

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 “Plants” 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 4, Part 2, Screen 2. Lessons 2 and 4 are two-part lessons. Lessons 1 and 3 are single-part lessons and will not have a part number. 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			Event Title on DVD Menu
		Lesson	Part	Screen	
pollination, pine; by wind	(NVB) :19	4	2	2	Pine pollination by wind

This 19-second narrated video bite named “Pine pollination by wind” is located in “Buffet” LESSON 4, PART 2, SCREEN 2

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.

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
A						
adaptations	(T)	Still	3	•	2	Adaptations
adaptations and photosynthesis	(T)	Still	3	•	1	Photosynthesis and adaptations
adapted leaves; Asian pitcher plant	(NVB)	1:07	2	2	5	Asian pitcher plant growing
adapted leaves; Namib Desert plant	(VB)	:13	3	•	2	Namib Desert plant
adapted leaves; pebble plant mimicking the gravel around it	(NVB)	:23	3	•	3	Pebble plant mimicking the gravel around it
adapted leaves; Saguaro cactus	(NVB)	:43	3	•	2	Saguaro cactus
algae, single-cell	(NVB)	:50	4	2	4	Single-cell algae
Amazon water lily	(NVB)	:45	3	•	2	Amazon water lily
<i>Amorphophallus titanum</i> blooming	(VB)	:06	4	2	2	<i>Amorphophallus titanum</i> blooming
angiosperm			IG L4			
angiosperms; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
Anguilla, resort on	(P)	Still	2	1	2	Resort on Anguilla
animal cell; compared to plant cell; labeled	(I/D)	Still	2	1	4	Plant cell compared to animal cell; labeled
annual rings sample; tree struck by avalanche	(P)	Still	2	2	3	Annual rings sample; tree struck by avalanche
anther			IG L4			
anther, filament and stamen labeled; flower	(I/D)	Still	4	2	1	Flower; stamen, filament and anther labeled
<i>Arabidopsis thaliana</i> stomata	(P)	Still	2	2	5	<i>Arabidopsis thaliana</i> stomata
Arctic poppies	(NVB)	:38	3	•	2	Arctic poppies
Asian pitcher plant growing	(NVB)	1:07	2	2	5	Asian pitcher plant growing
asparagus, celery and rhubarb	(P)	Still	2	2	2	Celery, asparagus and rhubarb
aspen trees, stand of genetically identical	(P)	Still	1	•	1	Stand of genetically identical aspen trees
assorted flowers	(P)	Still	4	2	4	Flower assortment
atmosphere, composition of	(I/D)	Still	2	1	3	Composition of our atmosphere
B						
babiana iris and hoverfly	(NVB)	:52	1	•	1	Babiana iris and hoverfly
banana bread batter	(VB)	:02	1	•	2	Plants as food; banana bread batter
banana bread ingredients	(P)	Still	1	•	2	Plants as food; banana bread ingredients
banana bread recipe card	(I/D)	Still	1	•	2	Fresh banana bread recipe card
bean seedlings at different stages of development	(P)	Still	4	1	2	Bean seedlings at different stages of development
bean seedlings; recently emerged	(P)	Still	4	1	2	Bean seedlings; recently emerged
bees, carpenter; with passion flower	(VB)	:10	4	2	1	Passion flower with carpenter bees
berry ripening; seed dispersal	(VB)	:10	4	2	3	Berry ripening; seed dispersal
bird pollinators	(NVB)	1:00	4	2	2	Bird pollinators
bird, mistletoe; seed dispersal	(NVB)	1:04	1	•	1	Mistletoe bird
blooming flowers; crocus	(VB)	:05	4	1	3	Crocus blooming
blooming wolffia plant; yellow flower	(P)	Still	1	•	1	Wolffia plants; yellow flower blooming
blooming wolffia plants inside letter "o"	(P)	Still	1	•	1	Two blooming wolffia plants inside letter "o"
blooming, <i>Amorphophallus titanum</i>	(VB)	:06	4	2	2	<i>Amorphophallus titanum</i> blooming
blue jeans; cotton labels in clothing	(P)	Still	1	•	3	Blue jeans; cotton labels in clothing
broad bean leaf stoma; SEM 465x	(P)	Still	2	2	4	Broad bean leaf stoma; SEM 465x
burdock seed dispersal	(VB)	:10	4	2	3	Burdock seed dispersal
C						
cabbage, herbs, lettuce, spinach	(P)	Still	2	2	3	Edible leaves; lettuce, spinach, cabbage, herbs
cactus, Saguaro	(NVB)	:43	3	•	2	Saguaro cactus
call, plant; unlabeled	(I/D)	Still	2	1	3	Plant cell; unlabeled

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
carbon dioxide			IG L3			
carbon dioxide enters leaf through open stomata	(I/D)	Still	3	•	1	Carbon dioxide enters leaf through open stomata
carbon, hydrogen, oxygen combine to make glucose	(I/D)	Still	3	•	1	Carbon, hydrogen, oxygen combine to make glucose
carnivorous plants, Asian pitcher plant	(NVB)	1:07	2	2	5	Asian pitcher plant growing
carnivorous plants, Venus's flytrap catching a beetle	(NVB)	:26	2	2	5	Venus's flytrap catching a beetle
carpenter bees; with passion flower	(VB)	:10	4	2	1	Passion flower with carpenter bees
<i>Catharanthus roseus</i> ; Madagascar periwinkle	(P)	Still	1	•	3	<i>Catharanthus roseus</i> ; Madagascar periwinkle
celery, asparagus and rhubarb	(P)	Still	2	2	2	Celery, asparagus and rhubarb
cell wall, plant; cellulose	(P)	Still	2	1	4	Cellulose plant cell walls
cell, plant parenchyma; electron micrograph	(P)	Still	2	1	3	Plant parenchyma cell; electron micrograph
cell, plant parenchyma; TEM image 950xB	(P)	Still	2	1	3	Plant parenchyma cell; TEM image 950xB
cell, plant; compared to animal cell; labeled	(I/D)	Still	2	1	4	Plant cell compared to animal cell; labeled
cell, plant; labeled	(I/D)	Still	2	1	3	Plant cell; labeled
cell, tradescantia stamen hair; cytoplasmic streaming	(VB)	:24	2	1	5	Tradescantia stamen hair cell; cytoplasmic streaming
cells, plant; 100x magnification	(P)	Still	2	1	3	Plant cells; 100x magnification
cellulose fibers in Indian print paper	(P)	Still	2	1	4	Cellulose fibers in Indian print paper
cellulose plant cell walls	(P)	Still	2	1	4	Cellulose plant cell walls
cherry tomatoes growing hydroponically	(P)	Still	2	1	2	Cherry tomatoes growing hydroponically
chlorophyll			IG L2			
chlorophyll; chloroplasts in elodea	(VB)	:08	2	1	4	Chloroplasts in elodea
chlorophyll; light energy strikes chloroplasts	(I/D)	Still	3	•	1	Light energy strikes chloroplasts
chloroplasts in elodea	(VB)	:08	2	1	4	Chloroplasts in elodea
chloroplasts visible; zebrina with open stoma	(P)	Still	2	2	4	Zebrina; open stoma; chloroplasts visible
chloroplasts; light energy strikes	(I/D)	Still	3	•	1	Light energy strikes chloroplasts
classification and reproduction	(T)	Still	4	1	1	Classification and reproduction
classification chart, Plant Kingdom	(I/D)	Still	4	1	1	Plant Kingdom classification chart
classification, plant	(T)	Still	4	1	1	Plant classification
classification, plant; <i>Rhizomnium glabrescens</i>	(P)	Still	4	1	1	Fan moss; <i>Rhizomnium glabrescens</i>
climbing plant; rattan	(NVB)	:48	2	2	3	Rattan plants climbing tree
club mosses; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
composition of our atmosphere	(I/D)	Still	2	1	3	Composition of our atmosphere
conifers; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
corn plants growing toward light	(VB)	:08	2	1	1	Corn plants growing toward light
corn plants growing toward light	(VB)	:08	2	1	1	Corn plants growing toward light
corn root gravitropism	(VB)	:10	3	•	3	Corn root gravitropism
corn seed germination	(VB)	:12	3	•	3	Corn seed germination
corn seedlings at different stages of development	(P)	Still	4	1	2	Corn seedlings at different stages of development
corn seedlings; phototropism	(VB)	:04	3	•	3	Phototropism in corn seedlings
corn seeds germinating	(VB)	:12	2	2	1	Two corn seeds germinating
cortex and epidermis labeled; root cross section	(I/D)	Still	2	2	1	Root cross section; epidermis, cortex labeled
cortex, vascular bundle, epidermis, xylem, phloem; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem, phloem

