



Smithsonian Institution Archives

Clinical Laboratory Comparison
Sheets, circa 1971-1985

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Table of Contents

Collection Overview	1
Administrative Information	1
Descriptive Entry.....	1
Names and Subjects	1
Container Listing	2

Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Clinical Laboratory Comparison Sheets
Identifier:	Accession 05-280
Date:	circa 1971-1985
Extent:	4 cu. ft. (4 record storage boxes)
Creator::	National Zoological Park. Department of Pathology
Language:	English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Accession 05-280, National Zoological Park. Department of Pathology, Clinical Laboratory Comparison Sheets

Descriptive Entry

This accession consists of raw data organized to facilitate the comparison of blood samples taken from a wide variety of animals.

Names and Subject Terms

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

Subjects:

Veterinary hematology
Zoo animals

Types of Materials:

Manuscripts

Container Listing

Box 1

Antilocapridae

Box 1 of 4 Pronghorn Antelope (*Antilocapra Americana*)

Bovidae

Box 1 of 4 Bison (*Bison bison*)

Box 1 of 4 Blesbok (*Damaliscus albifrons*)

Box 1 of 4 Cape Buffalo

Box 1 of 4 Dama Gazelle (*Gazella dama*)

Box 1 of 4 Dik Dik (*Madoqua phillipsi*)

Box 1 of 4 Dorcas Gazelle (*Gazella dorcas*)

Box 1 of 4 Yellow-Backed Duiker (*Cephalophus silvicultor*)

Box 1 of 4 Dwarf Goat/African Pigmy Goat

Box 1 of 4 Gnu/Wildebeest (*Connochaetes sp.*)

Box 1 of 4 Greater Kudu (*Tragelaphus strepsiceros*)

Box 1 of 4 Markhors (*Capre falconeri*)

Box 1 of 4 Scimitar/Horned Oryx (*Oryx sp.*)

Box 1 of 4 Sable Antelope (*Hippotragus niger*)

Box 1 of 4 Wisent (*Bison bonasus*)

Box 1 of 4 Wildebeest (*Connochaetes taurinus*)

Camelidae

Box 1 of 4 Bactrian Camel (*Camelus bactrianus*)

Box 1 of 4 Guanaco (*Llama guanacoe*)

Box 1 of 4 Llama (*Llama sp.*)

Cervidae

- Box 1 of 4 North America Elk or Wapiti (*Cervus Elephus*)
- Box 1 of 4 Axis Deer (*Axis sp.*)
- Box 1 of 4 Muntjac (*Muntiacus reevesi*)
- Box 1 of 4 Pere David Deer (*Elaphurus davidianus*)
- Box 1 of 4 Elds Deer (*Cervus eldi*)
- Box 1 of 4 Reindeer (*Rangifer tarandus*)
- Box 1 of 4 Sitatunga (*Tragelaphus spekii*)
- Box 1 of 4 White-tail Deer/Black Buck

Giraffidae

- Box 1 of 4 Giraffe (*Giraffa camelopardalis*)

Hippopotamidae

- Box 1 of 4 Pigmy Hippo (*Choeropsis liberiensis*)

CanidaeM

- Box 1 of 4 Bush Dog
- Box 1 of 4 African Cape Hunting Dog (*Lycoon pictus*)
- Box 1 of 4 Crabeating Fox
- Box 1 of 4 Coyote (*Canus latrans*)
- Box 1 of 4 Dingo (*Canus dingo*)
- Box 1 of 4 Fennec Fox (*Fennecus zerda*)
- Box 1 of 4 Gray Fox (*Urocyon sp.*)
- Box 1 of 4 Gray Wolf (*Canis lupis*)
- Box 1 of 4 Kit Fox (*Vulpes macrotis nevadensis*)
- Box 1 of 4 Maned Wolf (*Chrysocyon brachvurus*)
- Box 1 of 4 Raccoon Dog (*Nyctereutes procyonoides*)
- Box 1 of 4 Red Fox (*Vulpes vulpes*)

