



Smithsonian Institution Archives

Curatorial Records, 1970s-1980s

Finding aid prepared by Smithsonian Institution Archives

Smithsonian Institution Archives
Washington, D.C.
Contact us at osiaref@si.edu

Table of Contents

Collection Overview	1
Administrative Information	1
Descriptive Entry.....	1
Names and Subjects	1
Container Listing	3

Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Curatorial Records
Identifier:	Accession 13-147
Date:	1970s-1980s
Extent:	5 cu. ft. (5 record storage boxes)
Creator::	National Museum of Natural History. Division of Birds
Language:	English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Accession 13-147, National Museum of Natural History.
Division of Birds, Curatorial Records

Descriptive Entry

This accession consists of approximately 3000 Scanning Electron Microscope (SEM) images of bird feathers created by Roxie C. Laybourne, a pioneering forensic scientist at the Smithsonian Institution. Her expertise in identifying bird feathers helped government agencies and jet engine manufacturers take measures to keep birds away from aircraft. All of these images have been digitized in the Division of Birds. Materials include negatives, photographs, slides, and notes.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Feathers
- Forensic science
- Ornithologists
- Ornithology
- Scanning electron microscopes

Types of Materials:

- Black-and-white negatives
- Black-and-white photographs
- Color transparencies

Manuscripts

Names:

Laybourne, Roxie C., 1910-2003

Container Listing

Box 1

Container 1 - Negatives

Box 1 of 5	Ruby-Throated Hummingbird
Box 1 of 5	Brambling
Box 1 of 5	Crested Lark
Box 1 of 5	Hooded Crow
Box 1 of 5	Crow
Box 1 of 5	Rook
Box 1 of 5	Swift
Box 1 of 5	Black Swift
Box 1 of 5	Chimney Swift
Box 1 of 5	White Wagtail
Box 1 of 5	Water Pipit
Box 1 of 5	Wood Pigeon
Box 1 of 5	Mourning Dove
Box 1 of 5	Gyr Falcon
Box 1 of 5	Jackdaw
Box 1 of 5	Rock Dove
Box 1 of 5	Black Hawk
Box 1 of 5	American Kestrel
Box 1 of 5	Double-Crested Cormorant
Box 1 of 5	Peregrine Falcon
Box 1 of 5	Mute Swan
Box 1 of 5	Whooper Swan

Box 1 of 5	Brant
Box 1 of 5	Canada Goose
Box 1 of 5	White-Fronted Goose
Box 1 of 5	Greylag Goose
Box 1 of 5	Golden Eagle
Box 1 of 5	Bald Eagle
Box 1 of 5	Mallard
Box 1 of 5	White-Tailed Eagle or Sea Eagle
	Container 2 - Negatives
Box 1 of 5	Tawny Eagle
Box 1 of 5	African Fish Eagle
Box 1 of 5	Wedge-Tailed Eagle
Box 1 of 5	Gray-Headed Fish Eagle
Box 1 of 5	Black Eagle
Box 1 of 5	Bonelli's Eagle
Box 1 of 5	Whistling Swan
Box 1 of 5	Trumpeter Swan
Box 1 of 5	Pied-Billed Grebe
Box 1 of 5	Northern Oriole
Box 1 of 5	Red Crossbill
Box 1 of 5	White-Winged Crossbill
Box 1 of 5	Parrot Crossbill
Box 1 of 5	Scarlet Finch
	Container 3 - Negatives
Box 1 of 5	Brahminy Kite
Box 1 of 5	Fishing Buzzard

Box 1 of 5	Short-Toed Eagle
Box 1 of 5	Black Kite
Box 1 of 5	Red-Tailed Hawk
Box 1 of 5	Plumbeous Kite
Box 1 of 5	Mississippi Kite
Box 1 of 5	Red Junglefowl
	Container 4 - Negatives
Box 1 of 5	Great Spotted Kiwi
Box 1 of 5	Common Emu
Box 1 of 5	Bennett's Cassowary
Box 1 of 5	Single-Wattled Cassowary
Box 1 of 5	Common Rhea
Box 1 of 5	Ostrich
	Box 2
	Container 5 - Negatives
Box 2 of 5	Darwin's Rhea
Box 2 of 5	Moa
Box 2 of 5	Black Tinamou
Box 2 of 5	Elegant Tinamou
	Container 6 - Negatives
Box 2 of 5	Laughing Gull
Box 2 of 5	Black-Tailed Gull
Box 2 of 5	Mew Gull
Box 2 of 5	Ring-Billed Gull
	Container 7 - Negatives

Box 2 of 5	Great Black-Backed Gull
Box 2 of 5	Kelp Gull
Box 2 of 5	Herring Gull
Box 2 of 5	Lesser Black-Backed Gull
Box 2 of 5	Brown-Hooded Gull
Box 2 of 5	Black-Headed Gull

