

Accession 2005:043

P 256 Ken Gray Photograph Collection, 1964-1979

Box 1

Correspondence, 1968-1977
Index to Film Rolls (6 folders)
List of Insects Featured in Images, 1973
Catalog of Insect Slides, 1979

Notebook Pages

“Man and Animals (13)” -

Cluster Fly
Horse Bot Fly
Throat Bot Fly
Sheep Ked
Muscid Fly
Horn Fly
Face Fly
Stable Fly
Northern Cattle Grub

Bot/Warble Fly
Deer Fly
Horse Fly
Bed Bug
Swallow Bug
Cat Flea
Flea

Ear Tick
Winter Tick
Rocky Mountain Wood Tick
Pacific Coast Tick
Brown Dog Tick
Tick
Chigger
Black Widow Spider
Scorpion
Shortnosed Cattle Louse
Hog Louse

Mouse Louse
Body/Human Louse

Crab Louse
Large Turkey Louse
Cattle Biting Louse
Yellowfever Mosquito
Mosquito
Northern House Mosquito

Mosquito

Box 2

“Legumes (2)”-

Vetch Bruchid/Weevil
Pea Weevil
Bruchid/Seed Beetle

Lesser Clover Leaf Beetle
Alfalfa Weevil

Clover Leaf Weevil
Clover Seed Weevil
Sweetclover Weevil
Clover Root Curculio
Pea Leaf Weevil
Weevil
Black Pollen Beetle
Clover Root Borer

“Finished Products and Household (12)”-

Deathwatch Beetle
Varied Carpet Beetle
Dermestid Beetle
Black Carpet Beetle
Powderpost Beetle
Southern Lyctus Beetle
Pacific Dampwood Termite

Western Subterranean Termite
Termite
Casemaking Clothes Moth
Giant Cockroach
German Cockroach

Wood Cockroach
Cockroach
Brownbanded Cockroach

American Cockroach
Oriental Cockroach
Field Cricket
House Cricket
Silverfish
Firebrat

“Nuts (7)”-

Walnut Blister Mite
Filbert Weevil
Walnut Husk Fly
MidribAphid
Walnut Aphid
Filbert Aphid
Filbertworm

“Predators (16)”-

Soldier Beetle
Ground Beetle

Tiger Beetle
Checkered Beetle
Hister Beetle
Firefly

Softwinged Flower Beetle
Twospotted Collops
Oedemerid Beetle
Fire-colored Beetle
Rove Beetle
Green Trogositid
Minute Pirate Bug
Western Bigeyed Bug
Bigeyed Bug

Predaceous Plant Bug
Western Damsel Bug
Damsel Bug
Stink Bug

Ambush Bug
Masked Hunter
Assassin Bug
Spined Assassin Bug
Soldier Bug

Box 3

Twospotted Lady Beetle
Lady Beetle (various types)

Sinuate Lady Beetle
Ashy Gray Lady Beetle
Spider Mite Destroyer
Ladybug

Robber Fly
Dance Fly
Window Fly
Flower Fly

Xylomyid Fly
Solitary Wasp
Spider Wasp
Tread-waisted Wasp
Cicada Killer
Golden Digger Wasp
Sand Wasp
Square-Headed Wasp
Aphid Wasp
Wasp

California Green Lacewing
Green Lacewing
Brown Lacewing
Dustywing

Antlion
Snakefly

Anystid Mite
Trombidiid Mite
Black and Yellow Garden Spider
Banded Garden Spider
Garden Spider
Sheetweb Spider
Tarantula
Flower Spider
Pseudoscorpion

Centipede

Entomophagous Fungus
Entomophagous Nematodes
Venus' Flytrap
Alfalfa Weevil (from field treated with insecticides)
Imported Cabbageworm (from field treated with insecticides)

“Scavengers and Miscellaneous (18)”

Mite
Wireworm
Water Scavenger Beetle
Stag Beetle
Dung Beetle
Rhinoceros Beetle
Scarab
Red and Black Burying Beetle