Box 1 of 4	Timber Wolf (<i>Canis sp.</i>)
Box 1 of 4	Small (Round) Eared Dog (<i>Atelocynus microtis</i>)
	Felidae
Box 1 of 4	Tiger (<i>Panthera tigris</i>)
Box 1 of 4	African Wildcat (<i>Felis silvestris</i>)
Box 1 of 4	Caracal Lynx (<i>Nelis caracal</i>)
Box 1 of 4	Bobcat (<i>Felis Rufa</i>)
Box 1 of 4	Cheetah (<i>Acinonyx jubatus</i>)
Box 1 of 4	Clouded Leopard (<i>Neofelis nebulosa</i>)
Box 1 of 4	Geoffrey's Cat (<i>Felis geoffreyi</i>)
Box 1 of 4	Golden Cat (<i>Felis sp.</i>)
Box 1 of 4	Jaguar (<i>Panthera onca</i>)
Box 1 of 4	Jungle Cat (<i>Relus chaus</i>)
Box 1 of 4	Black Leopard/Panther/Spotted Leopard (<i>Panthera pardus</i>)
Box 1 of 4	Leopard Cat (<i>Felis bengalensis</i>)
Box 1 of 4	Lions (Largo and Research)
Box 1 of 4	Lion (<i>Panthera leo</i>)
Box 1 of 4	Margay Cat (<i>Felis wiedi</i>)
Box 1 of 4	Pampas Cat (<i>Felis colocolo</i>)
Box 1 of 4	Pallas Cat (<i>Felis manul</i>)
Box 1 of 4	Puma (<i>Felis concolor</i>)
Box 1 of 4	Serval (<i>Felis serval</i>)
	Box 2
	Hyaenidae
Box 2 of 4	Hyena (<i>Crocuta crocuta</i>)

Mustelidae

Box 2 of 4	Badger
Box 2 of 4	Ferrets
Box 2 of 4	Fisher (<i>Martes Pennanti</i>)
Box 2 of 4	Grison (<i>Galictis vittata</i>)
Box 2 of 4	North American Otter (<i>Lutra canadensis</i>)
Box 2 of 4	Zorilla (<i>Ictonyx striatus</i>)
Box 2 of 4	Ratel (<i>Mellivora capensis</i>)
Box 2 of 4	Skunk
Box 2 of 4	Tayra (<i>Eira Barbara</i>)

Prycyonidae

Box 2 of 4	Giant Panda
Box 2 of 4	Red Panda/Lesser Panda (<i>Ailurus fulgens</i>)
Box 2 of 4	Kinkajou (<i>Potos flavus</i>)
Box 2 of 4	Olingo (<i>Bassaricyon sp.</i>)
Box 2 of 4	Raccoon (<i>Prycyon sp.</i>)

Ursidae

Box 2 of 4	American Black Bear (<i>Ursus americanus</i>)
Box 2 of 4	European Brown Bear (<i>Ursus sp.</i>)
Box 2 of 4	Kodiak Bear
Box 2 of 4	Polar Bear (<i>Thalarctos maritimus</i>)
Box 2 of 4	Sloth Bear (<i>Melarsus ursinus</i>)
Box 2 of 4	Spectacled Bear (<i>Tremarctos ornatus</i>)
Box 2 of 4	Sun Bear (<i>Helarctos malavanus</i>)
Box 2 of 4	Hybrid Bear

	Viverridae
Box 2 of 4	Binturong (<i>Arctictis binturong</i>)
Box 2 of 4	Fanoloka (<i>Fossa fossa</i>)
Box 2 of 4	Genet (<i>Genetta</i> sp.)
Box 2 of 4	Linsang (<i>Prionodon</i> sp.)
Box 2 of 4	Meerkat (<i>Suricata suricatta</i>)
Box 2 of 4	Civets
Box 2 of 4	Mongoose
Box 2 of 4	Palm Civet (<i>Parguma lavata</i>)
	Phyllostomatidae
Box 2 of 4	Bat
	Edentata
Box 2 of 4	Two Toed Sloth (<i>Cholaepus</i> sp.)
Box 2 of 4	Three Toed Sloth (<i>Bradypus</i> sp.)
	Insectivora
Box 2 of 4	Elephant Shrew (<i>Elephantulus</i> sp.)
	Dasypodidae
Box 2 of 4	Hairy Armadillo (<i>Chaetophractus villosus</i>)
	Myrmecophagidae
Box 2 of 4	Giant Anteater (<i>Myrmecophaga tridactyla</i>)
	Dasyuridae
Box 2 of 4	Tasmanian Devil (<i>Sarcophilus harrisi</i>)
	Dedelphidae
Box 2 of 4	Common Opossum (<i>Didelphis marsupialis</i>)
	Macropodidae

