

How to Use This Index

We use menus to navigate through a DVD. This index will help you quickly get to the menu you need to access a particular image. Study the "Biodiversity and Classification" Index example below. The first column provides the term or concept as it appears in this index. The second column describes the type of visual; if it's a video bite, its running time appears as well. The third column directs you to go to the Buffet menu, and select Lesson 6, Screen 9. The last column tells you what caption to look for, once you reach the desired screen from the Buffet menu.

Index Example

Image Description	Image Type Length	Buffet Lesson Screen	Event Title on DVD Menu
angel shark gulps horn shark	(NVB) 1:07	6 9	Angel shark gulps horn shark

This 1 minute, 7-second narrated video bite named "Angel shark gulps horn shark" is located in "Buffet" LESSON 6, SCREEN 9

Image Type Abbreviations

The legend below decodes the Image Type abbreviations.

- T Title frame
- P Photograph
- A Animation
- **NA Narrated Animation**
- VB Video Bite
- **NVB Narrated Video Bite**
- I / D Illustration / Diagram

IG – Illustrated Glossary term. The number following IG (example: "IG L3") indicates which lesson in the Illustrated Glossary contains the term. IG terms appear in this index in bold.

INDEX OF VISUALS Biodiversity and Classification

Image Description		age Length	Buff Lesson		Event Title on DVD Menu
A					
A Very, Very Brief History of Classification,					
title	(T)	Still	1	1	A Very, Very Brief History of Classification
acorn worm	(P)	Still	6	8	Preserved acorn worm
adder snake, baby; in Goa, India	(P)	Still	6	10	Baby adder snake in Goa, India
additional Kingdom Animalia characteristics	(I/D)	Still	6	1	Additional Kingdom Animalia characteristics
algae, green; various body types	(P)	Still	3	4	Green algae; various body types
Aleuria aurantia; cup fungus	(P)	Still	4	3	Aleuria aurantia; cup fungus
alga (<i>Volvox</i>), slime mold, amoeba;	(1)	Still	4	5	Amoeba, alga (<i>Volvox</i>), slime mold; Kingdom
Kingdom Protoctista	(P)	Still	3	1	Protoctista
alga, red; chloroplast at 5,755x (with					Red alga chloroplast; TEM 5,755x (with
cyanobacterium); TEM	(P)	Still	2	4	cyanobacterium)
alga, red; <i>Mastocarpus jardinii</i> ; Otter Point, Oregon	(P)	Still	3	6	Red alga; <i>Mastocarpus jardinii</i> ; Otter Point, Oregon
alga, red; <i>Mastocarpus stellatus</i> ; Yorkshire, England	(P)	Still	3	6	Red alga; <i>Mastocarpus stellatus</i> ; Yorkshire, England
algae	IGL3	oun	5	Ū	algae
algae classification chart	(I/D)	Still	3	4	Algae classification chart
algae products	(P)	Still	3	6	Various algae products
algae, brown; <i>Fucus ceranoides</i> ; Galway,	(1)	otin	5	U	various argae products
Ireland	(P)	Still	3	6	Brown algae; Fucus ceranoides; Galway, Ireland
algae, brown; Laminaria setchellii; Otter	(-)	0111	0	0	Brown algae; <i>Laminaria setchellii</i> ; Otter Point,
Point, Oregon	(P)	Still	3	6	Oregon
algae, filamentous	(P)	Still	3	5	Filamentous algae
algae, slime molds, protozoa labeled	(P)	Still	3	4	Protoctista; protozoa, algae, slime molds labeled
algae, tar spot; Ralfsia pacifica; Otter Point,		a 111		_	Tar spot algae; Ralfsia pacifica; Otter Point,
Oregon	(P)	Still	3	7	Oregon
algae, various; algae labeled	(P)	Still	3	2	Various algae; algae labeled
alligator eating bird	(P)	Still	6	10	Alligator eating bird
Alvin, DSV	(P)	Still	2	4	DSV Alvin
American eastern yellow fly agaric; basidiomycota labeled	(P)	Still	4	2	American eastern yellow fly agaric; basidiomyco labeled
amoeba engulfing prey	(VB)	:35	3	2	Amoeba engulfing prey
amoeba moving	(VB)	:10	3	2	Amoeba moving
amoeba, alga (<i>Volvox</i>), slime mold; Kingdom Protoctista	(P)	Still	3	1	Amoeba, alga (Volvox), slime mold; Kingdom Protoctista
	(-)		-	-	
amoeba, alga (<i>Volvox</i>), slime mold; Kingdom Protoctista; protozoa labeled	(P)	Still	3	2	Amoeba, alga (<i>Volvox</i>), slime mold; Kingdom Protoctista; protozoa labeled
amoeba, paramecium, peranema,					Protozoa; amoeba, paramecium, peranema,
toxoplasma	(P)	Still	3	2	toxoplasma
amphibian	IGL6				amphibian
amphibian characteristics	(I/D)	Still	6	9	Amphibian characteristics
anemone, purple sea	(P)	Still	6	2	Purple sea anemone
angel shark gulps horn shark	(NVB)	1:07	6	9	Angel shark gulps horn shark
Animalia, Kingdom; phyla	(VB)	:28	6	3	Hydra stuffing prey in gullet
ant; Arthropoda; Insecta; Hymenoptera; insect labeled	(P)	Still	6	5	Ant; Arthropoda; Insecta; Hymenoptera; insect labeled
anthrax; <i>Bacillus anthracis</i> ; SEM 15x (lung),	(1)	otin	v	5	Bacillus anthracis; SEM 15x (lung), 1,795x
1,795x (bacteria)	(P)	Still	2	3	(bacteria)
anthrax; Bacillus anthracis; vegetative stage; SEM at 2,200x magnification	(P)	Still	2	3	Bacillus anthracis; vegetative stage; SEM 2,200x
ants, leaf-cutter	(NVB)	:19	6	5	Leaf-cutter ants

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Image Description		a ge Length	Buf Lesson		Event Title on DVD Menu
	туре	Length	Lesson	Screen	
aquarium glass, mantis shrimp breaking	(VB)	:07	6	6	Mantis shrimp breaking aquarium glass
arachnid	IGL6				arachnid
arachnid; green spider	(P)	Still	6	6	Green spider; arachnid
Aristotle	IGL1				Aristotle
Aristotle contemplating a bust of Homer;			_		Aristotle contemplating a bust of Homer;
painting	(P)	Still	1	1 12	painting
armadillo, nine-banded	(NVB)	:32	6	12	Bats
Arthrobotrys anchonia captures nematode	(NVB)	:50	4	4	Arthrobotrys anchonia captures nematode
arthropod	IGL6				arthropod
arthropod labeled; praying mantis	(P)	Still	6	5	Praying mantis; arthropod labeled
athlete's foot between toes	(P)	Still	4	3	Athlete's foot between toes
atlas moth; Arthropoda; Insecta; Lepidoptera	(P)	Still	6	5	Atlas moth; Arthropoda; Insecta; Lepidoptera
autumn, maple bough in	(P)	Still	5	2	Maple bough in autumn
azure vase sponge	(P)	Still	6	2	Azure vase sponge
3	<u>,</u>				
baby adder snake in Goa, India	(D)	Still	6	10	Baby adder snake in Goa, India
bacilli(um)	(P) IGL2	Still	0	10	bacilli(um)
Bacillus anthracis; SEM 15x (lung), 1,795x	IGL2				Bacillus anthracis; SEM 15x (lung), 1,795x
(bacteria)	(P)	Still	2	3	(bacteria)
Bacillus anthracis; vegetative stage; SEM at	<i>(</i>)				
2,200x magnification	(P)	Still	2	3	Bacillus anthracis; vegetative stage; SEM 2,200x
-					
bacillus, spirillum, coccus; SEM	(P)	Still	2	3	Coccus, bacillus, spirillum; SEM photocomposite
photocomposite 800x magnification					800x
bacteria(um)	IGL2				bacteria (um)
bacteria, coccus arrangements	(I/D)	Still	2	3	Coccus bacteria arrangements
bacteria, streptococcus; SEM	(P)	Still	2	3	Streptococcus bacteria; SEM
bacteria; <i>Staphylococcus aureus</i> ; SEM at 3,025x magnification	(P)	Still	2	3	Staphylococcus aureus; SEM 3,025x
bacterium, typical; <i>E. coli</i> pictured with liver		Still	2	5	Typical bacterium, <i>E. Coli</i> on left; liver cell on
cell	(P)	Still	2	1	right
barnacles	(P)	Still	1	2	Barnacles
barrel sponge with fish inside	(P)	Still	6	2	Barrel sponge with fish inside
basidia; microscopic view; basidium and	(\mathbf{D})	C.(*11		2	Basidia; microscopic view; basidium and spores
spores labeled basidiomycota	(P)	Still	4	2	labeled basidiomycota
basket sponge	IGL4 (P)	Still	6	2	Basket sponge
basking shark feeding on plankton	(NVB)	:24	6	9	Basking shark feeding on plankton
bat ray feeding	(NVB)	:26	6	9	Bat ray feeding
bat wings; butterfly wings; Western tanager		0.11			Western tanager wing detail; bat wings; butterfly
bird wing detail	(P)	Still	1	2	wings
bats bear, polar and beluga whales	(NVB)	:32	6	12	Bats Polar bear and beluga whales
bee pollinators	(NVB) (VB)	:35 :06	6 6	13 5	Bee pollinators
beluga whales and polar bear	(NVB)	:35	6	13	Polar bear and beluga whales
	(1,1,2)			10	
binomial name; genus and species	(I/D)	Still	1	3	Binomial name; genus and species
Biodiversity and Classification, title	(T)	Still	1	1	Biodiversity and Classification