Carrion Beetle
Garden Carrion Beetle
Darkling Beetle
Springtail

Millipede
Flat Bug
Ants
Jumping Bristletail
Nematodes
Roundworms
Dung Fly

March Fly
Midge
Gall Midge
Fly
Vinegar Fly

Lonchaeid Fly
Otitid Fly
Humpbacked Fly
Moth Fly

Flesh Fly
Darkwinged Fungus Gnat
Small Dung Fly
Soldier Fly
Crane Fly
Parasite

Box 4

“Aquatic and Semi-Aquatic Insects (17)”

Predaceous Diving Beetle
Variegated Mud-Loving Beetle
Water Scavenger Beetle
Giant Water Scavenger Beetle
Midge
Mayfly

Water Strider
Backswimmer
Shore Bug
Fishfly
Alderfly
Dragonfly
Damselfly
Stonefly
Caddisfly

“Stored Products (4)”

Grain Mite
Psocid
Cigarette Beetle
Drugstore Beetle
Lesser Grain Borer

Bean Weevil
Cowpea Weevil

Philippine Bean Weevil
Foreign Grain Beetle
Rusty Grain Beetle
Flat Grain Beetle
Merchant Grain Beetle
Sawtoothed Grain Beetle
Granary Weevil
Rice Weevil
Dermestid Beetle

Common Carrion Dermestid
Hide and Tallow Dermestid
Dermestid Beetle

Dusky Sap Beetle

Sap Beetle
Brow Spider Beetle
Whitemarked Spider Beetle
Spider Beetle

Mealworm
Lesser Mealworm
Larger Black Flour Beetle
Smalleyed Flour Beetle
Depressed Flour Beetle
Yellow Mealworm

Dark Mealworm
Red Flour Beetle
Black Flour Beetle
Cadelle

“Grasses (3)”

Winter grain mite
Mite
Billbug
Leafminer fly

Hessian Fly
Wheat Stem Maggot
European Crane Fly

Western Cinch Bug
Chinch Bug
Grass Bug
Pacific Grass Bug
Black Grass Bug
Plant Bug
Grass Bug
English Grain Aphid
Apple Grain Aphid

Box 5

Greenbug
Leafhopper
Widefooted Treehopper
Wheat Stem Sawfly
Sawfly

Sawfly

Jointworm
Harvester Ant

Harvester Ant
Grass Thrips
Thrips

“Small Fruits (5)”

Webspinning Sawfly

Imported Currantworm
Sawfly
Strawberry Leafroller

Cranberry Girdler
Raspberry Crown Borer
Strawberry Crown Moth

Currant Borer
Western Raspberry Fruitworm
Leaf Beetle

Weevil
Strawberry Root Weevil
Rough Strawberry Root Weevil
Crusted Root Weevil = Small Black Root Weevil
Currant Fruit Fly

Stink Bug
Strawberry Aphid
Currant Aphid
Tree Cricket

Western Blackhorned Tree Cricket
Tree Cricket

“Weeds and Forbs (11)”

Ranchman’s Tiger Moth
Cinnabar Moth
Cosmopterygid Moth (leafminer)

Monarch Butterfly
Leafminer (on hedge bindweed)
Lyonetid Moth

Western Lady Butterfly

Painted Lady Butterfly
Lady Butterfly

Red Admiral
Oecopherid Moth
Oregon Swallowtail
Western Parsley Caterpillar
Longhorned Beetle

Box 6

Longhorned Beetle
Milkweed Borer
Blue Milkweed Beetle
Klamathweed Beetle
Mottled Tortoise Beetle

Green Dock Beetle
Tansy Ragwort Flea Beetle
Golden Tortoise Beetle

Leaf Beetle
Elongate Flea Beetle
Flea Beetle
Leaf Beetle
Weevil

Mediterranean Sage Weevil
Gall Fly
“Fruit” Fly

“Tree Fruits (6)”