Box 2 of 4	Brush-tailed Rat Kangaroo (<i>Bettongia penicillata</i>)
Box 2 of 4	Black Tree Kangaroo (<i>Dendrolagus</i> sp.)
Box 2 of 4	Red Kangaroo (<i>Macropus rufus</i>)
Box 2 of 4	White Throated Wallaby (<i>Protemnodon parma</i>)
	Phalangeridae
Box 2 of 4	Phalangers/Possums (Australiam Marsupials)
Box 2 of 4	Sugar Glider (<i>Petaurus</i> sp.)
	Phascolomyidae
Box 2 of 4	Common Wombat (<i>Vombatus ursinus</i>)
Box 2 of 4	Equidae
Box 2 of 4	Onager (<i>Equus homionus onager</i>)
Box 2 of 4	Zebra (<i>Equus burchelli</i>)
	Rhinocerotidae
Box 2 of 4	Black Rhinoceros (<i>Diceros bicornis</i>)
Box 2 of 4	Indian Rhinoceros (<i>Rhinoceros unicornis</i>)
Box 2 of 4	White Rhinoceros (<i>Ceratotherium simum</i>)
	Tapiridae
Box 2 of 4	Brazilian Tapir (<i>Tapirus terrestris</i>)
	Otariidae
Box 2 of 4	California Sea Lion (<i>Zelaphus californianus</i>)
	Phocidae
Box 2 of 4	Gray Seals (<i>Halichoerus grypus</i>)
	Callithricidae
Box 2 of 4	Golden Lion Marmoset (<i>Leontideus regalis</i>)
Box 2 of 4	Cotton-Headed (Top) Tamarin (<i>Leontocebus oedipus</i>)

Box 2 of 4	Geoffrey's Tamarin/Marmoset (<i>Leontocebus geoffreyi</i>)
Box 2 of 4	Goeldi's Monkey/Marmoset (<i>Callimico goeldii</i>)
Box 2 of 4	White-fronted Marmoset (<i>Callithrix geoffroyi</i>)
Box 2 of 4	White-lipped Marmoset (<i>Saguinus nigricollis</i>)
	Cebidae
Box 2 of 4	Black and White Colobus (<i>Colobus polykomos</i>)
Box 2 of 4	Black Spider Monkey (<i>Ateles paniscus</i>)
Box 2 of 4	Black Howler Monkey
Box 2 of 4	Brown Headed Spider Monkey (<i>Ateles fusciceps</i>)
Box 2 of 4	Capuchin
Box 2 of 4	Night Monkey (<i>Douroucoulis</i> sp.)
Box 2 of 4	Red Uakari (<i>Cacajai rubicundus</i>)
Box 2 of 4	Titi Monkey (<i>Callicebus</i> sp.)
Box 2 of 4	Woolly Monkey
	Cercopithecidae
Box 2 of 4	Allen's Swamp Monkey (<i>Allenopithecus nigroviridis</i>)
Box 2 of 4	Bonnet Macaque
Box 2 of 4	Barbary Ape (<i>Macaca sylvana</i>)
Box 2 of 4	Celebes Ape/Celebes Crested Macaque (<i>Cynopithecus niger macaca</i>)
Box 2 of 4	Chacma Baboon (<i>Papio Ursinus</i>)
Box 2 of 4	Gelada Baboon (<i>Theropithecus gelada</i>)
Box 2 of 4	Guenons - Monas
Box 2 of 4	Japanese Macaque (<i>Macaca fuscata</i>)
Box 2 of 4	Langurs (<i>Presbytis</i> sp.)
Box 2 of 4	Lion Tailed Macaque (<i>Macacasilensus</i>)
Box 2 of 4	Mandrill (<i>Papio sphinx</i>)