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	Type	Length	Lesson	Part	Screen	
cotton blue jeans	(P)	Still	1	•	3	Blue jeans; cotton labels in clothing
cotton plant	(P)	Still	1	•	3	Cotton plant
cotyledon			IG L4			
cotyledon, embryo and seed coat labeled; seed	(I/D)	Still	4	1	2	Seed; cotyledon, embryo, seed coat labeled
cotyledons; dicot and monocot flowers compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
cotyledons; monocot and dicot leaves compared	(P)	Still	4	1	2	Monocot leaf versus dicot leaf
crocus blooming	(VB)	:05	4	1	3	Crocus blooming
cross-pollination			IG L4			
cucumber, squirting	(VB)	:09	4	2	3	Squirting cucumber
cucumbers growing hydroponically	(P)	Still	2	1	2	Cucumbers growing hydroponically
cycads; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
cycle, life; of fern	(A)	1:00	Visuals a la Carte			Fern life cycle
cycle, life; of flowering plant	(A)	1:05	Visuals a la Carte			Flowering plant life cycle
cycle, life; of plant	(A)	:30	Visuals a la Carte			Fast Plants life cycle
cytoplasmic streaming; tradescantia stamen hair cell	(VB)	:24	2	1	5	Tradescantia stamen hair cell; cytoplasmic streaming
D						
dandelion seed dispersal	(NVB)	:32	4	2	3	Dandelion seed dispersal
decomposing fox	(VB)	:30	1	•	4	Fox decomposing
definition of a plant	(I/D)	Still	1	•	2	Definition of a plant
diagram, energy flow	(I/D)	Still	1	•	4	Energy flow
diagram, energy loss	(I/D)	Still	1	•	5	Energy loss
diagram, energy pyramid	(I/D)	Still	1	•	5	Energy pyramid
diagram, flower fully labeled	(I/D)	Still	4	2	2	Flower; fully labeled
diagram, flower; petal and sepal labeled	(I/D)	Still	4	2	1	Flower; petal and sepal labeled
diagram, flower; pistil, ovary, ovule, style, stigma labeled	(I/D)	Still	4	2	1	Flower; pistil, ovary, ovule, style, stigma labeled
dicot			IG L4			
dicot and monocot flowers compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
dicot and monocot leaves compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
dicot and monocot seeds	(I/D)	Still	4	2	3	Dicot and monocot seeds
dicots; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
<i>Digitalis purpurea</i> ; foxglove plant	(P)	Still	1	•	3	Digitalis purpurea; foxglove plant
dispersal, seed; berry ripening	(VB)	:10	4	2	3	Berry ripening; seed dispersal
dispersal, seed; burdock	(VB)	:10	4	2	3	Burdock seed dispersal
dispersal, seed; dandelion	(NVB)	:32	4	2	3	Dandelion seed dispersal
dispersal, seed; flinging cucumber	(VB)	:09	4	2	3	Flinging cucumber
dispersal, seed; Himalayan balsam	(VB)	:09	4	2	3	Himalayan balsam
dispersal, seed; mistletoe bird	(NVB)	1:04	1	•	1	Mistletoe bird
dispersal, seed; squirting cucumber	(VB)	:09	4	2	3	Squirting cucumber
dispersal, seed; tree	(VB)	:10	4	2	3	Tree seed dispersal
dispersal, seed; trewia	(NVB)	:48	4	2	3	Trewia seed dispersal
drip line feeding plant in hydroponic system	(P)	Still	2	1	2	Drip line feeding plant in hydroponic system
E						
eastern cottontail rabbit	(P)	Still	1	•	4	Eastern cottontail rabbit
edible leaves; lettuce, spinach, cabbage, herbs	(P)	Still	2	2	3	Edible leaves; lettuce, spinach, cabbage, herbs
electron micrograph; plant parenchyma cell	(P)	Still	2	1	3	Plant parenchyma cell; electron micrograph
elms; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart

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elodea, chloroplasts in	(VB)	:08	2	1	4	Chloroplasts in elodea
embryo			IG L4			
embryo, seed coat and cotyledon labeled; seed	(I/D)	Still	4	1	2	Seed; cotyledon, embryo, seed coat labeled
energy flow			IG L1			
energy flow	(I/D)	Still	1	•	4	Energy flow
energy flow	(A)	:17	1	•	5	Energy flow
energy loss	(I/D)	Still	1	•	5	Energy loss
energy pyramid	(I/D)	Still	1	•	5	Energy pyramid
<i>Ephedra major</i>	(P)	Still	1	•	3	<i>Ephedra major</i>
epidermis (upper and lower), palisade and spongy layers, xylem, phloem; leaf epidermis and cortex labeled;	(I/D)	Still	2	2	4	Vein, phloem, xylem, epidermis, palisade, spongy
root cross section	(I/D)	Still	2	2	1	Root cross section; epidermis, cortex labeled
epidermis, cortex, vascular bundle, xylem, phloem; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem, phloem
epidermis, cortex, vascular bundle, xylem; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem
epidermis, cortex, vascular bundle; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle
epidermis, labeled; root cross section	(I/D)	Still	2	2	1	Root cross section; epidermis labeled
F						
fan moss; <i>Rhizomnium glabrescens</i>	(P)	Still	4	1	1	Fan moss; <i>Rhizomnium glabrescens</i>
Fast Plants life cycle	(A)	:30	Visuals a la Carte			Fast Plants life cycle
fern life cycle	(A)	1:00	Visuals a la Carte			Fern life cycle
fern sori, holly	(P)	Still	4	1	1	Holly fern sori
ferns; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
fertilization	(A)	:13	4	2	2	Fertilization
fertilization, preventing self-	(NVB)	:55	4	2	3	Preventing self-fertilization
fibers, cellulose; in Indian print paper	(P)	Still	2	1	4	Cellulose fibers in Indian print paper
filament, stamen and anther labeled; flower	(I/D)	Still	4	2	1	Flower; stamen, filament and anther labeled
flinging cucumber; seed dispersal	(VB)	:09	4	2	3	Flinging cucumber
flower			IG L4			
flower assortment	(P)	Still	4	2	4	Flower assortment
flower assortment; plant reproduction	(T)	Still	4	2	1	Flower assortment; plant reproduction
flower cross section; ovary and ovule labeled	(I/D)	Still	4	1	2	Flower cross section; ovary and ovule labeled
flower, passion; opening	(VB)	:05	4	2	1	Passion flower opening
flower, passion; with carpenter bees	(VB)	:10	4	2	1	Passion flower with carpenter bees
flower; fully labeled	(I/D)	Still	4	2	2	Flower; fully labeled
flower; petal and sepal labeled	(I/D)	Still	4	2	1	Flower; petal and sepal labeled
flower; pistil, ovary, ovule, style, stigma labeled	(I/D)	Still	4	2	1	Flower; pistil, ovary, ovule, style, stigma labeled
flower; stamen, filament and anther labeled	(I/D)	Still	4	2	1	Flower; stamen, filament and anther labeled
flower; stigma of lily	(P)	Still	4	2	1	Lily flower stigma
flower; unlabeled	(I/D)	Still	4	2	1	Flower; unlabeled
flowering plant life cycle	(A)	1:05	Visuals a la Carte			Flowering plant life cycle
flowering plants; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
flowers; dicot and monocot compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
flowers; star lilies opening	(VB)	:15	4	2	1	Star lilies opening
forest, trees in	(P)	Still	3	•	2	Trees in forest
fox, decomposing	(VB)	:30	1	•	4	Fox decomposing