Pear Rust Mite
European Red Mite
Flatheaded Prune Tree Borer
Fruit Tree Leaf Beetle = Western Fruit Beetle
Rain Beetle

Shothole Borer
Western Cherry Fruit Fly

Apple Aphid
Rosy Apple Aphid
Woolly Apple Aphid
Woolly Pear Aphid

Black Cherry Aphid
Cicada
Oystershell Scale

White Peach Scale
Pear Psylla

Pearslug

Peach Tree Borer
Lesser Bud Moth

Geometrid Moth
Spring Cankerworm
Apple-and-thorn Skeletonizer
Leafminer

Oriental Fruit Moth

Box 7

Codling Moth

Eyespotted Bud Moth
Peachtree Borer
Fruit Tree Leafroller
Leafroller

“Vegetables (1)”

Onion Maggot
Cabbage Maggot

Beet Leafminer
Leafminer (fly)

Sugarbeet Root Maggot
Carrot Rust Fly
Onion Bulb Fly
Flower Fly

Lery Looper
Zebra Caterpillar

Corn Earworm

Western Bean Cutworm

Cutworm
Cabbage Looper

Imported Cabbage Worm

Western Striped Cucumber Beetle
Asparagus Beetle
Spotted Asparagus Beetle
Western Spotted Cucumber Beetle

Western Corn Rootworm
Tobacco Flea Beetle
Western Potato Flea Beetle

Tuber Flea Beetle
Colorado Potato Beetle

Leaf Beetle
Mint Flea Beetle
Leaf Beetle
Colorado Cabbage Flea Beetle
Cabbage Flea Beetle
Sunflower Beetle
Mexican Bean Beetle

Box 8

Cabbage Seedpod Weevil
Cabbage Curculio
Radish Weevil
Sugarbeet Petiole Borer

Vegetable Weevil
Sugarbeet Wireworm
Pacific Coast Wireworm

Wireworm
Carrot Beetle
Squash Bug
Cabbage Aphid
Yellow Willow Aphid
Corn Leaf Aphid

Brown Ambrosia Aphid
Beet Leafhopper
Potato Leafhopper

Onion Thrips

“General Feeders (11)”

Weevil

Gray Weevil

Clay-colored Weevil

Black Vine Weevil

Ash Gray Weevil

Obscure Root Weevil

Ashgray Blister Beetle

Blister Beetle

Punctured Blister Beetle

Green Blister Beetle

Blister Beetle

Black Meloe

Blister Beetle

Tumbling Flower Beetle

Coast-lined June Beetle

Tenlined June Beetle

June Beetle

Cutworm

Moth

Black Cutworm

Spotted Cutworm

A “Green Fruitworm”

Looper

Catocala Moth

Underwing Moth

Cutworm or Looper

Olive Green Cutworm

Cutworm

Darksided Cutworm

Redbacked Cutworm

Cutworm

Cutworm (beet thinner)

Bertha Armyworm

Cutworm

Variegated Cutworm

Grasshopper

Slantfaced Grasshopper
Grasshopper
Elliott's Grasshopper (or Bigheaded Grasshopper)
Clearwinged Grasshopper
Grasshopper
Carolina Grasshopper

Grasshopper
Twostriped Grasshopper
Devastating Grasshopper
Redlegged Grasshopper

Packard Grasshopper
Migratory Grasshopper
Grasshopper
Slantfaced Grasshopper
Grasshopper
Green Bird Locust
Grasshopper
Desert Grasshopper
Grasshopper

Box 9

Broadheaded Bug
Mitic Stilt Bug
Stilt Bug
Coreid Bug
Lygaeid Bug
Small Milkweed Bug
Chinch Bug
Lygaeid Bug