Box 2 of 4	Mangabeys
Box 2 of 4	Patas Monkey (<i>Erythrocebus patas</i>)
Box 2 of 4	Pig Tailed Macaque (<i>Macaca nemestrina</i>)
Box 2 of 4	Probiscus Monkey (<i>Nasalis larbata</i>)
Box 2 of 4	Rhesus Monkey/Macaque (<i>Macaca Muilatta</i>)
Box 2 of 4	Squirrel Monkey
	Lemuridae
Box 2 of 4	Lemurs
	Lorisidae
Box 2 of 4	Galago (<i>Galago senegalensis</i>)
Box 2 of 4	Slow Loris (<i>Nycticebus coucang</i>)
Box 2 of 4	Potto (<i>Perodicticus potto</i>)
	Pongidae
Box 2 of 4	Chimpanzee (<i>Pan sp.</i>)
Box 2 of 4	Gibbons (<i>Hylobates sp.</i>)
Box 2 of 4	Gorilla (<i>Gorilla gorilla</i>)
Box 2 of 4	Orangutan (<i>Pongo sp.</i>)
	Taipaiidae
Box 2 of 4	Tree Shrew (<i>Tupaia glis</i>)
	Elephantidae
Box 2 of 4	African Elephant (<i>Loxodonta africana</i>)
Box 2 of 4	Asian Elephant (<i>Elaphus maximus</i>)
	Capromyidae
Box 2 of 4	Hutis (des Marets and Cuban)

	Castoridae
Box 2 of 4	Beaver (<i>Castor fiber</i>)
	Caviidae
Box 2 of 4	Cavy
	Chincillidae
Box 2 of 4	Plains Viscacha (<i>Lagostomus maximus</i>) and Mountain Viscacha (<i>Lagidium viscaccia</i>)
	Cricetidae
Box 2 of 4	Burrowing Mouse (<i>Oxymycterus nasutus</i>)
Box 2 of 4	Hairy-footed Hamster (<i>Phodopus sungorus</i>)
	Dasyprotidae
Box 2 of 4	Acouchis (<i>Myoprocta</i> sp.)
	Dinomyidae
Box 2 of 4	Pacarana (<i>Dinomys</i> sp.)
	Erethizontidae
Box 2 of 4	Prehensile Tailed Porcupine (<i>Coendou prehensillis</i>)
Box 2 of 4	North American Porcupine (<i>Erethizon dorsatum</i>)
	Hystricidae
Box 2 of 4	African Crested Porcupine (<i>Hystrix galeata</i>)
Box 2 of 4	Brush Tailed Porcupines (<i>Atherurus</i> sp.)
	Muridae
Box 2 of 4	Celebes Spiny Rats (<i>Echiothrix leucura</i>)
Box 2 of 4	Spiny Mouse (<i>Scolomys melanops</i>)
Box 2 of 4	Naked Tailed Rats (<i>Solomys sale brosus</i>)
Box 2 of 4	Peter's Tree Rat (<i>Thallomys</i> sp.)
Box 2 of 4	White Tailed Rat

Box 2 of 4	Wood Rats/Pack Rats (<i>Neotoma</i> sp.)
	Octodontidae
Box 2 of 4	Degu (<i>Octodon</i> sp.)
Box 2 of 4	Boris (<i>Octodontomys gliroides</i>)
Box 2 of 4	Pika (<i>Ochotona</i> sp.)
	Box 3
	Scuridae
Box 3 of 4	Ground Hog/Woodchuck (<i>Marmota</i> sp.)
Box 3 of 4	Prairie Dog (<i>Cynomys</i>)
Box 3 of 4	Woodchuck (<i>Marmota</i> sp.)
Box 3 of 4	Tree Squirrels (<i>Sciurus</i> sp.)
	Reptiles
Box 3 of 4	Experimental Snakes
Box 3 of 4	Reptiles for Comparison
	Testudinidae
Box 3 of 4	Leopard Tortoise (<i>Geochelone pardalis</i>)
Box 3 of 4	Aldabra Tortoise (<i>Geochelone gigantean</i>)
Box 3 of 4	Red Footed Tortoise (<i>Geochelone carbonia</i>)
	Agamidae
Box 3 of 4	Water Dragon (<i>Physignathus cocincinus</i>)
	Colubridae
Box 3 of 4	Northern Water Snake (<i>Nerodia sipedon</i>)
	Cordylidae
Box 3 of 4	Plated Lizard (<i>Gerrhosaurus validus</i>)