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Image Description		age Length	Buf Lesson		Event Title on DVD Menu
bioluminescent dinoflagellates, agitated by swimmer, emitting blue light	(P)	Still	3	8	Bioluminescent dinoflagellates, agitated by swimmer, emitting blue light
bird	IGL6				bird
bird characteristics	(I/D)	Still	6	11	Bird characteristics
bird eaten by alligator	(P)	Still	6	10	Alligator eating bird
bird, Western tanager wing detail; bat wings; butterfly wings		Still	1	2	Western tanager wing detail; bat wings; butterfly wings
blooming, crocus	(VB)	:05	5	4	Crocus blooming
blue whale	(NVB)	:32	6	13	Blue whale
blue-green algae(a)	IGL2				blue-green algae(a)
<i>Borrelia burgdorferi</i> ; Lyme spirochete; SEM 8,500x	(P)	Still	2	1	Borrelia burgdorferi; Lyme spirochete; SEM 8,500x
Borrelia burgdorferi; Lyme spirochete; TEM	(P)	Still	2	1	Borrelia burgdorferi; Lyme spirochete; TEM
botanical garden, Uppsala University, circa 1745	(P)	Still	1	3	Uppsala University Botanical Garden circa 1745
botanical garden, Uppsala University, today	(P)	Still	1	3	Uppsala University Botanical Garden today
bough, fir	(P)	Still	5	2	Fir bough
bough, maple; in autumn	(P)	Still	5	2	Maple bough in autumn
bough, pine	(P)	Still	5	2	Pine bough
bough, spruce	(P)	Still	5	2	Spruce bough
Brachionus; rotifer carrying two eggs	(VB)	:05	6	3	Rotifer carrying two eggs; Brachionus
brachiopod, fossil	(P)	Still	6	4	Fossil brachiopod, left; modern-day brachiopod, right
brachiopod, modern-day	(P)	Still	6	4	Fossil brachiopod, left; modern-day brachiopod, right
brachiopods, fossilized; in Sylvania, Ohio	(P)	Still	6	4	Fossilized brachiopods in Sylvania, Ohio
bread dough rising; time-lapse	(VB)	:09	4	3	Bread dough rising; time-lapse
broken egg	(P)	Still	6	11	Broken egg
brown algae; <i>Fucus ceranoides</i> ; Galway, Ireland	(P)	Still	3	6	Brown algae; Fucus ceranoides; Galway, Ireland
brown algae; Laminaria setchellii; Otter					Brown algae; Laminaria setchellii; Otter Point,
Point, Oregon	(P)	Still	3	6	Oregon
bryophyte labeled; moss with fruiting	<i>(</i> -)				
structures	(P)	Still	5	1	Moss with fruiting structures; bryophyte labeled
bryozoans	(NVB)	Still	6	4	Bryozoans
bulb, light	(P)	Still	3	5	Light bulb filament
bull's-eye rash symptomatic of Lyme disease	(P)	Still	2	2	Bull's-eye rash symptomatic of Lyme disease
butterfly wings; bat wings; Western tanager bird wing detail;	(P)	Still	1	2	Western tanager wing detail; bat wings; butterfly wings
C					
Carl Woese	(P)	Still	2	5	Dr. Carl Woese
Carolus Linnaeus dressed for field research	(P)	Still	1	3	Carolus Linnaeus dressed for field research
Carolus Linnaeus portrait	(P)	Still	1	2	Carolus Linnaeus portrait
cat, Sphynx; looking at goldfish in a bowl	(P)	Still	1	2	Sphynx cat looking at goldfish in a bowl Typical bacterium, <i>E. Coli</i> on left; liver cell on
cell, liver; pictured with E. coli	(P)	Still	2	1	right
cell, plant; simple; organelles; no labels	(I/D)	Still	3	1	Simple plant cell showing organelles; no labels

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Image Description		a ge Length	Buf Lesson		Event Title on DVD Menu
centric diatom; valve view	(P)	Still	3	7	Centric diatom; valve view
characteristic	IGL1	Still	5	/	characteristic
characteristics, amphibian	(I/D)	Still	6	9	Amphibian characteristics
characteristics, bird	(I/D)	Still	6	11	Bird characteristics
characteristics, chordate	(I/D)	Still	6	8	Chordate characteristics
characteristics, fish	(I/D)	Still	6	9	Fish characteristics
characteristics, Kingdom Monera	(I/D)	Still	2	1	Kingdom Monera characteristics
characteristics, Kingdom Protoctista	(I/D)	Still	3	1	Kingdom Protoctista characteristics
characteristics, mammal	(I/D)	Still	6	11	Mammal characteristics
characteristics, reptile	(I/D)	Still	6	10	Reptile characteristics
cheese, Roquefort	(P)	Still	4	3	Roquefort cheese
Chlamydomonas cell moving by means of flagella	(VB)	:10	3	4	Chlamydomonas cell moving by means of flagella
<i>Chlamydomonas</i> cell; two flagella visible	(P)	Still	3	4	Chlamydomonas cell; two flagella visible
	IGL3				chlorophyll
chlorophyll chloroplast, alga, red; TEM at 5,755x (with		C+11	2		Red alga chloroplast; TEM 5,755x (with
cyanobacterium) chloroplasts, flagellum, eyespot labeled;	(P)	Still	2	4	cyanobacterium)
Euglena	(P)	Still	3	4	Euglena; chloroplasts, flagellum, eyespot labeled
chordata, subphylum vertebrata classes	(I/D)	Still	6	11	Phylum Chordata, subphylum Vertebrata classes
Chordata, Vertebrata, class Mammalia orders	(I/D)	Still	6	12	Chordata, Vertebrata, class Mammalia orders
Chordata, Vertebrata, class Mammalia		0.11			
orders	(I/D)	Still	6	14	Chordata, Vertebrata, class Mammalia orders
chordate characteristics cilia, rotifer; beating	(I/D) (VB)	Still :35	6 6	8 3	Chordate characteristics Rotifer cilia beating
class	IGL1	.55	0	5	class
classification	IGL1				classification
Classification and Biodiversity, title	(T)	Still	1	1	Biodiversity and Classification
classification chart, algae	(I/D)	Still	3	4	Algae classification chart
classification chart, Plant Kingdom	(I/D)	Still	5	1	Plant Kingdom classification chart
classification system, modern five-kingdom	(I/D)	Still	1	4	Modern, five-kingdom classification system
classification system, modern six-kingdom	(I/D)	Still	2	5	Modern, six-kingdom classification system
classification, a very, very brief history of; title	(T)	Still	1	1	A Very, Very Brief History of Classification
classification, Linnaeus' three-kingdom model		C+:11	1	2	Linnacus' three kingdom classification model
classifying, fun with; title	(I/D) (T)	Still Still	1	3 1	Linnaeus' three-kingdom classification model "Fun with Classifying"
Clepsydra; perpetually erupting geyser in Yellowstone National Park	(P)	Still	2	4	Clepsydra; perpetually erupting geyser in Yellowstone National Park
cloven hoofs	(P)	Still	6	14	Cloven hoofs
CO ₂ bubbles in bread dough; microscopic view	(VB)	:14	4	3	CO ₂ bubbles in bread dough; microscopic view
cocci(us)	IGL2				cocci(us)
	(I/D)	Still	2	3	Coccus bacteria arrangements
coccus bacteria arrangements					
coccus bacteria arrangements coccus, bacillus, spirillum; SEM photocomposite 800x magnification	(P)	Still	2	3	Coccus, bacillus, spirillum; SEM photocomposite 800x

