
	937260	Ovary-Mature (SECT) H & E Slide human
	937303	Uterus-Follicular Phase (SECT) H & E human
	937306	Uterus-Progravid Phase (SECT) H & E
	937324	Cervix Uteri (SECT) H & E Slide human
22. The Eye and Ear: Special Sense Organs	937342	Placenta (SECT) H & E Slide (Human)
	937050	Mammary Gland-Inactive (SECT) H & E
	933667	Pacinian Corpuscle (CS) H & E Slide
	933775	Cochlea-Inner Ear of Guinea Pig
	933777	Crista Ampularis (SECT) H & E Slide
	933779	Retina (CS) H & E Slide (Mammal)
	933781	Eye General Structure
	933783	Retina and Tapetum (mls) H & E
	933787	Olfactory Epithelium (SECT) H & E
	934458	Neuro-Epithelium (SECT) IH Slide
	934466	Tongue-Vallate Papillae (SECT)

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