Image Description	Image		Buffet			Event Title on DVD Menu
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fox, red; with prey	(P)	Still	1	•	4	Red fox with prey
foxglove plant; <i>Digitalis purpurea</i>	(P)	Still	1	•	3	Digitalis purpurea; foxglove plant
fruit			IG L4			
fruit, assorted	(P)	Still	1	•	4	Fruit
fruit, minute <i>Wolffia angusta</i> beside salt grains	(P)	Still	1	•	1	One-seeded wolffia fruits beside salt grains
fruit, sliced	(P)	Still	4	1	1	Sliced fruit
fruit; berry ripening	(VB)	:10	4	2	3	Berry ripening; seed dispersal
fungal partners; with tree roots	(NVB)	1:05	2	2	1	Tree roots with fungal partners
furniture, rattan	(P)	Still	2	2	3	Rattan furniture
G						
genetically identical aspen trees	(P)	Still	1	•	1	Stand of genetically identical aspen trees
geotropism, see gravitropism						
germinating corn seeds	(VB)	:12	2	2	1	Two corn seeds germinating
germinating sunflower seeds; growing in darkness	(VB)	:15	2	1	1	Sunflower seeds; germinating, growing in darkness
germinating sunflower seeds; growing in light	(VB)	:14	2	1	1	Sunflower seeds; germinating, growing in light
germination			IG L4			
germination, corn seed	(VB)	:12	3	•	3	Corn seed germination
<i>Ginkgo biloba</i> herbal product	(P)	Still	1	•	3	<i>Ginkgo biloba</i> herbal product
<i>Ginkgo biloba</i> plant	(P)	Still	1	•	3	<i>Ginkgo biloba</i> plant
ginkgos; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
glucose is converted to sucrose during photosynthesis	(I/D)	Still	3	•	1	Glucose is converted to sucrose
glucose; made by carbon, hydrogen, oxygen combining	(I/D)	Still	3	•	1	Carbon, hydrogen, oxygen combine to make glucose
gnetophytes; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
grass	(P)	Still	1	•	4	Grass
grasses; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
gravitropism			IG L3			
gravitropism, corn root exhibiting	(VB)	:10	3	•	3	Corn root gravitropism
gravitropism, negative; stems	(VB)	:17	3	•	3	Negative gravitropism of stems
gymnosperm			IG L4			
gymnosperms; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
H						
hangman game; C E L L S	(I/D)	Still	2	1	3	Hangman game; C E L L S
harvesting wheat	(VB)	:10	1	•	2	Plants as food; wheat harvesting
herbs, lettuce, spinach, cabbage	(P)	Still	2	2	3	Edible leaves; lettuce, spinach, cabbage, herbs
Himalayan balsam; seed dispersal	(VB)	:09	4	2	3	Himalayan balsam
holly fern sori	(P)	Still	4	1	1	Holly fern sori
hornworts; Plant Kingdom classification	(I/D)	Still	4	1	1	Plant Kingdom classification chart
horsetails; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
hoverfly, and <i>Babiana iris</i>	(NVB)	:52	1	•	1	<i>Babiana iris</i> and hoverfly
hydrogen, oxygen, carbon combine to make glucose	(I/D)	Still	3	•	1	Carbon, hydrogen, oxygen combine to make glucose
hydroponics; cherry tomatoes growing	(P)	Still	2	1	2	Cherry tomatoes growing hydroponically
hydroponics; cucumbers growing	(P)	Still	2	1	2	Cucumbers growing hydroponically
hydroponics; drip line feeding plant	(P)	Still	2	1	2	Drip line feeding plant in hydroponic system

Image Description	Image		Buffet			Event Title on DVD Menu
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hydroponics; lettuce growing in farm	(P)	Still	2	1	2	Lettuce growing in hydroponic farm
hydroponics; lettuce growing in farm, close-up	(P)	Still	2	1	2	Lettuce growing in hydroponic farm; close-up
hydroponics; peppers growing	(P)	Still	2	1	2	Peppers growing hydroponically
hydroponics; seedlings growing in farm	(P)	Still	2	1	2	Seedlings growing in hydroponic farm
hydroponics; worker filling growing buckets with perlite	(P)	Still	2	1	2	Worker filling growing buckets with perlite
I						
Indian print paper, cellulose fibers in	(P)	Still	2	1	4	Cellulose fibers in Indian print paper
insect pollinators	(NVB)	:53	4	2	2	Insect pollinators
insect pollinators; Babiana iris and hoverfly	(NVB)	:52	1	•	1	Babiana iris and hoverfly
insect pollinators; passion flower with carpenter bees	(VB)	:10	4	2	1	Passion flower with carpenter bees
interdependence; mistletoe plant and bird	(NVB)	1:04	1	•	1	Mistletoe bird
interdependence; passion flower with carpenter bees	(VB)	:10	4	2	1	Passion flower with carpenter bees
irises; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
J • K • L						
jellyfish, mastigias; and photosynthetic organisms	(NVB)	1:36	3	•	2	Mastigias and photosynthetic organisms
kelp	(NVB)	:48	4	2	4	Kelp
leaf	(P)	Still	3	•	1	Leaf
leaf			IG L2			
leaf cross section; labeled	(I/D)	Still	2	2	4	Leaf cross section; labeled
leaf cross section; unlabeled	(I/D)	Still	2	2	3	Leaf cross section; unlabeled
leaf cross section; vein, phloem and xylem labeled	(I/D)	Still	2	2	3	Leaf cross section; vein, phloem, xylem labeled
leaf veins	(P)	Still	2	2	3	Leaf veins
leaf, broad bean; stoma, SEM 465x	(P)	Still	2	2	4	Broad bean leaf stoma; SEM 465x
leaf, edible; lettuce, spinach, cabbage and herbs	(P)	Still	2	2	3	Edible leaves; lettuce, spinach, cabbage, herbs
leaf, lilac; palisade layer	(P)	Still	2	2	4	Lilac leaf palisade layer
leaf, mimosa; wilting	(VB)	:10	1	•	2	Mimosa leaf wilting
leaf, stem, roots labeled	(I/D)	Still	2	2	1	Plant; roots, stem, leaf labeled
leaf, typical; from maple tree	(P)	Still	2	2	3	Typical leaf from a maple tree
leaf; carbon dioxide enters through open stomata	(I/D)	Still	3	•	1	Carbon dioxide enters leaf through open stomata
leaf; dicot and monocot compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
leaf; edge-on view with dime for scale	(P)	Still	2	2	3	Leaf edge-on view with dime for scale
leaf; oxygen molecules exit through stomata	(I/D)	Still	3	•	1	Oxygen molecules exit leaf through stomata
leaf; palisade and spongy layers	(P)	Still	2	2	4	Leaf palisade and spongy layers
leaf; vein, phloem, xylem, epidermis, palisade, spongy layers labeled	(I/D)	Still	2	2	4	Vein, phloem, xylem, epidermis, palisade, spongy
leaf; water enters through xylem	(I/D)	Still	3	•	1	Water enters leaf through the xylem
leaves, adapted; Namib Desert plant	(VB)	:13	3	•	2	Namib Desert plant
leaves, adapted; pebble plant mimicking the gravel around it	(NVB)	:23	3	•	3	Pebble plant mimicking the gravel around it
leaves; changing color	(NVB)	:26	2	2	5	Leaves changing color
lettuce growing in hydroponic farm; close-up	(P)	Still	2	1	2	Lettuce growing in hydroponic farm; close-up
lettuce, growing in hydroponic farm	(P)	Still	2	1	2	Lettuce growing in hydroponic farm
lettuce, spinach, cabbage, herbs	(P)	Still	2	2	3	Edible leaves; lettuce, spinach, cabbage, herbs
life cycle of fern	(A)	1:00	Visuals a la Carte			Fern life cycle