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Image Description		age	Buf		Event Title on DVD Menu
- .		-	Lesson		
coelacanth with swimmer	(P)	Still	6	9	Coelacanth with swimmer
colonies(y)	IGL2	.25	6	2	colonies(y)
comb jellies common bread mold on bread	(NVB) (P)	:35 Still	6 4	3	Comb jellies Common bread mold on bread
conch, horse and tulip snail	(NVB)	1:20	6	4	Tulip snail and horse conch
consumer	IGL2	1.20	0	4	consumer
coral reef	(NVB)	1:53	6	2	Coral reef
cotyledon, seed coat labeled	$(I \lor D)$	Still	5	3	Seed; cotyledon, seed coat labeled
cougar, house cat, lynx	(P)	Still	1	3	House cat, lynx, cougar
crab larva	(NVB)	:26	6	6	Crab larva
crab; crustacean labeled	(P)	Still	6	6	Crab; crustacean labeled
crayfish	(P)	Still	6	6	Crayfish
crocodiles	(P)	Still	1	2	Crocodiles
crocus blooming	(VB)	:05	5	4	Crocus blooming
crustacean	IGL6				crustacean
crustacean, labeled; crab	(P)	Still	6	6	Crab; crustacean labeled
cutting board surface, plastic; SEM 300x					
magnification	(P)	Still	2	3	Plastic cutting board surface; SEM 300x
cuttlefish catching prey, then changing					
colors	(VB)	:29	6	4	Cuttlefish catching prey, then changing colors
cyanobacteria(um)	IGL2				cyanobacteria(um)
cyanobacterium; TEM 4,560x; cyanobacteria		0.111			Cyanobacterium; TEM 4,560x; cyanobacteria
labeled	(P)	Still	2	3	labeled
cyanobacterium; TEM 4,560x;	(\mathbf{D})	S+:11	2	4	Cyanobacterium; TEM 4,560x; photosynthetic; labeled
photosynthetic; labeled cyanobacterium; TEM 5,335x; thylakoids are	(P)	Still	2	4	Cyanobacterium; TEM 5,335x; thylakoids are
green	(P)	Still	2	4	green
cyanobacterium; with red alga chloroplast at	(1)	otin	-	-	Red alga chloroplast; TEM 5,755x (with
5,755x; TEM	(P)	Still	2	4	cyanobacterium)
D					
Dalyellia, moving	(VB)	:19	6	3	Platyhelminthes; Dalyellia moving
		0.111			~
dead fish on beach, victimized by red tide	(P)	Still	3	8	Dead fish on beach, victimized by red tide
decomposer	IGL4				decomposer
deer tick; SEM of Ixodes scapularis at 22x	(P)	Still	2	1	<i>Ixodes scapularis</i> (deer tick); SEM 22x
magnification	(1)	Still	2	1	*
deer ticks at various developmental stages;	(P)	Still	2	1	Deer ticks at various developmental stages;
pinhead					pinhead
definition of a living thing	(I/D)	Still	1	4	Definition of a living thing
diatom frustule, surface of siliceous; SEM	(P)	Still	3	7	Surface of siliceous diatom frustule; SEM 2,050x
2,050x dictom with Stringgung		Still	2	7	
diatom with <i>Spirogyra</i>	(P)		3		Diatom with <i>Spirogyra</i> Centric diatom; valve view
diatom, centric; valve view diatom, pennate and centric marine	(P)	Still	3	7	Pennate and centric marine diatom frustules;
frustules; SEM 345x	(P)	Still	3	7	SEM 345x
diatom, pennate; valve view	(P)	Still	3	7	Pennate diatom; valve view
·					
diatomaceous earth; insecticide product	(P)	Still	3	8	Diatomaceous earth; insecticide product
diatama coope parthe mission and in since	(D)	C+:11	2	7	Distance cours carthe microscopic stress
diatomaceous earth; microscopic view	(P)	Still	3	7	Diatomaceous earth; microscopic view
diatoms. freshwater pennate	(P)	Still	3	7	Freshwater pennate diatoms
dicot and monocot flowers compared	(P)	Still	5	3	Monocot and dicot flowers compared
-					*
dicot leaf versus monocot leaf	(P)	Still	5	3	Monocot leaf versus dicot leaf

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dinaflagellatas highumingscont. agitatad hy	Type	Length	Lesson	Jereen	Pioluminascent dineflacellates exiteted by
dinoflagellates, bioluminescent; agitated by kayaker, emitting blue light	(P)	Still	3	8	Bioluminescent dinoflagellates, agitated by kayaker, emitting blue light
dinoflagellates, bioluminescent; agitated by swimmer, emitting blue light	(P)	Still	3	8	Bioluminescent dinoflagellates, agitated by swimmer, emitting blue light
dinoflagellates, marine; SEM 80x	(P)	Still	3	8	Marine dinoflagellates; SEM 80x
dog vomit slime mold; <i>Fuligo septica</i> ; plasmodium stage	(P)	Still	3	9	Dog vomit slime mold; <i>Fuligo septica</i> ; plasmodium stage
dog vomit slime mold; transitioning to aethalium stage	(P)	Still	3	9	Dog vomit slime mold; transitioning to aethalium stage
dolphins fishing	(NVB)	:30	6	13	Dolphins fishing
domain	IGL2				domain
Domain Archaea	IGL2				Domain Archaea
Domain Bacteria	IGL2				Domain Bacteria
Domain Eukaryota	IGL2				Domain Eukaryota
Domain Eukaryota with four kingdoms	(I/D)	Still	3	1	Domain Eukaryota with four kingdoms
domains, three; chart	(I/D)	Still	2	5	Three domains
drake and ducklings, wood duck	(P)	Still	1	2	Wood duck drake and ducklings
dried earthworm	(P)	Still	6	5	Dried earthworm
dried earthworm disclaimer	(P)	Still	6	5	Dried earthworm disclaimer
DSV Alvin	(P)	Still	2	4	DSV Alvin
duck, wood; drake and ducklings	(P)	Still	1	2	Wood duck drake and ducklings
E					
E. coli dividing to form colony	(VB)	:32	2	2	E. coli dividing to form colony
<i>E. coli</i> on small intestine; SEM 800x (intestine 49x)	(P)	Still	2	2	<i>E. coli</i> on small intestine; SEM 800x (intestine 49x)
<i>E. coli;</i> pictured with liver cell	(P)	Still	2	1	Typical bacterium, <i>E. Coli</i> on left; liver cell on right
<i>E. coli</i> ; TEM 12,205x	(P)	Still	2	2	<i>E. coli</i> ; TEM 12,205x
<i>E. coli</i> ; TEM 3,515x; multiple flagella, fimbriae visible	(P)	Still	2	2	<i>E. coli</i> ; TEM 3,515x; multiple flagella, fimbriae visible
eagle, hawk and owl	(NVB)	1:02	6	11	Owl, eagle and hawk
Earthstar fungus; raindrop power fires spores into air	(VB)	:10	4	2	Earthstar fungus; raindrop power fires spores into air
earthworm	(P)	Still	6	5	Earthworm
earthworm, dried	(P)	Still	6	5	Dried earthworm
echidna and platypus	(NVB)	1:42	6	12	Echidna and platypus
eel, moray; attacks pufferfish	(VB)	:32	6	9	Moray eel attacks pufferfish
egg shells, turtle	(P)	Still	6	11	Many turtle egg shells
egg, broken	(P)	Still	6	11	Broken egg
egg, turtle	(P)	Still	6	11	Turtle egg
eggs hatching, lobster	(VB)	:32	6	6	Lobster eggs hatching
elephant swimming	(NVB)	:32	6	13	Elephant swimming
endospore formation	(A)	:19	2	3	Endospore formation
England, Yorkshire; red alga; <i>Mastocarpus stellatus</i>	(P)	Still	3	6	Red alga; <i>Mastocarpus stellatus</i> ; Yorkshire, England
euglena moving	(VB)	:12	3	4	Euglena moving
<i>Euglena</i> ; chloroplasts and reddish eyespot visible	(P)	Still	3	4	Euglena; chloroplasts and reddish eyespot visible
<i>Euglena</i> ; chloroplasts, flagellum, eyespot labeled	(P)	Still	3	4	Euglena; chloroplasts, flagellum, eyespot labeled
Eukaryota, Domain; with four kingdoms	(I/D)	Still	3	1	Domain Eukaryota with four kingdoms
eukaryote	IGL2				eukaryote

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eyespot, chloroplasts, flagellum labeled; <i>Euglena</i>	(P)	Still	3	4	Euglena; chloroplasts, flagellum, eyespot labeled	
face, smiley	(P)	Still	6	14	Smiley face	
family	IGL1				family	
fern frond with sporangia	(P)	Still	5	2	Fern frond with sporangia	
fern fronds	(P)	Still	5	1	Fern fronds	
filament	IGL2				filament	
filament, light bulb	(P)	Still	3	5	Light bulb filament	
filamentous algae fimbriae, flagella visible; TEM; <i>E. coli</i> at 3,515x magnification	(P) (P)	Still Still	3 2	5 2	Filamentous algae <i>E. coli</i> ; TEM 3,515x; multiple flagella, fimbriae visible	
fir bough fish	(P) IGL6	Still	5	2	Fir bough fish	
fish characteristics	(I/D)	Still	6	9	Fish characteristics	
fish, dead; on beach from red tide	(P)	Still	3	8	Dead fish on beach, victimized by red tide	
fish, dead; victimized by red tide	(P)	Still	3	8	Dead fish in water, victimized by red tide	
fish, ray-finned; goldfish	(P)	Still	6	9	Goldfish; ray-finned fish	
fish; Sphynx cat looking at goldfish in a bowl	(P)	Still	1	2	Sphynx cat looking at goldfish in a bowl	
flagella visible; Chlamydomonas cell	(P)	Still	3	4	Chlamydomonas cell; two flagella visible	
flagella(um)	IGL2				flagella(um)	
flagella, <i>Chlamydomonas</i> cell moving by means of	(VB)	:10	3	4	Chlamydomonas cell moving by means of flagella	
flagella, fimbriae visible; TEM; <i>E. coli</i> at 3,515x magnification	(P)	Still	2	2	<i>E. coli</i> ; TEM 3,515x; multiple flagella, fimbriae visible	
flagella, various arrangements	(P)	Still	2	2	Various flagella arrangements	
flagellum, eyespot, chloroplasts labeled; Euglena	(P)	Still	3	4	Euglena; chloroplasts, flagellum, eyespot labeled	
flatworm, leopard	(P)	Still	6	3	Leopard flatworm	
Florida; manatees in the Crystal River	(NVB)	1:05	6	13	Manatees in the Crystal River, Florida	
flower cross section; ovary and ovule labeled	(I/D)	Still	5	3	Flower cross section; ovary and ovule labeled	
flowers, dicot and monocot compared	(P)	Still	5	3	Monocot and dicot flowers compared	
fly agaric mushrooms	(P)	Still	4	2	Fly agaric mushrooms	
follicle, milkweed	(P)	Still	5	3	Milkweed follicle	
foraminiferan test, planktic foraminiferan test; <i>Baculosypsina</i> spp.	(P) (P)	Still Still	3 3	3 3	Planktic foraminiferan test Foraminiferan test; <i>Baculosypsina</i> spp.	
foraminiferan test; <i>Elphidium</i> spp.	(P)	Still	3	3	Foraminiferan test; <i>Elphidium</i> spp.	
form	IGL1				form	
fossil brachiopod	(P)	Still	6	4	Fossil brachiopod, left; modern-day brachiopod, right	
fossil brachiopod, left; modern-day brachiopod, right	(P)	Still	6	4	Fossil brachiopod, left; modern-day brachiopod, right	
fossilized brachiopods in Sylvania, Ohio	(P)	Still	6	4	Fossilized brachiopods in Sylvania, Ohio	
freshwater diatom frustules on aquatic larva; SEM 455x	(P)	Still	3	7	Freshwater diatom frustules on aquatic larva; SEM 455x	
freshwater pennate diatoms	(P)	Still	3	7	Freshwater pennate diatoms	