Lygus Bug
Stink Bug

Say Stink Bug
Stink Bug
Conspere Stink Bug
Onespot Stink Bug
Plant Bug
Stink Bug

Bordered Plant Bug
Rhopalid Bug
Plant Bug

Shield Bug

Pillbug

Brown Garden Snail

Snail

Timber Slug

European Black Slug

Arionid Slug

Slug

Gray Garden Slug

Spotted Garden Slug

Slug (with external shell)

Garden Symphylan

Symphylan

Thrips

Tiger Moth

Yellow Wollybear

Banded Wollybear

Woodland Skipper

Bagworm

Plume Moth

Orange Tortrix

Obliquebanded Leafroller

Omnivorous Leaf-tier

Camel Cricket

Cricket

Ground Cricket

Jerusalem Cricket

Pygmy Grasshopper

Shieldbacked Grasshopper

Mormon Cricket

Notable Shield Bearer Cricket

Shieldbacked Grasshopper

Meadow Grasshopper

Cutworm

Forktailed Bush Katydid

Cutworm

Beet armyworm

Western Yellowstriped Armyworm

Box 10

Foxglove Aphid

Cowpea Aphid

Bean Aphid

Bean or Snowball Aphid

Dogwood or Sunflower Aphid

Leaf Curl Plum Aphid

Potato Aphid

Green Peach Aphid

Oat Bird-Cherry Aphid

Meadow Spittlebug

Mountain Leafhopper

Cixiid Planthopper

Thistle Aphid

Sowthistle Aphid

Leafhopper

Cicada

Delphacid Planthopper

Dictyopharis Planthopper

Modest Treehopper

“Broadleaved Trees and Shrubs (8)”

Pit Scale

European Fruit Lecanium (scale)

Soft Scale

Cottony Camellia Scale

Cottony Maple Scale

Cottony Scale

Hemispherical Scale

Black Scale

Scales

Holly Bud Moth

Twotailed Tiger Swallowtail

Western Swallowtail

Snapdragon Plume Moth

Pyralid Moth

Polyphemus Moth

Brown Day Moth

Sphinx Moth or Saturnid Moth
Whiteline Sphinx Moth

Sphinx Moth

Filbert Leafroller

Spotted Tussock Moth
Fall Webworm
Hooktip Moth

Cotoneaster Webworm
Rhododendron Bud Moth

Box 11

Fall Cankerworm
Looper (Geometrid Moth)
Spring Cankerworm
Lilac Leafminer

Azalea Leafminer

Silverspotted Skipper
Skipper
Moth
Western Tent Caterpillar
Forest Tent Caterpillar

Great Basin Tent Caterpillar
Tent Caterpillar

Tent Caterpillar
Coast Tent Caterpillar
Satin Moth

Sawfly
Bristly Roselug
Roselug
Birch Leafminer
Willow Leafgall Sawfly

Willow Leafgall Sawfly
Gall Wasp
Mossyrose Gall Wasp
Rosy Moss Gall

Jumping Oak Gall Wasp

Whitefly

Gall-Making Aphid

Acarid Mite

Maple Bladdergall Mite

Branch and Twig Borer

Leadcable Borer

Bronze Birch Borer

Metallic Wood Borer

Pacific Flatheaded Borer

Longhorned Beetle

Redheaded Ash Borer

Longhorned Beetle

California Prionus

Banded Alder Borer

Longhorned Beetle

Nautical Borer

Flea Beetle

Rose Flea Beetle

Leaf Beetle

Cottonwood Leaf Beetle

Leaf Beetle

Flea Beetle

Pacific Willow Leaf Beetle

Elm Leaf Beetle

Willow Leaf Beetle

Leaf Beetle

Hollyhock Weevil

Poplar-and-Willow Borer

Weevil

Lilac Weevil

Weevil

Rose Curculio

Weevil

Pinhole Borer

Oregon Ash Bark Beetle

Smaller European Elm Bark Beetle

Holly Leafminer

Box 12

Gall Midge
Lesser Bulb Fly
Narcissus Bulb Fly
Bulb Fly
Ash Plant Bug

Pacific Ash Plant Bug
Lace Bug
Rhododendron Lace Bug

Alder Spittlebug
Leafhopper
Rose Leafhopper

Leafhopper

Willow Leafhopper
Aster Leafhopper
Leafhopper
Cicada
Treehopper
Buffalo Treehopper