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
life cycle of flowering plant	(A)	1:05	Visuals a la Carte			Flowering plant life cycle
life cycle of plant	(A)	:30	Visuals a la Carte			Fast Plants life cycle
light energy strikes chloroplasts	(I/D)	Still	3	•	1	Light energy strikes chloroplasts
light, corn plants growing toward	(VB)	:08	2	1	1	Corn plants growing toward light
lilac leaf palisade layer	(P)	Still	2	2	4	Lilac leaf palisade layer
lilies, star; opening	(VB)	:15	4	2	1	Star lilies opening
lily flower stigma	(P)	Still	4	2	1	Lily flower stigma
lily, Amazon water	(NVB)	:45	3	•	2	Amazon water lily
liverworts; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
lumber mill tour	(NVB)	3:00	1	•	3	Lumber mill tour
M						
Madagascar periwinkle, <i>Catharanthus roseus</i>	(P)	Still	1	•	3	<i>Catharanthus roseus</i> ; Madagascar periwinkle
maple tree; typical leaf	(P)	Still	2	2	3	Typical leaf from a maple tree
maples; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
mastigias and photosynthetic organisms	(NVB)	1:36	3	•	2	Mastigias and photosynthetic organisms
mature ranunculus root cross section	(P)	Still	2	2	2	Mature ranunculus root cross section
meadow with buttercups	(P)	Still	1	•	5	Meadow with buttercups
meat cooking on grill	(P)	Still	1	•	4	Meat cooking on grill
medicago stem cross section	(P)	Still	2	2	2	Medicago stem cross section
medicago stem section; microscopic view	(P)	Still	4	1	3	Medicago stem section; microscopic view
medicago stem section; vascular bundles in a ring	(P)	Still	4	1	2	Medicago stem section; vascular bundles in a ring
meristem, shoot; labeled	(P)	Still	2	2	1	Root, shoot and shoot meristem labeled
micrograph, electron; plant parenchyma cell	(P)	Still	2	1	3	Plant parenchyma cell; electron micrograph
microscopic images; broad bean leaf stoma; SEM 465x	(P)	Still	2	2	4	Broad bean leaf stoma; SEM 465x
microscopic images; cellulose fibers in Indian print paper	(P)	Still	2	1	4	Cellulose fibers in Indian print paper
microscopic images; cellulose plant cell walls	(P)	Still	2	1	4	Cellulose plant cell walls
microscopic images; chloroplasts in elodea	(VB)	:08	2	1	4	Chloroplasts in elodea
microscopic images; mature ranunculus root cross section	(P)	Still	2	2	2	Mature ranunculus root cross section
microscopic images; medicago stem cross section	(P)	Still	2	2	2	Medicago stem cross section
microscopic images; medicago stem section	(P)	Still	4	1	3	Medicago stem section; microscopic view
microscopic images; medicago stem section; vascular bundles in a ring	(P)	Still	4	1	2	Medicago stem section; vascular bundle in a ring
microscopic images; plant cells; 100x magnification	(P)	Still	2	1	3	Plant cells; 100x magnification
microscopic images; radish root hairs; SEM	(P)	Still	2	2	1	Radish root hairs; SEM
microscopic images; ranunculus root cross section	(P)	Still	2	2	2	Ranunculus root cross section; vascular bundle
microscopic images; surface of a grass blade; SEM 120x	(P)	Still	2	2	5	Surface of a grass blade; SEM 120x
microscopic images; tradescantia stamen hair cell; cytoplasmic streaming	(VB)	:24	2	1	5	Tradescantia stamen hair cell; cytoplasmic streaming
microscopic images; wild mustard pollen germinating; SEM 405x	(P)	Still	4	2	2	Wild mustard pollen germinating; SEM 405x
microscopic images; zea stem	(P)	Still	4	1	3	Zea stem cross section; microscopic view

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
microscopic images; zebrina; closed stoma	(P)	Still	2	2	4	Zebrina; closed stoma
microscopic images; Zebrina; open stoma; chloroplasts visible	(P)	Still	2	2	4	Zebrina; open stoma; chloroplasts visible
milkweed follicle	(P)	Still	4	1	2	Milkweed follicle
mimosa leaf wilting	(VB)	:10	1	•	2	Mimosa leaf wilting
mimosa, sensitive	(NVB)	:10	3	•	3	Sensitive mimosa
minute plants; blooming wolffia plants inside letter "o"	(P)	Still	1	•	1	Two blooming wolffia plants inside letter "o"
minute plants; <i>Wolffia angusta</i> fruit beside salt grains	(P)	Still	1	•	1	One-seeded wolffia fruits beside salt grains
minute plants; <i>Wolffia angusta</i> plants filling a thimble	(P)	Still	1	•	1	Minute <i>Wolffia angusta</i> plants filling a thimble
minute plants; <i>Wolffia angusta</i> plants in the eye of a needle	(P)	Still	1	•	1	Four wolffia plants in the eye of a needle
minute plants; yellow flower blooming; <i>Wolffia angusta</i>	(P)	Still	1	•	1	Wolffia plants; yellow flower blooming
mistletoe, bird; seed dispersal	(NVB)	1:04	1	•	1	Mistletoe bird
modified leaves; sundew plant	(NVB)	:35	3	•	2	Sundew plant
molecules, oxygen; exit leaf through stomata	(I/D)	Still	3	•	1	Oxygen molecules exit leaf through stomata
monocot			IG L4			
monocot and dicot flowers compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
monocot and dicot leaves compared	(P)	Still	4	1	2	Monocot leaf versus dicot leaf
monocot and dicot seeds	(I/D)	Still	4	2	3	Dicot and monocot seeds
monocots; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
morning glory twining; time-lapse	(VB)	:20	1	•	2	Morning glory twining; time-lapse
moss, Spanish	(P)	Still	Visuals a la Carte			Spanish moss
mosses; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
mustard, wild; pollen germinating; SEM 405x	(P)	Still	4	2	2	Wild mustard pollen germinating; SEM 405x
mystery image 1 (cellulose plant cell walls); microscopic image	(P)	Still	2	1	1	Mystery image 1
mystery image 2 (radish root hairs; SEM); microscopic image	(P)	Still	2	1	1	Mystery image 2
mystery image 3 (Broad bean leaf; SEM; 465x); microscopic image	(P)	Still	2	1	1	Mystery image 3
mystery image 4 (surface of a grass blade; SEM; 120x); microscopic image	(P)	Still	2	1	1	Mystery image 4
N						
Namib Desert plant	(VB)	:13	3	•	2	Namib Desert plant
needs, plant	(I/D)	Still	2	1	2	Plant needs
negative gravitropism of stems	(VB)	:17	3	•	3	Negative gravitropism of stems
nitrogen in atmosphere	(I/D)	Still	2	1	3	Composition of our atmosphere
nonvascular plant			IG L4			
nonvascular plants; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
nonvascular plants; <i>Rhizomnium glabrescens</i> (fan moss)	(P)	Still	4	1	1	Fan moss; <i>Rhizomnium glabrescens</i>
nutrient			IG L2			
O						
oaks; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
one-seeded wolffia fruits beside salt grains	(P)	Still	1	•	1	One-seeded wolffia fruits beside salt grains
organisms, photosynthetic; mastigias	(NVB)	1:36	3	•	2	Mastigias and photosynthetic organisms