Image Description		age	Buf		Event Title on DVD Menu
inage Description	Type	Length	Lesson	Screen	
frog	(P)	Still	1	2	Frog
frog	(P)	Still	6	10	Frog
frog and opossum	(NVB)	:33	6	10	Opossum and frog
frog spawn in a pond	(P)	Still	6	10	Frog spawn in a pond
frond, fern with sporangia	(P)	Still	5	2	Fern frond with sporangia
fronds, fern	(P)	Still	5	1	Fern fronds
fruiting bodies; Arcyria cinerea	(P)	Still	3	9	Fruiting bodies; Arcyria cinerea
fruiting bodies; Perichaena depressa	(P)	Still	3	9	Fruiting bodies; Perichaena depressa
fruiting bodies; Physarum polycephalum	(P)	Still	3	9	Fruiting bodies; Physarum polycephalum
fruiting bodies; Physarum roseum	(P)	Still	3	9	Fruiting bodies; Physarum roseum
fruits, sliced	(P)	Still	5	3	Sliced fruits
Fun with Classifying	(T)	Still	1	1	"Fun with Classifying"
fungal mold spores on a ragweed stamen;	(P)	Still	4	2	Fungal mold spores on a ragweed stamen; SEM
SEM 500x fungi divisions chart	(I/D)	Still	4	2	500x Fungi divisions chart
	(I/D)	Still	4	2	
fungi fruiting bodies on fallen tree	(P)	Still	4	1	Fungi fruiting bodies on fallen tree
fungi; fungus	IGL4				fungi; fungus
fungus growing and expanding on tree trunk	(VB)	:16	4	1	Fungus growing and expanding on tree trunk
G					
genus	IGL1				genus
genus and species; binomial name	(I/D)	Still	1	3	Binomial name; genus and species
gerenuk	(VB)	:10	6	14	Gerenuk
geyser, perpetually erupting in Yellowstone National Park	(P)	Still	2	4	Clepsydra; perpetually erupting geyser in Yellowstone National Park
geyser; close-up view	(P)	Still	2	5	Geyser; close-up view
gilled mushroom	(P)	Still	4	2	Gilled mushroom
giraffes	(NVB)	:30	6	14	Giraffes
goldfish, in a bowl; Sphynx cat looking at	(P)	Still	1	2	Sphynx cat looking at goldfish in a bowl
goldfish; ray-finned fish	(P)	Still	6	9	Goldfish; ray-finned fish
grasses, various	(P)	Still	5	3	Various grasses
gray kangaroo	(VB)	:23	6	12	Gray kangaroo
green algae; various body types	(P)	Still	3	4	Green algae; various body types
green spider; arachnid	(P)	Still	6	6	Green spider; arachnid
grocery store layout	(I/D)	Still	1	1	Grocery store layout
hagfish eating whale carcass	(NVB)	:40	6	8	Hagfish eating whale carcass
hawk, owl and eagle	(NVB)	1:02	6	11	Owl, eagle and hawk
hedgehog	(P)	Still	6	7	Hedgehog
hedgehog spines; close-up view	(P)	Still	6	7	Hedgehog spines; close-up view
hierarchical taxonomy, Linnaean	(I/D)	Still	1	3	Linnaean hierarchical taxonomy
hierarchical taxonomy, modern	(I/D)	Still	1	3	Modern hierarchical taxonomy
hierarchical taxonomy; modern with sub taxa	(I/D)	Still	1	4	Modern hierarchical taxonomy with sub taxa
history of classification, title	(T)	Still	1	1	A Very, Very Brief History of Classification

Image Description	Ima Type		Buf Lesson		Event Title on DVD Menu
Homer, painting of; Aristotle contemplating		Still	1	1	Aristotle contemplating a bust of Homer; painting
hoofs, cloven	(P)	Still	6	14	Cloven hoofs
horn shark; gulped by angel shark	(NVB)	1:07	6	9	Angel shark gulps horn shark
horse conch and tulip snail	(NVB)	1:20	6	4	Tulip snail and horse conch
horse grazing	(P)	Still	6	14	Horse grazing
Hoshizuna Beach; Iriomote Island; E. China Sea; star sand	(P)	Still	3	3	Hoshizuna Beach; Iriomote Island; E. China Sea; star sand
house cat, lynx, cougar	(P)	Still	1	2	House cat, lynx, cougar
household items, various unsorted	(P)	Still	1	1	Various household items; unsorted
household items, various; arrangement 1	(P)	Still	1	1	Various household items; arrangement 1
household items, various; arrangement 2	(P)	Still	1	1	Various household items; arrangement 2
hydra	(P)	Still	6	2	Hydra
hydra stuffing prey in gullet	(VB)	:28	6	3	Hydra stuffing prey in gullet
hydra tentacles stinging prey	(VB)	:13	6	2	Hydra tentacles stinging prey
hydrothermal vent on ocean floor	(NVB)	:35	2	4	Hydrothermal vent on ocean floor
hydrothermal vent organisms	(NVB)	:39	2	4	Hydrothermal vent organisms
hypha	(P)	Still	4	1	Hypha
hyphae with septa visible	(P)	Still	4	1	Hyphae with septa visible
iguana in Tulum, Mexico	(P)	Still	6	10	Iguana in Tulum, Mexico
India, Goa; baby adder snake in	(P)	Still	6	10	Baby adder snake in Goa, India
insect	IGL6				insect
insect, labeled; ant; Arthropoda; Insecta; Hymenoptera	(P)	Still	6	5	Ant; Arthropoda; Insecta; Hymenoptera; insect labeled
insecticide product; diatomaceous earth	(P)	Still	3	8	Diatomaceous earth; insecticide product
insects as protein	(NVB)	:30	6	6	Insects as protein
intestine, small; SEM; <i>E. coli</i> at 800x; intestine at 49x	(P)	Still	2	2	<i>E. coli</i> on small intestine; SEM 800x (intestine 49x)
invertebrate	IGL6				invertebrate
Ireland, County Clare; sea lettuce; Ulva linza	(P)	Still	3	6	Slender sea lettuce; <i>Ulva linza</i> ; County Clare, Ireland
Ireland, Galway; brown algae; <i>Fucus ceranoides</i>	(P)	Still	3	6	Brown algae; Fucus ceranoides; Galway, Ireland
Ireland, Galway; Sea lettuce; Ulva rigida;	(P)	Still	3	6	Sea lettuce; <i>Ulva rigida</i> ; Galway, Ireland
Ixodes scapularis (deer tick); SEM 22x	(P)	Still	2	1	Ixodes scapularis (deer tick); SEM 22x
JK					
jellies, comb	(NVB)	:35	6	3	Comb jellies
jellyfish	(NVB)	:50	6	2	Jellyfish
kangaroo, gray	(VB)	:23	6	12	Gray kangaroo
kingdom	IGL1				kingdom
Kingdom Animalia	IGL1				Kingdom Animalia
Kingdom Animalia characteristics	(I/D)	Still	6	1	Kingdom Animalia characteristics
Kingdom Animalia characteristics (cont'd)	(I/D)	Still	6	1	Kingdom Animalia characteristics (cont'd)