Box 3

	Container 8 - Negatives
Box 3 of 5	Little Blue Heron
Box 3 of 5	Green Heron
Box 3 of 5	American Coot
Box 3 of 5	Sunbittern
	Container 1 - Polaroids
Box 3 of 5	Turkey Vulture
Box 3 of 5	Plumbeous Kite
Box 3 of 5	Mississippi Kite
Box 3 of 5	Black Kite
Box 3 of 5	Brahminy Kite
Box 3 of 5	African Fish Eagle
Box 3 of 5	White-Tailed Eagle or Sea Eagle
Box 3 of 5	Bald Eagle
Box 3 of 5	Gray-Headed Fish Eagle
Box 3 of 5	Short-Toed Eagle
Box 3 of 5	Marsh Hawk
Box 3 of 5	Black Hawk
Box 3 of 5	Fishing Buzzard

Box 3 of 5	Red-Tailed Hawk
Box 3 of 5	Black Eagle
Box 3 of 5	Tawny Eagle
Box 3 of 5	Golden Eagle
Box 3 of 5	Wedge-Tailed Eagle
Box 3 of 5	Miscellaneous
	Container 2 - Polaroids
Box 3 of 5	Bonelli's Eagle
Box 3 of 5	American Kestrel
Box 3 of 5	Gyr Falcon
Box 3 of 5	Peregrine Falcon
Box 3 of 5	Sunbittern
Box 3 of 5	American Coot
Box 3 of 5	Miscellaneous
	Box 4
	Container 3 - Polaroids
Box 4 of 5	Mute Swan
Box 4 of 5	Trumpeter Swan
Box 4 of 5	Whooper Swan
Box 4 of 5	Whistling Swan
Box 4 of 5	White-Fronted Goose
Box 4 of 5	Greylag Goose
Box 4 of 5	Canada Goose
Box 4 of 5	Brant
Box 4 of 5	Mallard

Box 4 of 5	Red Junglefowl
Box 4 of 5	Chicken
Box 4 of 5	Wild Turkey
Box 4 of 5	Laughing Gull
Box 4 of 5	Black-Tailed Gull
Box 4 of 5	Mew Gull
Box 4 of 5	Ring-Billed Gull
Box 4 of 5	Great Black-Backed Gull
Box 4 of 5	Kelp Gull
Box 4 of 5	Herring Gull
Box 4 of 5	Miscellaneous
	Container 3B - Polaroids
Box 4 of 5	Lesser Black-Backed Gull
Box 4 of 5	Brown-Hooded Gull
Box 4 of 5	Black-Headed Gull
Box 4 of 5	Miscellaneous
	Container 4 - Polaroids
Box 4 of 5	Rock Dove
Box 4 of 5	Stock Dove
Box 4 of 5	Wood Pigeon
Box 4 of 5	Mourning Dove
Box 4 of 5	Ruby-Throated Hummingbird
Box 4 of 5	Black Swift
Box 4 of 5	Chimney Swift
Box 4 of 5	Alpine Swift
Box 4 of 5	Swift

Box 4 of 5	Crested Lark
Box 4 of 5	Skylark
Box 4 of 5	Horned Lark
Box 4 of 5	White Wagtail
Box 4 of 5	Water Pipit
Box 4 of 5	Jackdaw
Box 4 of 5	Rook
Box 4 of 5	Crow
Box 4 of 5	Hooded Crow
Box 4 of 5	Starling
Box 4 of 5	Northern Oriole
Box 4 of 5	Common Grackle
Box 4 of 5	Brambling
Box 4 of 5	Scarlet Finch
Box 4 of 5	Parrot Crossbill
Box 4 of 5	Red Crossbill
Box 4 of 5	White-Winged Crossbill
Box 4 of 5	Cardinal
Box 4 of 5	Snow Bunting
Box 4 of 5	House Sparrow
Box 4 of 5	Pigeon

Box 5

	Container 5 - Polaroids
Box 5 of 5	Hispaniolan Trogon
Box 5 of 5	White-Mantled Barbet
Box 5 of 5	Antillean Piculet

Box 5 of 5	Rufous Piculet
Box 5 of 5	White-Barred Piculet
Box 5 of 5	Speckler Piculet
Box 5 of 5	Chestnut Piculet
Box 5 of 5	Hispaniolan Woodpecker
Box 5 of 5	Miscellaneous
	Container 6 - Polaroids
Box 5 of 5	Pied-Billed Grebe
Box 5 of 5	Double-Crested Cormorant
Box 5 of 5	Black Tinamou
Box 5 of 5	Elegant Tinamou
Box 5 of 5	Great Spotted Kiwi
Box 5 of 5	Bennett's Cassowary
Box 5 of 5	Single-Wattled Cassowary
Box 5 of 5	Common Emu
Box 5 of 5	Common Rhea
Box 5 of 5	Darwin's Rhea
Box 5 of 5	Ostrich
Box 5 of 5	Dinoris
Box 5 of 5	Moa
Box 5 of 5	Little Blue Heron
Box 5 of 5	Green Heron