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
Our lives... starring plants	(T)	Still	1	•	2	Our lives... starring plants
ovary			IG L4			
ovary and ovule labeled; flower cross section	(I/D)	Still	4	1	2	Flower cross section; ovary and ovule labeled
ovary, ovule, pistil, style, stigma labeled;	(I/D)	Still	4	2	1	Flower; pistil, ovary, ovule, style, stigma labeled
ovule			IG L4			
oxygen			IG L3			
oxygen in atmosphere	(I/D)	Still	2	1	3	Composition of our atmosphere
oxygen molecules exit leaf through stomata	(I/D)	Still	3	•	1	Oxygen molecules exit leaf through stomata
oxygen, carbon and hydrogen combine to make glucose	(I/D)	Still	3	•	1	Carbon, hydrogen, oxygen combine to make glucose
P						
palisade and spongy layers, upper and lower epidermis, xylem, phloem; leaf	(I/D)	Still	2	2	4	Vein, phloem, xylem, epidermis, palisade, spongy
palisade and spongy layers; leaf	(P)	Still	2	2	4	Leaf palisade and spongy layers
palisade layer; lilac leaf	(P)	Still	2	2	4	Lilac leaf palisade layer
palms; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
paper mill tour	(NVB)	3:00	1	•	3	Paper mill tour
paper, Indian print; cellulose fibers in	(P)	Still	2	1	4	Cellulose fibers in Indian print paper
parenchyma cell, plant; electron micrograph	(P)	Still	2	1	3	Plant parenchyma cell; electron micrograph
parenchyma cell, plant; TEM image 950xB	(P)	Still	2	1	3	Plant parenchyma cell; TEM image 950xB
passion flower opening	(VB)	:05	4	2	1	Passion flower opening
passion flower with carpenter bees	(VB)	:10	4	2	1	Passion flower with carpenter bees
pebble plant mimicking the gravel around it	(NVB)	:23	3	•	3	Pebble plant mimicking the gravel around it
peppers growing hydroponically	(P)	Still	2	1	2	Peppers growing hydroponically
periwinkle, Madagascar; <i>Catharanthus roseus</i>	(P)	Still	1	•	3	<i>Catharanthus roseus</i> ; Madagascar periwinkle
perlite, worker filling growing buckets	(P)	Still	2	1	2	Worker filling growing buckets with perlite
petal			IG L4			
petal and sepal labeled; flower	(I/D)	Still	4	2	1	Flower; petal and sepal labeled
phloem			IG L2			
phloem, vascular bundle, epidermis, cortex, xylem; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem, phloem
phloem, xylem, upper / lower epidermis, palisade and spongy layers; leaf	(I/D)	Still	2	2	4	Vein, phloem, xylem, epidermis, palisade, spongy
phloem, xylem, vein labeled; leaf cross section	(I/D)	Still	2	2	3	Leaf cross section; vein, phloem, xylem labeled
photosynthesis; chloroplasts in elodea	(VB)	:08	2	1	4	Chloroplasts in elodea
photosynthesis	(NA)	:58	3	•	1	Photosynthesis
photosynthesis			IG L3			
photosynthesis and adaptations	(T)	Still	3	•	1	Photosynthesis and adaptations
photosynthesis & respiration, comparison	(I/D)	Still	3	•	2	Photosynthesis and respiration comparison
photosynthesis; carbon, hydrogen, oxygen combine to make glucose	(I/D)	Still	3	•	1	Carbon, hydrogen, oxygen combine to make glucose
photosynthesis; glucose converted to sucrose	(I/D)	Still	3	•	1	Glucose is converted to sucrose
photosynthesis; light energy strikes chloroplasts	(I/D)	Still	3	•	1	Light energy strikes chloroplasts
photosynthesis; mastigias and photosynthetic organisms	(NVB)	1:36	3	•	2	Mastigias and photosynthetic organisms
phototropism			IG L3			

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
phototropism in corn seedlings	(VB)	:04	3	•	3	Phototropism in corn seedlings
phototropism in sunflower seedlings	(VB)	:11	3	•	3	Sunflower seedlings exhibit phototropism
phototropism in tomato seedlings	(VB)	:07	3	•	3	Phototropism in tomato seedlings
phototropism labeled; sunflower seedlings	(P)	Still	3	•	3	Sunflower seedlings; phototropism labeled
phototropism; corn plants growing toward light	(VB)	:08	2	1	1	Corn plants growing toward light
phototropism; sunflower seeds; germinating, growing in darkness	(VB)	:15	2	1	1	Sunflower seeds; germinating, growing in darkness
phototropism; sunflower seeds; germinating, growing in light	(VB)	:14	2	1	1	Sunflower seeds; germinating, growing in light
pine pollination by wind	(NVB)	:19	4	2	2	Pine pollination by wind
pine seed	(VB)	:04	4	1	1	Pine seed
pistil			IG L4			
pistil, style, stigma, ovary, ovule labeled; plant	(I/D)	Still	4	2	1	Flower; pistil, ovary, ovule, style, stigma labeled
			IG L1			
plant cell compared to animal cell; labeled	(I/D)	Still	2	1	4	Plant cell compared to animal cell; labeled
plant cell wall, cellulose	(P)	Still	2	1	4	Cellulose plant cell walls
plant cell; labeled	(I/D)	Still	2	1	3	Plant cell; labeled
plant cell; unlabeled	(I/D)	Still	2	1	3	Plant cell; unlabeled
plant cells; 100x magnification	(P)	Still	2	1	3	Plant cells; 100x magnification
plant classification	(T)	Still	4	1	1	Plant classification
plant classification; dicot and monocot flowers compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
plant classification; <i>Rhizomnium glabrescens</i> (fan moss)	(P)	Still	4	1	1	Fan moss; <i>Rhizomnium glabrescens</i>
Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
Plant Museum of the Hard to Believe	(T)	Still	1	•	1	Plant Museum of the Hard to Believe
plant needs	(I/D)	Still	2	1	2	Plant needs
plant needs; gases in atmosphere	(I/D)	Still	2	1	3	Composition of our atmosphere
plant parenchyma cell; electron micrograph	(P)	Still	2	1	3	Plant parenchyma cell; electron micrograph
plant parenchyma cell; TEM image 950xB	(P)	Still	2	1	3	Plant parenchyma cell; TEM image 950xB
plant products, clothing; cotton blue jeans	(P)	Still	1	•	3	Blue jeans; cotton labels in clothing
plant products, medicines; <i>Catharanthus roseus</i> (Madagascar periwinkle)	(P)	Still	1	•	3	<i>Catharanthus roseus</i> ; Madagascar periwinkle
plant products, medicines; <i>Digitalis purpurea</i> (foxglove plant)	(P)	Still	1	•	3	<i>Digitalis purpurea</i> ; foxglove plant
plant products, medicines; <i>Ephedra major</i>	(P)	Still	1	•	3	<i>Ephedra major</i>
plant products, medicines; <i>Ginkgo biloba</i> herbal product	(P)	Still	1	•	3	<i>Ginkgo biloba</i> herbal product
plant products, paper; cellulose fibers in Indian print paper	(P)	Still	2	1	4	Cellulose fibers in Indian print paper
plant products; lumber mill tour	(NVB)	3:00	1	•	3	Lumber mill tour
plant products; paper mill tour	(NVB)	3:00	1	•	3	Paper mill tour
plant products; rattan furniture	(P)	Still	2	2	3	Rattan furniture
plant structure	(T)	Still	2	1	1	Plant structure
plant topiary; bushes carved to resemble hounds	(P)	Still	1	•	4	Plant topiary; bushes carved to resemble hounds
plant topiary; swans carved out of hedges	(P)	Still	1	•	4	Plant topiary; swans carved out of hedges
plant, definition of	(I/D)	Still	1	•	2	Definition of a plant
plant, flowering; life cycle	(A)	1:05	Visuals a la Carte			Flowering plant life cycle
plant, life cycle	(A)	:30	Visuals a la Carte			Fast Plants life cycle
plant, what is a?	(T)	Still	1	•	2	What is a plant?
plant, wilting	(VB)	:17	2	1	1	Wilting plant
plant; roots, stem, leaf labeled	(I/D)	Still	2	2	1	Plant; roots, stem, leaf labeled