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	Image Description Image Buffet		et		
Image Description		Length			Event Title on DVD Menu
Kingdom Animalia complete list of characteristics	(I/D)	Still	6	1	Kingdom Animalia complete list of characteristics
Kingdom Animalia phyla	(I/D)	Still	6	3	Kingdom Animalia phyla
Kingdom Animalia phyla	(I/D)	Still	6	4	Kingdom Animalia phyla
Kingdom Animalia phyla	(I/D)	Still	6	5	Kingdom Animalia phyla
Kingdom Animalia phyla	(I/D)	Still	6	8	Kingdom Animalia phyla
Kingdom Animalia phyla; Phylum Chordata labeled	(I/D)	Still	6	1	Kingdom Animalia phyla; Phylum Chordata labeled
Kingdom Animalia; 1.5+ million species	(I/D)	Still	6	1	Kingdom Animalia; 1.5+ million species
Kingdom Animalia; invertebrate, vertebrate labeled	(I/D)	Still	6	1	Kingdom Animalia; invertebrate, vertebrate labeled
Kingdom Fungi	IGL1				Kingdom Fungi
Kingdom Fungi characteristics; multicellular; heterotrophic	(I/D)	Still	4	1	Kingdom Fungi characteristics; multicellular; heterotrophic
Kingdom Fungi; cells have two nuclei; nonvascular	(I/D)	Still	4	1	Kingdom Fungi; cells have two nuclei; nonvascular
Kingdom Fungi; fungi reproduce by spores	(I/D)	Still	4	2	Kingdom Fungi; fungi reproduce by spores
Kingdom Fungi; require oxygen, water and carbohydrates	(I/D)	Still	4	1	Kingdom Fungi; require oxygen, water and carbohydrates
Kingdom Monera	IGL1				Kingdom Monera
Kingdom Monera characteristics	(I/D)	Still	2	1	Kingdom Monera characteristics
Kingdom Plantae	IGL1				Kingdom Plantae
Kingdom Protista	IGL1				Kingdom Protista
Kingdom Protoctista	IGL1				Kingdom Protoctista
Kingdom Protoctista characteristics	(I/D)	Still	3	1	Kingdom Protoctista characteristics
Kingdom Protoctista; amoeba, alga (<i>Volvox</i>), slime mold	(P)	Still	3	1	Amoeba, alga (<i>Volvox</i>), slime mold; Kingdom Protoctista
Kingdom Protoctista; protozoa, algae labeled	(P)	Still	3	2	Kingdom Protoctista; protozoa, algae labeled
kingdom; Linnaeus' three-kingdom classification model	(I/D)	Still	1	3	Linnaeus' three-kingdom classification model
kingdom; modern five-kingdom classification system	(I/D)	Still	1	4	Modern, five-kingdom classification system
kingdom; modern six-kingdom classification system	(I/D)	Still	2	5	Modern, six-kingdom classification system
kingfisher	(NVB)	:39	6	11	Kingfisher
koi	(P)	Still	1	2	Koi
larva, crab	(NVB)	:26	6	6	Crab larva
leaf veins; vascular labeled	(P)	Still	5	1	Leaf veins; vascular labeled
leaf, monocot versus dicot leaf	(P) (P)	Still	5	3	Monocot leaf versus dicot leaf
leaf-cutter ants	(NVB)	:19	6	5	Leaf-cutter ants
lemur family	$(\mathbf{I} \mathbf{V} \mathbf{D})$ (P)	Still		14	Lean-cutter and
leopard flatworm	(P) (P)	Still	6		Leopard flatworm
				3	· · · · · · · · · · · · · · · · · · ·
leopard seal and penguins	(NVB)	1:19	6	13	Leopard seal and penguins
leopards, tiger, lion	(P)	Still	1	3	Lion, leopards, tiger
<i>Leptospira interrogans</i> passing through water filter	(P)	Still	2	1	Leptospira interrogans passing through water filte
Leptospira interrogans; SEM 4,000x	(P)	Still	2	1	Leptospira interrogans; SEM 4,000x
lichen	IGL4				lichen
lichen on gravestone	(P)	Still	4	4	Lichen on gravestone
lichen on rock	(P)	Still	4	4	Lichen on rock

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Image Description		age Length	Buf Lesson		Event Title on DVD Menu
lichen on tree branch	(P)	Still	4	4	Lichen on tree branch
light bulb filament	(P)	Still	3	5	Light bulb filament
Lingula unguis soft body	(P)	Still	6	4	Lingula unguis soft body
<i>Lingula unguis</i> soft body; brachii slightly uncoiled	(P)	Still	6	4	Lingula unguis soft body; brachii slightly uncoiled
Linnaean hierarchical taxonomy	(I/D)	Still	1	3	Linnaean hierarchical taxonomy
Linnaeus, Carolus; dressed for field research	(P)	Still	1	3	Carolus Linnaeus dressed for field research
Linnaeus, Carolus; portrait of	(P)	Still	1	2	Carolus Linnaeus portrait
Linnaeus, Carolus; Uppsala University Botanical Garden circa 1745	(P)	Still	1	3	Uppsala University Botanical Garden circa 1745
Linnaeus, Carolus; Uppsala University Botanical Garden today	(P)	Still	1	3	Uppsala University Botanical Garden today
Linnaeus' three-kingdom classification model	(I/D)	Still	1	3	Linnaeus' three-kingdom classification model
lion, leopards, tiger	(P)	Still	1	3	Lion, leopards, tiger
living thing, definition of	(I/D)	Still	1	4	Definition of a living thing
lobster eggs hatching	(VB)	:32	6	6	Lobster eggs hatching
Lyme disease; symptomatic bull's-eye rash	(P)	Still	2	2	Bull's-eye rash symptomatic of Lyme disease
Lyme spirochete; SEM at 8,500x magnification	(P)	Still	2	1	<i>Borrelia burgdorferi</i> ; Lyme spirochete; SEM 8,500x
lynx, cougar, house cat	(P)	Still	1	3	House cat, lynx, cougar
M					
mammal	IGL6				mammal
mammal characteristics	(I/D)	Still	6	11	Mammal characteristics
Mammal intestine tapeworm (<i>Taenia taeniformis</i>)	(P)	Still	6	3	Mammal intestine tapeworm (<i>Taenia taeniformis</i>)
Mammalia, class; orders	(I/D)	Still	6	12	Chordata, Vertebrata, class Mammalia orders
manatee and young	(P)	Still	6	13	Manatee and young
manatee face	(P)	Still	6	13	Manatee face
manatee showing paddle tail and front limbs	(P)	Still	6	13	Manatee showing paddle tail and front limbs
manatees in the Crystal River, Florida	(NVB)	1:05	6	13	Manatees in the Crystal River, Florida
mantis shrimp	(NVB)	:52	6	6	Mantis shrimp
mantis shrimp breaking aquarium glass	(VB)	:07	6	6	Mantis shrimp breaking aquarium glass
mantis, praying; arthropod labeled	(P)	Still	6	5	Praying mantis; arthropod labeled
map of Great Lakes; HOMES	(I/D)	Still	1	4	Map of Great Lakes; HOMES
map of Great Lakes; lakes labeled	(I/D)	Still	1	4	Map of Great Lakes; lakes labeled
maple bough in autumn	(P)	Still	5	2	Maple bough in autumn
marine dinoflagellates; SEM 80x	(P)	Still	3	8	Marine dinoflagellates; SEM 80x
Mexico, Tulum; iguana in	(P)	Still	6	10	Iguana in Tulum, Mexico
milkweed follicle	(P)	Still	5	3	Milkweed follicle
mnemonic device; kingdom, phylum, class, et al	(I/D)	Still	1	4	Mnemonic device; kingdom, phylum, class, <i>et al</i>
modern hierarchical taxonomy	(I/D)	Still	1	4	Modern hierarchical taxonomy
modern hierarchical taxonomy with sub taxa	(I/D)	Still	1	4	Modern hierarchical taxonomy with sub taxa

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Image Description		age Length	Buf Lesson		Event Title on DVD Menu
modern, five-kingdom classification system	(I/D)	Still	1	4	Modern, five-kingdom classification system
modern, six-kingdom classification system	(I/D)	Still	2	5	Modern, six-kingdom classification system
modern-day brachiopod	(P)	Still	6	4	Fossil brachiopod, left; modern-day brachiopod, right
mole rat, naked	(NVB)	:50	6	12	Naked mole rat
Monera, Kingdom; characteristics	(I/D)	Still	2	1	Kingdom Monera characteristics
moneran	IGL2	04:11	1	14	moneran Marrat manakara
monkey, vervet	(P)	Still	6	14	Vervet monkey
monocot and dicot flowers compared	(P)	Still	5	3	Monocot and dicot flowers compared
monocot leaf versus dicot leaf	(P)	Still	5	3	Monocot leaf versus dicot leaf
moray eel attacks pufferfish	(VB)	:32	6	9	Moray eel attacks pufferfish
moss growing on tree trunk's north side	(P)	Still	5	1	Moss growing on tree trunk's north side
moss with fruiting structures; bryophyte labeled	(P)	Still	5	1	Moss with fruiting structures; bryophyte labeled
moss; close-up view	(P)	Still	5	1	Moss; close-up view
moth, atlas	(P)	Still	6	5	Atlas moth; Arthropoda; Insecta; Lepidoptera
multicellular	IGL3				multicellular
mushroom cluster	(P)	Still	4	4	Mushroom cluster
mushroom cluster; gills apparent on undersides	(P)	Still	4	4	Mushroom cluster; gills apparent on undersides
mushroom gills; close-up view	(P)	Still	4	2	Mushroom gills; close-up view
Ν					
naked mole rat	(NVB)	:50	6	12	Naked mole rat
name, binomial; genus and species	(I/D)	Still	1	3	Binomial name; genus and species
natural sponge	(P)	Still	6	1	Natural sponge
nematode	(VB)	:05	6	4	Nematode
nematode, Arthrobotrys anchonia captures	(NVB)	:50	4	4	Arthrobotrys anchonia captures nematode
nine-banded armadillo	(P)	Still	6	12	Nine-banded armadillo
nitrogen cycle, simple	(I/D)	Still	2	4	Simple nitrogen cycle
nonvascular numbat	IGL5 (NVB)	:19	6	12	nonvascular Numbat
0	(IVD)	.17	0	12	Tuilibut
oak tree	(P)	Still	5	2	Oak tree
ocean floor	(P)	Still	2	4	Ocean floor with bacterial mats visible
ocean floor; hydrothermal vent on	(NVB)	:35	2	4	Hydrothermal vent on ocean floor
ocean floor; hydrothermal vent organisms	(NVB)	:39	2	4	Hydrothermal vent organisms
Ochre sea stars (purple and red) at low tide	(P)	Still	6	7	Ochre sea stars (purple and red) at low tide
Ochre sea stars (red and orange) at low tide	(P)	Still	6	7	Ochre sea stars (red and orange) at low tide
Ohio, Sylvania; fossilized brachiopods	(P)	Still	6	4	Fossilized brachiopods in Sylvania, Ohio
opossum and frog order	(NVB) IGL1	:33	6	10	Opossum and frog order
Oregon, Otter Point; Red alga; Mastocarpus jardinii	(P)	Still	3	6	Red alga; <i>Mastocarpus jardinii</i> ; Otter Point, Oregon