Treehopper
Psyllid
Boxwood Psyllid
Sycamore Aphid

Sycamore Aphid
Wooly Elm Aphid

Aphid
Birch Aphid
Aphid
Barberry Aphid
California Willow Aphid

Aphid
Norway Maple Aphid

Hop Aphid
Manzanita Leafgll Aphid
Aphid

Black Citrus Aphid
Aphid

“Pollinators (14)”

Flower Fly

The Bird Syrphid
Flower Fly
Slender Flower Fly
Flower Fly

Digger Bee
Sunflower Bee (Digger Bee)
Digger Bee
Honey Bee
Bumble Bee

Bumble Bee
Nevada Bumble Bee
Western Bumble Bee

Bumble Bee
Yellowfaced Bumble Bee
Bumble Bee
False Bumble Bee
Bumble Bee
Green Sweat Bee
Halictid Bee
Alkali Bee
Alfalfa Leafcutting Bee
Leafcutting Bee

Box 13

“Parasitoids (15)”

Aulacid
Cuckoo Wasp
Eulophid
Leucospidid

Pteromalid
Torymid
Chalcid
Parasite

Scelionid Parasite

Sapygid Wasp
Velvet Ant
Parasite
Wasp (parasitic?)
Braconid
Aphidiid

Aphidiid
Braconid

Braconid
Ichneumon

Bee fly
Tachina fly

Tachina Fly

“Coniferous Trees and Shrubs (9)”

Silverspotted Tiger Moth
Juniper Webworm
Looper

Douglas Fir Tussock Moth
Cypress Webber Moth

European Pine Shoot Moth
Pine Butterfly
Pine Cone Moth

Sequoia Pitch Moth
Cypress Tip Moth
Pine Needle Sheathminer

Spruce Spider Mite
Metallic Wood Borer
Golden Buprestid
Flathead Fir Borer
Flathead Borer
Western Cedar Borer
Longhorned Beetle

Box 14

Longhorned Beetle
Yellow Douglas Fir Borer

Pine Sawyer
Longhorned Beetle
Oregon Fir Sawyer
Harris' Pine Borer

Douglas Fir Twig Weevil
Scarab
Bark Beetle
Conifer Sawfly
Blue Horntail
Polished Horntail
Incense Cedar Wood Wasp
Leaf-Footed Bug

Spruce Bud Scale
Scale
Juniper Scale
Pine Needle Scale
Armored Scale

Cooley Spruce Gall Aphid

Cooley Spruce Gall Aphid
Chermid

Untitled Notebooks-various insects

Rose Aphid
Various Aphids (4 folders)
Various Moths (3 folders)
Clover Seed Midge
Casebearer
Spittlebugs
Butterflies
Mealy Bugs
Mites

Box 15

Seed Chalcids
Various Caterpillars
Various Scales
Leaf tiers
Leafminers
Leafrollers

Carnation Tortix

Leafroller
Psocid
Thrip

Yellow Mealworm
Strawberry Root Weevil
Filbert Leafroller
Naval Orangeworm
Apple Grain Aphid
Needleminer
Alfalfa Looper

Pyralid
Filbertworm
Monterey Pine Midge
Gouty Pitch Midge

Cut Worm
Beet Webworm
Mint Root Borer

False Celery Leaf-tier
Webworm
Tomato Hornworm

Glossy Cutworm
Cutworm
Sod Webworm
Apple and Thorn Skeletonizer

Unidentified (2 folders)

Box 16

Negatives, #14-G70

Box 17

Negatives, #G71-G341

Prints, #14-91

Box 18

Prints, #92-G313

Box 19

Prints, #G313-G341