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
plants as food; assorted fruit	(P)	Still	1	•	4	Fruit
plants as food; banana bread batter	(VB)	:02	1	•	2	Plants as food; banana bread batter
plants as food; banana bread ingredients	(P)	Still	1	•	2	Plants as food; banana bread ingredients
plants as food; celery, asparagus and rhubarb	(P)	Still	2	2	2	Celery, asparagus and rhubarb
plants as food; cherry tomatoes growing hydroponically	(P)	Still	2	1	2	Cherry tomatoes growing hydroponically
plants as food; cucumbers growing hydroponically	(P)	Still	2	1	2	Cucumbers growing hydroponically
plants as food; fresh banana bread recipe card	(I/D)	Still	1	•	2	Fresh banana bread recipe card
plants as food; lettuce growing in hydroponic farm	(P)	Still	2	1	2	Lettuce growing in hydroponic farm
plants as food; lettuce growing in hydroponic farm, close-up	(P)	Still	2	1	2	Lettuce growing in hydroponic farm; close-up
plants as food; lettuce, spinach, cabbage, and herbs	(P)	Still	2	2	3	Edible leaves; lettuce, spinach, cabbage, herbs
plants as food; peppers growing hydroponically	(P)	Still	2	1	2	Peppers growing hydroponically
plants as food; produce section	(VB)	1:00	1	•	2	Plants as food; produce section
plants as food; root vegetables	(P)	Still	2	2	2	Various root vegetables
plants as food; sliced fruit	(P)	Still	4	1	1	Sliced fruit
plants as food; wheat harvesting	(VB)	:10	1	•	2	Plants as food; wheat harvesting
Plants have needs, too	(T)	Still	2	1	1	Plants have needs, too
plants, flowering; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
plants, nonvascular; <i>Rhizomnium glabrescens</i> (fan moss)	(P)	Still	4	1	1	Fan moss; <i>Rhizomnium glabrescens</i>
pollen			IG L4			
pollen labeled	(NVB)	:38	4	2	1	Pollen labeled
pollen, germinating wild mustard; SEM 405x	(P)	Still	4	2	2	Wild mustard pollen germinating; SEM 405x
pollination			IG L4			
pollination by wind	(NVB)	:30	4	2	2	Pollination by wind
pollination labeled	(A)	:03	4	2	2	Pollination labeled
pollination, pine; by wind	(NVB)	:19	4	2	2	Pine pollination by wind
pollination; passion flower with carpenter bees	(VB)	:10	4	2	1	Passion flower with carpenter bees
pollinators, bird	(NVB)	1:00	4	2	2	Bird pollinators
pollinators, insect	(NVB)	:53	4	2	2	Insect pollinators
pollinators, insect; passion flower with carpenter bees	(VB)	:10	4	2	1	Passion flower with carpenter bees
pollinators; Babiana iris and hoverfly	(NVB)	:52	1	•	1	Babiana iris and hoverfly
poppies, Arctic	(NVB)	:38	3	•	2	Arctic poppies
potatoes; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
predator; red fox with prey	(P)	Still	1	•	4	Red fox with prey
preventing self-fertilization	(NVB)	:55	4	2	3	Preventing self-fertilization
prey; with red fox	(P)	Still	1	•	4	Red fox with prey
produce	(VB)	1:00	1	•	2	Plants as food; produce section
R						
rabbit, eastern cottontail	(P)	Still	1	•	4	Eastern cottontail rabbit
radish root hairs; SEM	(P)	Still	2	2	1	Radish root hairs; SEM
ranunculus root cross section; vascular bundle	(P)	Still	2	2	2	Ranunculus root cross section; vascular bundle
rattan furniture	(P)	Still	2	2	3	Rattan furniture

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
rattan plants climbing tree	(NVB)	:48	2	2	3	Rattan plants climbing tree
red fox with prey	(P)	Still	1	•	4	Red fox with prey
reproduction and classification	(T)	Still	4	1	1	Classification and reproduction
reproduction; fertilization	(A)	:13	4	2	2	Fertilization
reproduction; flower cross section; ovary and ovule labeled	(I/D)	Still	4	1	2	Flower cross section; ovary and ovule labeled
reproduction; flower; monocot and dicot compared	(P)	Still	4	1	3	Monocot and dicot flowers compared
reproduction; flower; ovary, ovule, pistil, stigma, style labeled	(I/D)	Still	4	2	1	Flower; pistil, ovary, ovule, style, stigma labeled
reproduction; flower; stamen, filament and anther labeled	(I/D)	Still	4	2	1	Flower; stamen, filament and anther labeled
reproduction; flowers; star lilies opening	(VB)	:15	4	2	1	Star lilies opening
reproduction; fruit	(P)	Still	1	•	4	Fruit
reproduction; fully labeled flower	(I/D)	Still	4	2	2	Flower; fully labeled
reproduction; lily flower stigma	(P)	Still	4	2	1	Lily flower stigma
reproduction; passion flower opening	(VB)	:05	4	2	1	Passion flower opening
reproduction; unlabeled flower	(I/D)	Still	4	2	1	Flower; unlabeled
resort on Anguilla	(P)	Still	2	1	2	Resort on Anguilla
respiration	(I/D)	Still	3	•	2	Respiration
respiration	(A)	:17	Visuals a la Carte			Respiration
respiration	IG L3					
respiration & photosynthesis, comparison	(I/D)	Still	3	•	2	Photosynthesis and respiration comparison
<i>Rhizomnium glabrescens</i> ; fan moss	(P)	Still	4	1	1	Fan moss; <i>Rhizomnium glabrescens</i>
rhubarb, asparagus and celery	(P)	Still	2	2	2	Celery, asparagus and rhubarb
rice; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
rings, tree; showing fire scars	(P)	Still	2	2	3	Tree rings showing fire scars
rings, tree; tree struck by avalanche	(P)	Still	2	2	3	Annual rings sample; tree struck by avalanche
ripening, berry	(VB)	:10	4	2	3	Berry ripening; seed dispersal
root	IG L2					
root cross section, of mature ranunculus	(P)	Still	2	2	2	Mature ranunculus root cross section
root cross section, ranunculus; vascular bundle	(P)	Still	2	2	2	Ranunculus root cross section; vascular bundle
root cross section; epidermis labeled	(I/D)	Still	2	2	1	Root cross section; epidermis labeled
root cross section; epidermis and cortex labeled	(I/D)	Still	2	2	1	Root cross section; epidermis, cortex labeled
root cross section; epidermis, cortex, vascular bundle	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle
root cross section; epidermis, cortex, vascular bundle, xylem	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem
root cross section; epidermis, cortex, vascular bundle, xylem, phloem	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem, phloem
root cross section; unlabeled	(I/D)	Still	2	2	1	Root cross section; unlabeled
root hairs	IG L2					
root hairs, radish; SEM	(P)	Still	2	2	1	Radish root hairs; SEM
root hairs; labeled	(P)	Still	2	2	1	Root hairs; labeled
root vegetables	(P)	Still	2	2	2	Various root vegetables
root, corn; exhibiting gravitropism	(VB)	:10	3	•	3	Corn root gravitropism
root, shoot and shoot meristem labeled	(P)	Still	2	2	1	Root, shoot and shoot meristem labeled
rootless plants; blooming wolffia plant; yellow flower	(P)	Still	1	•	1	Wolffia plants; yellow flower blooming
rootless plants; blooming wolffia plants inside letter "o"	(P)	Still	1	•	1	Two blooming wolffia plants inside letter "o"
rootless plants; mistletoe	(NVB)	1:04	1	•	1	Mistletoe bird
rootless plants; <i>Wolffia angusta</i> fruit	(P)	Still	1	•	1	One-seeded wolffia fruits beside salt grains