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Image Description		a ge Length	Buf Lesson		Event Title on DVD Menu
Oregon, Otter Point; tar spot algae; <i>Ralfsia</i> pacifica	(P)	Still	3	7	Tar spot algae; <i>Ralfsia pacifica</i> ; Otter Point, Oregon
organisms, hydrothermal vent	(NVB)	:39	2	4	Hydrothermal vent organisms
Ostracoderms; artist's concept	(I/D)	Still	6	8	Ostracoderms; artist's concept
Otter Point, Oregon; brown algae; Laminaria setchellii	(P)	Still	3	6	Brown algae; <i>Laminaria setchellii</i> ; Otter Point, Oregon
ovary and ovule labeled; flower cross section	(I/D)	Still	5	3	Flower cross section; ovary and ovule labeled
owl	(P)	Still	6	11	Owl
owl, eagle and hawk	(NVB)	1:02	6	11	Owl, eagle and hawk
Ρ					
pangolin	(NVB)	:39	6	12	Pangolin
paramecium moving	(VB)	:10	3	3	Paramecium moving
paramecium, peranema, toxoplasma, amoeba	(P)	Still	3	2	Protozoa; amoeba, paramecium, peranema, toxoplasma
paramecium, peranema, toxoplasma, amoeba	(P)	Still	3	3	Amoeba, paramecium, peranema, toxoplasma
parasitic tachyzoites (trophozoites); <i>Toxoplasma gondii</i>	(P)	Still	3	3	Parasitic tachyzoites (trophozoites); <i>Toxoplasma</i> gondii
penguins and leopard seal	(NVB)	1:19	6	13	Leopard seal and penguins
penicillium prohibiting staphylococci growth	(I/D)	Still	4	3	Penicillium prohibiting staphylococci growth
pennate and centric marine diatom frustules; SEM 345x	(P)	Still	3	7	Pennate and centric marine diatom frustules; SEM 345x
pennate diatom; valve view	(P)	Still	3	7	Pennate diatom; valve view
peranema moving	(VB)	:11	3	4	Peranema moving
peranema, toxoplasma, amoeba, paramecium	(P)	Still	3	2	Protozoa; amoeba, paramecium, peranema, toxoplasma
peranema, toxoplasma, amoeba, paramecium	(P)	Still	3	3	Amoeba, paramecium, peranema, toxoplasma
photosynthesis	IGL3				photosynthesis
photosynthesis formula	(I/D)	Still	3	2	Photosynthesis formula
photosynthetic, labeled; TEM; cyanobacterium at 4,560x	(P)	Still	2	4	Cyanobacterium; TEM 4,560x; photosynthetic; labeled
phylum	IGL1				phylum
phylum Chordata, subphylum Vertebrata classes	(I/D)	Still	6	11	Phylum Chordata, subphylum Vertebrata classe
Phylum Chordata, subphylum Vertebrata classes	(I/D)	Still	6	8	Phylum Chordata, subphylum Vertebrata classes
Phylum Chordata, subphylum Vertebrata classes	(I/D)	Still	6	9	Phylum Chordata, subphylum Vertebrata classe
Physarum polycephalum in Petri dish, feeding on oatmeal	(P)	Still	3	9	Physarum polycephalum in Petri dish, feeding on oatmeal
pine bough	(P)	Still	5	2	Pine bough
pine seed	(VB)	:04	5	2	Pine seed
pink rose	(P)	Still	5	2	Pink rose
pizza topped with edible mushrooms; <i>Agaricus bisporus</i>	(P)	Still	4	2	Pizza topped with edible mushrooms; <i>Agaricus</i> <i>bisporus</i>
planktic foraminiferan test	(P)	Still	3	3	Planktic foraminiferan test
plankton, basking shark feeding on	(NVB)	:24	6	9	Basking shark feeding on plankton
plant cell, simple; organelles; no labels	(I/D)	Still	3	1	Simple plant cell showing organelles; no labels

	1		1	DIVU	iversity and classification
Image Description		a ge Length	Buf Lesson		Event Title on DVD Menu
plant cell; nucleus, mitochondria, chloroplast, vacuole	(I/D)	Still	3	1	Plant cell; nucleus, mitochondria, chloroplast, vacuole
Plant Kingdom classification chart	(I/D)	Still	5	1	Plant Kingdom classification chart
Plant Kingdom classification chart	(I/D)	Still	5	2	Plant Kingdom classification chart
Plant Kingdom classification chart	(I/D)	Still	5	3	Plant Kingdom classification chart
Plant Kingdom classification chart	(I/D)	Still	5	4	Plant Kingdom classification chart
plasmodium. slime mold; Physarum roseum	(P)	Still	3	9	Slime mold plasmodium; Physarum roseum
plastic cutting board surface; SEM 300x magnification	(P)	Still	2	3	Plastic cutting board surface; SEM 300x
Platyhelminthes; Dalyellia moving	(VB)	:19	6	3	Platyhelminthes; Dalyellia moving
platypus and echidna	(I/D)	Still	6	12	Chordata, Vertebrata, class Mammalia orders
polar bear and beluga whales	(NVB)	:35	6	13	Polar bear and beluga whales
pollinators, bee	(VB)	:06	6	5	Bee pollinators
polychaete worm hunts shrimp	(NVB)	:47	6	5	Polychaete worm hunts shrimp
pond, frog spawn in	(P)	Still	6	10	Frog spawn in a pond
Portugese man-of-war float	(P)	Still	6	2	Portugese man-of-war float
Portugese man-of-war tentacles	(P)	Still	6	2	Portugese man-of-war tentacles
praying mantis; arthropod labeled	(P)	Still	6	5	Praying mantis; arthropod labeled
producer	IGL2				producer
prokaryote	IGL2				prokaryote
protein, insects as	(NVB)	:30	6	6	Insects as protein
protist; <i>see protoctist</i>					
protoctist	IGL3				protoctist
Protoctista, Kingdom characteristics	(I/D)	Still	3	1	Kingdom Protoctista characteristics
Protoctista; protozoa, algae, slime molds labeled	(P)	Still	3	4	Protoctista; protozoa, algae, slime molds labeled
Protoctista; protozoa, algae, slime molds labeled	(P)	Still	3	9	Protoctista; protozoa, algae, slime molds labeled
Protoctista; protozoa, algae, slime molds labeled	(P)	Still	3	2	Protoctista; protozoa, algae, slime molds labeled
protozoa group; protozoa labeled	(P)	Still	3	1	Protozoa group; protozoa labeled
protozoa labeled; amoeba, alga (Volvox), slime mold; Kingdom Protoctista	(P)	Still	3	2	Amoeba, alga (<i>Volvox</i>), slime mold; Kingdom Protoctista; protozoa labeled
protozoa, algae, slime molds labeled	(P)	Still	3	4	Protoctista; protozoa, algae, slime molds labeled
protozoa; amoeba, paramecium, peranema, toxoplasma	(P)	Still	3	2	Protozoa; amoeba, paramecium, peranema, toxoplasma
protozoa; amoeba, paramecium, peranema, toxoplasma	(P)	Still	3	3	Protozoa; amoeba, paramecium, peranema, toxoplasma
pudding, salad dressing; ingredients	(P)	Still	3	6	Salad dressing, pudding; ingredients
pufferfish; attached by moray eel	(VB)	:32	6	9	Moray eel attacks pufferfish
purple sea anemone	(P)	Still	6	2	Purple sea anemone