	Gekkonidae
Box 3 of 4	Tokay Gecko (<i>Gekko gecko</i>)
	Iguanidae
Box 3 of 4	Iguana (<i>Iguana iguana</i>)
	Serpentes
Box 3 of 4	Burmese Python (<i>Python malurus biyittatus</i>)
Box 3 of 4	Green Tree Python
	Varanidae
Box 3 of 4	Malayan Water Monitor (<i>Varanus salvator</i>)
Box 3 of 4	Savannah Monitor (<i>Varanus exanthematicus</i>)
Box 3 of 4	Salvator Water Monitor
Box 3 of 4	Lace Monitor
Box 3 of 4	Tegu
Box 3 of 4	Picathartes
	Anatidae
Box 3 of 4	American Common Goldeneye (<i>Buelphalia clagula Americana</i>)
Box 3 of 4	Indian Spotbill Duck (<i>Anas p. poecilorhyncha</i>)
Box 3 of 4	American Eider (<i>Somateria mollissima dresseri</i>)
Box 3 of 4	American Green-Winged Teal (<i>Anas crecca carolinensis</i>)
Box 3 of 4	American (Chiloe) Widgeon (<i>Anas Americana</i>)
Box 3 of 4	Argentine Shoveler (<i>Anas platalea</i>)
Box 3 of 4	Ashy Headed Goose (<i>Chloephaga poliocephala</i>)
Box 3 of 4	Australian Grey Teal (<i>Anas gibberifrons gracilis</i>)
Box 3 of 4	Australian Wood Duck (<i>Chenonetta jubata</i>)
Box 3 of 4	Bar Headed Goose (<i>Anser indicus</i>)
Box 3 of 4	Red-Crested Pochard

Box 3 of 4	Barrows Goldeneye (<i>Bucephala islandica</i>)
Box 3 of 4	Black Goose
Box 3 of 4	Black Swan (<i>Cygnus atratus</i>)
Box 3 of 4	Black-Necked Swan (<i>Cygnus melanocoryphus</i>)
Box 3 of 4	Brown Pintail Duck (<i>Anas georgica spinicauda</i>)
Box 3 of 4	Blue Winged Teal (<i>Anas discors</i>)
Box 3 of 4	Canvasback Duck (<i>Authya valisineria</i>)
Box 3 of 4	Cape Shelduck (<i>Tadorna</i>)
Box 3 of 4	Cape Teal
Box 3 of 4	Cereopsis Goose (<i>Cereopsis novachollandiae</i>)
Box 3 of 4	Chesnut Teal (<i>Anas castanea</i>)
Box 3 of 4	Common Shelduck (<i>Tadorna tadorna</i>)
Box 3 of 4	Coscoroba Swan (<i>Coscoroba coscoroba</i>)
Box 3 of 4	Crested Merganser (<i>Mergus</i> sp.)
Box 3 of 4	Formosa Teal/Baikal (<i>Anas Formosa</i>)
Box 3 of 4	Gadwall (<i>Anas strepera</i>)
Box 3 of 4	Giant Canadian Goose (<i>Branta canadensis maxima</i>)
Box 3 of 4	Greater Brazilian Teal (<i>Amazonetta b. ipecutiri</i>)
Box 3 of 4	Hawaiian Duck (<i>Anas platyrhynchos wyvilliana</i>)
Box 3 of 4	Hooded Merganser (<i>Mergus cucullatus</i>)
Box 3 of 4	American Merganser (<i>Mergus merganser americanus</i>)
Box 3 of 4	Laysan Teal (<i>Anas platyrhynchos laysanensis</i>)
Box 3 of 4	Lesser White Fronted Goose (<i>Anser erythropus</i>)
Box 3 of 4	Lesser Magellan Goose (<i>Chloephaga p. picta</i>)
Box 3 of 4	Mallard (<i>Anas platyrhynchos</i>)
Box 3 of 4	Mandarin Duck (<i>Aix galericulata</i>)