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
rootless plants; <i>Wolffia angusta</i> plants filling a thimble	(P)	Still	1	•	1	Minute <i>Wolffia angusta</i> plants filling a thimble
rootless plants; <i>Wolffia angusta</i> plants in the eye of a needle	(P)	Still	1	•	1	Four wolffia plants in the eye of a needle
roots and root hairs growing	(NVB)	:30	2	2	1	Roots and root hairs growing
roots, stem, leaf labeled; plant	(I/D)	Still	2	2	1	Plant; roots, stem, leaf labeled
roots, tree; with fungal partners	(NVB)	1:05	2	2	1	Tree roots with fungal partners
roses; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
S						
Saguaro cactus	(NVB)	:43	3	•	2	Saguaro cactus
seed			IG L4			
seed coat			IG L4			
seed coat, cotyledon and embryo labeled	(I/D)	Still	4	1	2	Seed; cotyledon, embryo, seed coat labeled
seed dispersal, burdock	(VB)	:10	4	2	3	Burdock seed dispersal
seed dispersal, dandelion	(NVB)	:32	4	2	3	Dandelion seed dispersal
seed dispersal, Himalayan balsam	(VB)	:09	4	2	3	Himalayan balsam
seed dispersal, mistletoe bird	(NVB)	1:04	1	•	1	Mistletoe bird
seed dispersal, squirting cucumber	(VB)	:09	4	2	3	Squirting cucumber
seed dispersal, tree	(VB)	:10	4	2	3	Tree seed dispersal
seed dispersal, trewia	(NVB)	:48	4	2	3	Trewia seed dispersal
seed dispersal; berry ripening	(VB)	:10	4	2	3	Berry ripening; seed dispersal
seed dispersal; flinging cucumber	(VB)	:09	4	2	3	Flinging cucumber
seed, corn; germination	(VB)	:12	3	•	3	Corn seed germination
seed, pine	(VB)	:04	4	1	1	Pine seed
seed; cotyledon, embryo, seed coat labeled	(I/D)	Still	4	1	2	Seed; cotyledon, embryo, seed coat labeled
seedless vascular plants; holly fern sori	(P)	Still	4	1	1	Holly fern sori
seedless vascular plants; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
seedlings growing in hydroponic farm	(P)	Still	2	1	2	Seedlings growing in hydroponic farm
seedlings, bean; at different stages of development	(P)	Still	4	1	2	Bean seedlings at different stages of development
seedlings, bean; recently emerged	(P)	Still	4	1	2	Bean seedlings; recently emerged
seedlings, corn; at different stages of development	(P)	Still	4	1	2	Corn seedlings at different stages of development
seedlings, corn; phototropism	(VB)	:04	3	•	3	Phototropism in corn seedlings
seedlings, sunflower; exhibit phototropism	(VB)	:11	3	•	3	Sunflower seedlings exhibit phototropism
seedlings, sunflower; growing	(VB)	:12	2	2	2	Sunflower seedlings growing
seedlings, tomato; phototropism	(VB)	:07	3	•	3	Phototropism in tomato seedlings
seeds, corn; germinating	(VB)	:12	2	2	1	Two corn seeds germinating
seeds, dicot and monocot	(I/D)	Still	4	2	3	Dicot and monocot seeds
seeds, sunflower; germinating, growing in darkness	(VB)	:15	2	1	1	Sunflower seeds; germinating, growing in darkness
seeds, sunflower; germinating, growing in light	(VB)	:14	2	1	1	Sunflower seeds; germinating, growing in light
sensitive mimosa	(NVB)	:10	3	•	3	Sensitive mimosa
sepal			IG L4			
sepal and petal labeled; flower	(I/D)	Still	4	2	1	Flower; petal and sepal labeled
shade tree canopy	(P)	Still	1	•	3	Shade tree canopy
shoot			IG L2			
shoot meristem			IG L2			
shoot, shoot meristem and root labeled	(P)	Still	2	2	1	Root, shoot and shoot meristem labeled
single-cell algae	(NVB)	:50	4	2	4	Single-cell algae
sliced fruit	(P)	Still	4	1	1	Sliced fruit

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
sori, holly fern	(P)	Still	4	1	1	Holly fern sori
Spanish moss	(P)	Still	Visuals a la Carte			Spanish moss
spinach, cabbage, herbs, lettuce	(P)	Still	2	2	3	Edible leaves; lettuce, spinach, cabbage, herbs
spongy and palisade layers, upper and lower epidermis, xylem, phloem; leaf	(I/D)	Still	2	2	4	Vein, phloem, xylem, epidermis, palisade, spongy
spongy and palisade layers; leaf	(P)	Still	2	2	4	Leaf palisade and spongy layers
spores; holly fern sori	(P)	Still	4	1	1	Holly fern sori
squirting cucumber	(VB)	:09	4	2	3	Squirting cucumber
stamen			IG L4			
stamen hair cell, tradescantia; cytoplasmic streaming	(VB)	:24	2	1	5	Tradescantia stamen hair cell; cytoplasmic streaming
stamen, filament and anther label	(I/D)	Still	4	2	1	Flower; stamen, filament and anther labeled
stand of genetically identical aspen trees	(P)	Still	1	•	1	Stand of genetically identical aspen trees
star lilies opening	(VB)	:15	4	2	1	Star lilies opening
stem			IG L2			
stem cross section; zea; microscopic view	(P)	Still	4	1	3	Zea stem cross section; microscopic view
stem section, medicago; microscopic view	(P)	Still	4	1	3	Medicago stem section; microscopic view
stem section, medicago; vascular bundles in a ring	(P)	Still	4	1	2	Medicago stem section; vascular bundles in a ring
stem, leaf, roots labeled; plant	(I/D)	Still	2	2	1	Plant; roots, stem, leaf labeled
stem, medicago; cross section	(P)	Still	2	2	2	Medicago stem cross section
stem, negative gravitropism of	(VB)	:17	3	•	3	Negative gravitropism of stems
stems, edible; celery, asparagus & rhubarb	(P)	Still	2	2	2	Celery, asparagus and rhubarb
stigma			IG L4			
stigma, lily flower	(P)	Still	4	2	1	Lily flower stigma
stigma, style, pistil, ovary, ovule labeled	(I/D)	Still	4	2	1	Flower; pistil, ovary, ovule, style, stigma labeled
stoma			IG L2			
stoma, broad bean leaf; SEM 465x	(P)	Still	2	2	4	Broad bean leaf stoma; SEM 465x
stoma, closed; zebrina	(P)	Still	2	2	4	Zebrina; closed stoma
stoma, open; <i>Tradescantia zebrina</i>	(P)	Still	2	2	4	<i>Tradescantia zebrina</i> ; open stoma
stoma, open; zebrina; chloroplasts visible	(P)	Still	2	2	4	Zebrina; open stoma; chloroplasts visible
stomata, <i>Arabidopsis thaliana</i>	(P)	Still	2	2	5	<i>Arabidopsis thaliana</i> stomata
stomata, open; carbon dioxide enters leaf	(I/D)	Still	3	•	1	Carbon dioxide enters leaf through open stomata
stomata, oxygen molecules exit leaf	(I/D)	Still	3	•	1	Oxygen molecules exit leaf through stomata
stomata, see stoma						
structure, plant	(T)	Still	2	1	1	Plant structure
style			IG L4			
style, stigma, pistil, ovary, ovule labeled;	(I/D)	Still	4	2	1	Flower; pistil, ovary, ovule, style, stigma labeled
sucrose, converted from glucose during photosynthesis	(I/D)	Still	3	•	1	Glucose is converted to sucrose
sundew plant	(NVB)	:35	3	•	2	Sundew plant
sunflower seedlings exhibit phototropism	(VB)	:11	3	•	3	Sunflower seedlings exhibit phototropism
sunflower seedlings growing	(VB)	:12	2	2	2	Sunflower seedlings growing
sunflower seedlings; phototropism labeled	(P)	Still	3	•	3	Sunflower seedlings; phototropism labeled
sunflower seeds; germinating, growing in darkness	(VB)	:15	2	1	1	Sunflower seeds; germinating, growing in darkness
sunflower seeds; germinating, growing in light	(VB)	:14	2	1	1	Sunflower seeds; germinating, growing in light
sunflowers	(P)	Still	1	•	4	Sunflowers
sunflowers; tropism labeled	(P)	Still	3	•	3	Sunflowers facing same direction; tropism
sunflowers; Plant Kingdom classification	(I/D)	Still	4	1	1	Plant Kingdom classification chart