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Image Description		age	Buf		Event Title on DVD Menu
	Type	Length	Lesson	Screen	
R					
rabbit, white	(P)	Still	6	12	White rabbit
ray, bat; feeding	(NVB)	:26	6	9	Bat ray feeding
red alga chloroplast; TEM 5,755x (with cyanobacterium)	(P)	Still	2	4	Red alga chloroplast; TEM 5,755x (with cyanobacterium)
Red alga; <i>Mastocarpus jardinii</i> ; Otter Point, Oregon	(P)	Still	3	6	Red alga; <i>Mastocarpus jardinii</i> ; Otter Point, Oregon
Red alga; <i>Mastocarpus stellatus</i> ; Yorkshire, England	(P)	Still	3	6	Red alga; <i>Mastocarpus stellatus</i> ; Yorkshire, England
red alga; <i>Palmaria palmata</i> ; Yorkshire, England	(P)	Still	3	6	Red alga; Palmaria palmata; Yorkshire, England
red tide, aerial view	(P)	Still	3	8	Aerial view of a red tide (P)
red tide; dead fish in water	(P)	Still	3	8	Dead fish in water, victimized by red tide
red tide; dead fish on beach	(P)	Still	3	8	Dead fish on beach, victimized by red tide
reef, coral	(NVB)	1:53	6	2	Coral reef
reptile	IGL6				reptile
reptile characteristics	(I/D)	Still	6	10	Reptile characteristics
rock, turtle on	(P)	Still	6	10	Turtle on rock
Roquefort cheese	(P)	Still	4	3	Roquefort cheese
rose, pink	(P)	Still	5	2	Pink rose
rotifer carrying two eggs; Brachionus	(VB)	:05	6	3	Rotifer carrying two eggs; Brachionus
rotifer cilia beating	(VB)	:35	6	3	Rotifer cilia beating
ruptured <i>Volvox</i> colony; daughter colonies ejected	(P)	Still	3	5	Ruptured <i>Volvox</i> colony; daughter colonies ejected
S					
salad dressing, pudding; ingredients	(P)	Still	3	6	Salad dressing, pudding; ingredients
Salmonella enteritidis; SEM 2,750x	(P)	Still	2	2	Salmonella enteritidis; SEM 2,750x
saltwater radiolarian tests	(P)	Still	3	3	Saltwater radiolarian tests
sand dollar on the beach	(P)	Still	6	7	Living sand dollar on the beach
sea lettuce; Ulva linza; County Clare, Ireland	(P)	Still	3	6	Slender sea lettuce; <i>Ulva linza</i> ; County Clare, Ireland
Sea lettuce; Ulva rigida; Galway, Ireland	(P)	Still	3	6	Sea lettuce; <i>Ulva rigida</i> ; Galway, Ireland
sea star, sunflower; dorsal view	(P)	Still	6	8	Sunflower sea star; dorsal view
sea star, sunflower; with tube feet	(P)	Still	6	8	Sunflower sea star with tube feet
sea star: South African	(P)	Still	6	7	South African sea star
sea star's tube feet	(P)	Still	6	7	Sea star's tube feet
sea stars; Ochre (purple and red) at low tide	(P)	Still	6	7	Ochre sea stars (purple and red) at low tide
sea stars; Ochre (red and orange) at low tide	(P)	Still	6	7	Ochre sea stars (red and orange) at low tide
sea turtle	(P)	Still	6	11	Sea turtle
sea urchin	(P)	Still	6	7	Sea urchin
sea urchin test	(P)	Still	6	7	Sea urchin test
sea urchin test, tiny	(P)	Still	6	7	Tiny sea urchin test
seal, leopard and penguins	(NVB)	1:19	6	13	Leopard seal and penguins
seed, pine	(VB)	:04	5	2	Pine seed
seed; cotyledon, seed coat labeled	(I/D)	Still	5	3	Seed; cotyledon, seed coat labeled
SEM 2,050x; surface of siliceous diatom frustule	(P)	Still	3	7	Surface of siliceous diatom frustule; SEM 2,050x

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Image Description	Ima	age	Buf	1	
Image Description			Lesson		Event Title on DVD Menu
SEM 345x; pennate and centric marine diatom frustules	(P)	Still	3	7	Pennate and centric marine diatom frustules; SEM 345x
SEM 455x; diatom, freshwater, frustules on aquatic larva	(P)	Still	3	7	Freshwater diatom frustules on aquatic larva; SEM 455x
SEM 80x; marine dinoflagellates	(P)	Still	3	8	Marine dinoflagellates; SEM 80x
SEM; Bacillus anthracis; lung at 15x magnification; bacteria at 1,795x	(P)	Still	2	3	Bacillus anthracis; SEM 15x (lung), 1,795x (bacteria)
SEM; <i>Bacillus anthracis</i> ; vegetative stage; at 2,200x magnification	(P)	Still	2	3	Bacillus anthracis; vegetative stage; SEM 2,200x
SEM; <i>Borrelia burgdorferi</i> ; Lyme spirochete at 8,500x magnification	(P)	Still	2	1	<i>Borrelia burgdorferi</i> ; Lyme spirochete; SEM 8,500x
SEM; coccus, bacillus, spirillum; photocomposite at 800x magnification	(P)	Still	2	3	Coccus, bacillus, spirillum; SEM photocomposite 800x
SEM; <i>Leptospira interrogans</i> at 4,000x magnification	(P)	Still	2	1	Leptospira interrogans; SEM 4,000x
SEM; plastic cutting board surface at 300x magnification	(P)	Still	2	3	Plastic cutting board surface; SEM 300x
SEM; <i>Salmonella enteritidis</i> at 2,750x magnification	(P)	Still	2	2	Salmonella enteritidis; SEM 2,750x
SEM; spirilla at 260x magnification	(P)	Still	2	2	Spirilla; SEM 260x
SEM; <i>Staphylococcus aureus</i> at 3,025x magnification	(P)	Still	2	3	Staphylococcus aureus; SEM 3,025x
SEM; <i>Staphylococcus aureus</i> on skin; 800x magnification (skin at 260x)	(P)	Still	2	3	Staphylococcus aureus on skin; SEM 800x (skin 260x)
SEM; streptococcus bacteria	(P)	Still	2	3	Streptococcus bacteria; SEM
shark, angel; gulps horn shark	(NVB)	1:07	6	9	Angel shark gulps horn shark
shark, basking; feeding on plankton	(NVB)	:24	6	9	Basking shark feeding on plankton
shark, horn; gulped by angel shark	(NVB)	1:07	6	9	Angel shark gulps horn shark
shrew	(NVB)	:50	6	12	Shrew
shrimp, mantis	(NVB)	:52	6	6	Mantis shrimp
shrimp, mantis; breaking aquarium glass	(VB)	:07	6	6	Mantis shrimp breaking aquarium glass
shrimp, polychaete worm hunts	(NVB)	:47	6	5	Polychaete worm hunts shrimp
silkworms	(NVB)	1:07	6	6	Silkworms
simple nitrogen cycle	(I/D)	Still	2	4	Simple nitrogen cycle
simple plant cell showing organelles; no labels	(I/D)	Still	3	1	Simple plant cell showing organelles; no labels
slime mold plasmodium; Physarum roseum	(P)	Still	3	9	Slime mold plasmodium; Physarum roseum
slime mold, amoeba, alga (<i>Volvox</i>); Kingdom Protoctista	(P)	Still	3	1	Amoeba, alga (<i>Volvox</i>), slime mold; Kingdom Protoctista
slime mold, dog vomit; <i>Fuligo septica</i> ; plasmodium stage	(P)	Still	3	9	Dog vomit slime mold; <i>Fuligo septica</i> ; plasmodium stage
slime mold, dog vomit; transitioning to aethalium stage	(P)	Still	3	9	Dog vomit slime mold; transitioning to aethalium stage
slime molds, protozoa, algae labeled	(P)	Still	3	4	Protoctista; protozoa, algae, slime molds labeled
slime molds, various; slime molds labeled	(P)	Still	3	2	Various slime molds; slime molds labeled
smiley face	(P)	Still	6	14	Smiley face
smokestack belonging to a coal-burning power plant	(P)	Still	4	4	Smokestack belonging to a coal-burning power plant

Image Description		age Length	Buf Lesson		Event Title on DVD Menu
snail, tulip and horse conch	(NVB)	1:20	6	4	Tulip snail and horse conch
snake	(P)	Still	1	2	Snake
snake, baby adder; in Goa, India	(P)	Still	6	10	Baby adder snake in Goa, India
South African sea star	(P)	Still	6	7	South African sea star
spawn, frog; in pond	(P)	Still	6	10	Frog spawn in a pond
species	IGL1				species
species and genus; binomial name	(I/D)	Still	1	3	Binomial name; genus and species
Sphynx cat looking at goldfish in a bowl	(P)	Still	1	2	Sphynx cat looking at goldfish in a bowl
spider, green; arachnid	(P)	Still	6	6	Green spider; arachnid
spines, hedgehog; close-up view	(P)	Still	6	7	Hedgehog spines; close-up view
spirilla(um)	IGL2				spirilla(um)
spirilla; SEM 260x	(P)	Still	2	2	Spirilla; SEM 260x
spirillum, coccus, bacillus; SEM photocomposite 800x magnification	(P)	Still	2	3	Coccus, bacillus, spirillum; SEM photocomposite 800x
spirochete, Lyme; SEM at 8,500x magnification	(P)	Still	2	1	<i>Borrelia burgdorferi</i> ; Lyme spirochete; SEM 8,500x
spirochete, Lyme; TEM	(P)	Still	2	1	Borrelia burgdorferi; Lyme spirochete; TEM
Spirogyra	(P)	Still	3	5	Spirogyra
Spirogyra, diatom with	(P)	Still	3	7	Diatom with Spirogyra
sponge, azure vase	(P)	Still	6	2	Azure vase sponge
sponge, barrel; with fish inside	(P)	Still	6	2	Barrel sponge with fish inside
sponge, basket	(P)	Still	6	2	Basket sponge
sponge, natural	(P)	Still	6	1	Natural sponge
sporangia, fern frond with	(P)	Still	5	2	Fern frond with sporangia
spore	IGL4				spore
spruce bough	(P)	Still	5	2	Spruce bough
squid	(NVB)	1:27	6	4	Squid
Staphylococcus aureus on skin; SEM 800x (skin 260x)	(P)	Still	2	3	Staphylococcus aureus on skin; SEM 800x (skin 260x)
Staphylococcus aureus; SEM 3,025x	(P)	Still	2	3	Staphylococcus aureus; SEM 3,025x
star, sea; South African	(P)	Still	6	7	South African sea star
Streptococcus bacteria; SEM	(P)	Still	2	3	Streptococcus bacteria; SEM
structure	IGL1				structure
sunflower sea star with tube feet	(P)	Still	6	8	Sunflower sea star with tube feet
sunflower sea star; dorsal view	(P)	Still	6	8	Sunflower sea star; dorsal view
sunflowers	(P)	Still	5	3	Sunflowers
т					
tadpole	(P)	Still	6	10	Tadpole
<i>Taenia taeniformis</i> ; mammal intestine tapeworm	(P)	Still	6	3	Mammal intestine tapeworm (<i>Taenia taeniformis</i>)
tapeworm, mammal intestine; <i>Taenia taeniformis</i>	(P)	Still	6	3	Mammal intestine tapeworm (<i>Taenia taeniformis</i>)
tar spot algae; <i>Ralfsia pacifica</i> ; Otter Point, Oregon	(P)	Still	3	7	Tar spot algae; <i>Ralfsia pacifica</i> ; Otter Point, Oregon
taxonomy	(I/D)	Still	1	2	Taxonomy
taxonomy	IGL1				taxonomy
taxonomy, Linnaean hierarchical	(I/D)	Still	1	3	Linnaean hierarchical taxonomy
taxonomy, modern hierarchical	(I/D)	Still	1	4	Modern hierarchical taxonomy

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Image Description		age Length	Buf Lesson		Event Title on DVD Menu
taxonomy, modern hierarchical with sub taxa	(I/D)	Still	1	4	Modern hierarchical taxonomy with sub taxa
teeth being brushed	(P)	Still	3	8	Teeth being brushed
TEM; Borrelia burgdorferi; Lyme spirochete	(P)	Still	2	1	Borrelia burgdorferi; Lyme spirochete; TEM
TEM; cyanobacterium at 4,560x; cyanobacteria labeled	(P)	Still	2	3	Cyanobacterium; TEM 4,560x; cyanobacteria labeled
TEM; cyanobacterium at 4,560x; photosynthetic; labeled	(P)	Still	2	4	Cyanobacterium; TEM 4,560x; photosynthetic; labeled
TEM; cyanobacterium at 5,335x; thylakoids are green	(P)	Still	2	4	Cyanobacterium; TEM 5,335x; thylakoids are green
TEM; <i>E. coli</i> at 12,205x	(P)	Still	2	2	<i>E. coli</i> ; TEM 12,205x
TEM; <i>E. coli</i> at 3,515x magnification; multiple flagella, fimbriae visible	(P)	Still	2	2	<i>E. coli</i> ; TEM 3,515x; multiple flagella, fimbriae visible
TEM; red alga chloroplast at 5,755x (with cyanobacterium)	(P)	Still	2	4	Red alga chloroplast; TEM 5,755x (with cyanobacterium)
TEM; <i>Vibrio cholerae</i> at 2,000x magnification	(P)	Still	2	2	<i>Vibrio cholerae</i> ; TEM 2,000x
tentacles, hydra; stinging prey	(VB)	:13	6	2	Hydra tentacles stinging prey
tentacles, Portugese man-of-war	(P)	Still	6	2	Portugese man-of-war tentacles
test, foraminiferan; Baculosypsina spp.	(P)	Still	3	3	Foraminiferan test; Baculosypsina spp.
test, foraminiferan; Elphidium spp.	(P)	Still	3	3	Foraminiferan test; Elphidium spp.
test, planktic foraminiferan	(P)	Still	3	3	Planktic foraminiferan test
test, sea urchin	(P)	Still	6	7	Sea urchin test
tests, saltwater radiolarian	(P)	Still	3	3	Saltwater radiolarian tests
three domains chart	(I/D)	Still	2	5	Three domains
thylakoids, green; TEM; cyanobacterium at 5,335x	(P)	Still	2	4	Cyanobacterium; TEM 5,335x; thylakoids are green
tick, deer; SEM of <i>Ixodes scapularis</i> at 22x magnification	(P)	Still	2	1	Ixodes scapularis (deer tick); SEM 22x
ticks, deer at various developmental stages; pictured with pinhead	(P)	Still	2	1	Deer ticks at various developmental stages; pinhead
tiger, lion, leopards	(P)	Still	1	3	Lion, leopards, tiger
tiny sea urchin test	(P)	Still	6	7	Tiny sea urchin test
toadstools emerging from ground	(VB)	:06	4	1	Toadstools emerging from ground
toothpaste, for sensitive teeth	(P)	Still	3	8	Inactive ingredients in toothpaste for sensitive teeth
tortoise	(P)	Still	6	10	Tortoise
toxoplasma, amoeba, paramecium, peranema	(P)	Still	3	2	Protozoa; amoeba, paramecium, peranema, toxoplasma
toxoplasma, amoeba, paramecium, peranema	(P)	Still	3	3	Amoeba, paramecium, peranema, toxoplasma
tree roots with fungal partners tree, oak	(NVB) (P)	1:05 Still	4 5	3 2	Tree roots with fungal partners Oak tree
tulip snail and horse conch	(NVB)	1:20	6	4	Tulip snail and horse conch
turtle egg	(IVVD) (P)	Still	6	11	Turtle egg
turtle egg shells	(P)	Still	6	11	Many turtle egg shells
turtle on rock	(P)	Still	6	10	Turtle on rock
turtle, sea	(P)	Still	6	10	Sea turtle
typical bacterium, <i>E. Coli</i> on left; liver cell on right	(P)	Still	2	1	Typical bacterium, <i>E. Coli</i> on left; liver cell on right

Image Description		age	Buffe		Event Title on DVD Menu
	Type	Length	Lesson S	creen	
UV					
Uppsala University Botanical Garden circa 1745	(P)	Still	1	3	Uppsala University Botanical Garden circa 1745
Uppsala University Botanical Garden today	(P)	Still	1	3	Uppsala University Botanical Garden today
urchin test, sea	(P)	Still	6	7	Sea urchin test
urchin test, sea; tiny	(P)	Still	6	7	Tiny sea urchin test
urchin, sea	(P)	Still	6	7	Sea urchin
various algae; algae labeled	(P)	Still	3	2	Various algae; algae labeled
various flagella arrangements	(P)	Still	2	2	Various flagella arrangements
various household items; arrangement 1	(P)	Still	1	1	Various household items; arrangement 1
various household items; arrangement 2	(P)	Still	1	1	Various household items; arrangement 2
various household items; unsorted	(P)	Still	1	1	Various household items; unsorted
various slime molds; slime molds labeled	(P)	Still	3	2	Various slime molds; slime molds labeled
vascular	IGL5				vascular
vascular labeled; leaf veins	(P)	Still	5	1	Leaf veins; vascular labeled
veins, leaf; vascular labeled	(P)	Still	5	1	Leaf veins; vascular labeled
vent, hydrothermal; on ocean floor	(NVB)	:35	2	4	Hydrothermal vent on ocean floor
vertebrata, subphylum; phylum chordata	(I/D)	Still	6	11	Phylum Chordata, subphylum Vertebrata classes
vertebrate	IGL6				vertebrate
vervet monkey	(P)	Still	6	14	Vervet monkey
Vibrio cholerae; TEM 2,000x	(P)	Still	2	2	Vibrio cholerae; TEM 2,000x
video rental store layout	(I/D)	Still	1	1	Video rental store layout
Volvox colony	(P)	Still	3	5	Volvox colony
<i>Volvox</i> colony close up; cytoplasmic bridges visible	(P)	Still	3	5	<i>Volvox</i> colony close up; cytoplasmic bridges visible
<i>Volvox</i> colony; daughter colonies visible and labeled	(P)	Still	3	5	<i>Volvox</i> colony; daughter colonies visible and labeled
<i>Volvox</i> colony; extreme close up; flagella, eyespots visible	(P)	Still	3	5	<i>Volvox</i> colony; extreme close up; flagella, eyespot visible
Volvox moving	(VB)	:11	3	5	Volvox moving
W					8
Western tanager wing detail; bat wings; butterfly wings	(P)	Still	1	2	Western tanager wing detail; bat wings; butterfly wings
whale carcass, hagfish eating	(NVB)	:40	6	8	Hagfish eating whale carcass
whale, blue	(NVB)	:32	6	13	Blue whale
whales communicating	(VB)	:17	6	13	Whales communicating
whales, beluga and polar bear	(VD) (NVB)	:35	6	13	Polar bear and beluga whales
white rabbit	(P)	Still	6	12	White rabbit
winter rabbit wings, butterfly, bat and Western tanager bird wing detail	(P)	Still	1	2	Western tanager wing detail; bat wings; butterfly wings
Woese, Carl	(P)	Still	2	5	Dr. Carl Woese
wood duck drake and ducklings	(P)	Still	1	2	Wood duck drake and ducklings
worm, acorn	(P)	Still	6	8	Preserved acorn worm
worm, polychaete	(NVB)	:47	6	5	Polychaete worm hunts shrimp
	/		-		,

Image Description		age Length	Buf Lesson		Event Title on DVD Menu
XYZ					
x-ray of intestine; adult <i>T. saginata</i> exposed	(P)	Still	6	3	X-ray of intestine; adult <i>T. saginata</i> exposed
yeast and yeast product	(P)	Still	4	3	Yeast and yeast product
Yellowstone National Park, perpetually erupting geyser in	(P)	Still	2	4	Clepsydra; perpetually erupting geyser in Yellowstone National Park
Zygosporangia gametangia; close-up view	(P)	Still	4	3	Zygosporangia gametangia; close-up view