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
surface of a grass blade; SEM 120x	(P)	Still	2	2	5	Surface of a grass blade; SEM 120x
T						
TEM image 950xB; Plant parenchyma cell	(P)	Still	2	1	3	Plant parenchyma cell; TEM image 950xB
tomato seedlings; phototropism	(VB)	:07	3	•	3	Phototropism in tomato seedlings
tomatoes, cherry; growing hydroponically	(P)	Still	2	1	2	Cherry tomatoes growing hydroponically
topiary, plant; bushes carved to resemble hounds	(P)	Still	1	•	4	Plant topiary; bushes carved to resemble hounds
topiary, plant; swans carved out of hedges	(P)	Still	1	•	4	Plant topiary; swans carved out of hedges
tradescantia stamen hair cell; cytoplasmic streaming	(VB)	:24	2	1	5	Tradescantia stamen hair cell; cytoplasmic streaming
<i>Tradescantia zebrina</i> ; open stoma	(P)	Still	2	2	4	<i>Tradescantia zebrina</i> ; open stoma
transpiration	IG L2					
transpiration; oxygen molecules exit leaf through stomata	(I/D)	Still	3	•	1	Oxygen molecules exit leaf through stomata
tree	(P)	Still	2	2	2	Tree
tree canopy	(P)	Still	1	•	3	Shade tree canopy
tree rings; showing fire scars	(P)	Still	2	2	3	Tree rings showing fire scars
tree rings; tree struck by avalanche	(P)	Still	2	2	3	Annual rings sample; tree struck by avalanche
tree roots with fungal partners	(NVB)	1:05	2	2	1	Tree roots with fungal partners
tree seed dispersal	(VB)	:10	4	2	3	Tree seed dispersal
trees in forest	(P)	Still	3	•	2	Trees in forest
trees, aspen; genetically identical stand of	(P)	Still	1	•	1	Stand of genetically identical aspen trees
trewia seed dispersal	(NVB)	:48	4	2	3	Trewia seed dispersal
tropism	IG L3					
tropism, labeled; sunflowers facing same direction	(P)	Still	3	•	3	Sunflowers facing same direction; tropism labeled
tropisms; gravitropism, corn root	(VB)	:10	3	•	3	Corn root gravitropism
tropisms; gravitropism, negative	(VB)	:17	3	•	3	Negative gravitropism of stems
tropisms; mimosa leaf wilting	(VB)	:10	1	•	2	Mimosa leaf wilting
tropisms; phototropism in corn seedlings	(VB)	:04	3	•	3	Phototropism in corn seedlings
tropisms; phototropism, sunflower	(VB)	:11	3	•	3	Sunflower seedlings exhibit phototropism
tropisms; phototropism in tomato seedlings	(VB)	:07	3	•	3	Phototropism in tomato seedlings
tropisms; phototropism; corn plants growing toward light	(VB)	:08	2	1	1	Corn plants growing toward light
tropisms; phototropism; sunflower seeds; germinating, growing in dark	(VB)	:15	2	1	1	Sunflower seeds; germinating, growing in darkness
tropisms; phototropism; sunflower seeds; germinating, growing in light	(VB)	:15	2	1	1	Sunflower seeds; germinating, growing in darkness
tropisms; sensitive mimosa response	(NVB)	:10	3	•	3	Sensitive mimosa
twining, morning glory	(VB)	:20	1	•	2	Morning glory twining; time-lapse
typical leaf from a maple tree	(P)	Still	2	2	3	Typical leaf from a maple tree
V						
vascular bundle, epidermis, cortex, xylem, phloem; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem, phloem
vascular bundle, epidermis, cortex, xylem; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem
vascular bundle, epidermis, cortex; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle
vascular bundle; ranunculus root cross section	(P)	Still	2	2	2	Ranunculus root cross section; vascular bundle
vascular bundles in a ring; medicago stem section	(P)	Still	4	1	2	Medicago stem section; vascular bundles in a ring
vascular plant	IG L4					

Image Description	Image		Buffet			Event Title on DVD Menu
	Type	Length	Lesson	Part	Screen	
vascular plants with seeds; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
vascular plants, seedless; holly fern sori	(P)	Still	4	1	1	Holly fern sori
vegetables, root	(P)	Still	2	2	2	Various root vegetables
vein, phloem, xylem labeled; leaf cross section	(I/D)	Still	2	2	3	Leaf cross section; vein, phloem, xylem labeled
vein, phloem, xylem, epidermis, palisade, spongy layers labeled; leaf	(I/D)	Still	2	2	4	Vein, phloem, xylem, epidermis, palisade, spongy
vein, phloem, xylem, upper and lower epidermis	(I/D)	Still	2	2	4	Vein, phloem, xylem, upper and lower epidermis
vein, xylem, phloem labeled; leaf cross section	(I/D)	Still	2	2	3	Leaf cross section; vein, phloem, xylem labeled
veins, leaf	(P)	Still	2	2	3	Leaf veins
Venus's flytrap catching a beetle	(NVB)	:26	2	2	5	Venus's flytrap catching a beetle
vine, morning glory; twining	(VB)	:20	1	•	2	Morning glory twining; time-lapse
vine, rattan; climbing tree	(NVB)	:48	2	2	3	Rattan plants climbing tree
W						
water enters leaf through the xylem	(I/D)	Still	3	•	1	Water enters leaf through the xylem
water lily, Amazon	(NVB)	:45	3	•	2	Amazon water lily
What is a plant?	(T)	Still	1	•	2	What is a plant?
What's so great about plants?	(T)	Still	1	•	1	What's so great about plants?
wheat harvesting	(VB)	:10	1	•	2	Plants as food; wheat harvesting
whisk ferns; Plant Kingdom classification chart	(I/D)	Still	4	1	1	Plant Kingdom classification chart
wild mustard pollen germinating; SEM 405x	(P)	Still	4	2	2	Wild mustard pollen germinating; SEM 405x
wilting plant	(VB)	:17	2	1	1	Wilting plant
wind, pine pollination by	(NVB)	:19	4	2	2	Pine pollination by wind
wind, pollination by	(NVB)	:30	4	2	2	Pollination by wind
wilting, mimosa leaf	(VB)	:10	1	•	2	Mimosa leaf wilting
<i>Wolffia angusta</i> plants in the eye of a needle	(P)	Still	1	•	1	Four wolffia plants in the eye of a needle
worker filling growing buckets with perlite	(P)	Still	2	1	2	Worker filling growing buckets with perlite
X						
xylem			IG L2			
xylem, phloem, vascular bundle, epidermis, cortex; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem, phloem
xylem, upper / lower epidermis, palisade and spongy layers, phloem; leaf	(I/D)	Still	2	2	4	Vein, phloem, xylem, epidermis, palisade, spongy
xylem, vascular bundle, epidermis, cortex; root cross section	(I/D)	Still	2	2	2	Epidermis, cortex, vascular bundle, xylem
xylem, water enters leaf through	(I/D)	Still	3	•	1	Water enters leaf through the xylem
Z						
zea stem cross section; microscopic view	(P)	Still	4	1	3	Zea stem cross section; microscopic view
zebrina; closed stoma	(P)	Still	2	2	4	Zebrina; closed stoma
zebrina; open stoma; chloroplasts visible	(P)	Still	2	2	4	Zebrina; open stoma; chloroplasts visible