Box 3 of 4	Nene (Hawaiian) Goose (<i>Branta sandvicensis</i>)
Box 3 of 4	North American Black Duck (<i>Anas rubripes</i>)
Box 3 of 4	North American Wood Duck (<i>Aix sponsa</i>)
Box 3 of 4	Patagonian Crested Duck (<i>Anas s. specularioides</i>)
Box 3 of 4	Northern Cinnamon Teal (<i>Anas cyanoptera septentrionalium</i>)
Box 3 of 4	Pacific Brant Goose (<i>Branta bernicle orientalis</i>)
Box 3 of 4	Pacific Eider (<i>Somateria m. v. nigra</i>)
Box 3 of 4	Pacific White Fronted Goose (<i>Anser albifrons frontalis</i>)
Box 3 of 4	Paradise Shelduck (<i>Tadorna variegata</i>)
Box 3 of 4	Pink Footed Goose/Orinoco Goose
Box 3 of 4	Philippine Duck/Old Squaw Duck (<i>A. luzonica</i>)
Box 3 of 4	Radjah Shelduck (<i>Tadorna r. radiah</i>)
Box 3 of 4	Red Billed Pintail (<i>Anas erythrorhyncha</i>)
Box 3 of 4	Red Breasted Goose (<i>Branta ruficollis</i>)
Box 3 of 4	Red-Crested Pochard (<i>Netta rufina</i>)
Box 3 of 4	Ring Necked Duck (<i>Aythya collaris</i>)
Box 3 of 4	Ross Goose (<i>Anser rossii</i>)
Box 3 of 4	Rosybill Duck (<i>Netta peposaca</i>)
Box 3 of 4	Ruddy Shelduck (<i>Tadorna ferruginea</i>)
Box 3 of 4	Southern Redbilled Whistling Duck (<i>Dendrocygna autumnalis discolor</i>)
Box 3 of 4	Redhead Duck (<i>Aythya Americana</i>)
Box 3 of 4	Ringed Teal (<i>Callonetta leucophrys</i>)
Box 3 of 4	South African Yellowbilled Duck (<i>Anas u. undulata</i>)
Box 3 of 4	Trumpeter Swan (<i>Sygnus sygnus buccinator</i>)
Box 3 of 4	Tufted Duck (<i>Aythya fuligula</i>)
Box 3 of 4	Tule Goose

Box 3 of 4	Whistling Swan (<i>Cygnus c. columbianus</i>)
Box 3 of 4	White Faced Whistling Duck (<i>Dendrocygna viduata</i>)
Box 3 of 4	White Winged Wood Duck (<i>Cairina scutulata</i>)
Box 3 of 4	Yellowbilled (Brown) Pintail Duck
	Apterygiformes
Box 3 of 4	Brown Kiwi (<i>Apteryx australes</i>)
	Podargidae
Box 3 of 4	Tawny Frogmouth (<i>Podargus strigoides</i>)
	Casuariiformes
Box 3 of 4	Doublewattled Cassowary (<i>Casuarus bicarunculatus</i>)
	Promaiidae
Box 3 of 4	Emu (<i>Dromaius novaehollandiae</i>)
	Charagriidae
Box 3 of 4	Australian Spur-Winged Plover (<i>Vanellus novahollandiae</i>)
Box 3 of 4	Avocet (<i>Recurvirostra avosetta</i>)
	Glareolidae
Box 3 of 4	Pratincole (<i>Glareola pratincola</i>)
	Laridae
Box 3 of 4	Herman's Gull
Box 3 of 4	Silver Gull (<i>Larus novachollandiae</i>)
Box 3 of 4	Inca Tern (<i>Larosterna inca</i>)
Box 3 of 4	Laughing Gull (<i>Larus atricilla</i>)
	Scolopacidae
Box 3 of 4	Cormorant
Box 3 of 4	Knot (<i>Calidris canutus</i>)

Box 3 of 4	Turnstone (<i>Arenaria interpres</i>)
	Recurvirostridae
Box 3 of 4	Blackneck Stilt (<i>Himantopus mexicanus</i>)
	Ciconiiformes
Box 3 of 4	Cattle Egret
Box 3 of 4	Snowy Egret
	Areidae
Box 3 of 4	Bittern (<i>Bottaurus</i>)
Box 3 of 4	Boatbilled Heron (<i>Cochlearius cochlearius</i>)
Box 3 of 4	Night Heron (<i>Nycticorax</i>)
	Ciconiidae
Box 3 of 4	Hammerkopf (<i>Scopus ubretta</i>)
Box 3 of 4	Lesser Adjutant Stork
Box 3 of 4	Marabou Stork (<i>Leptoptilos crumeniferous</i>)
	Phoenicopteridae
Box 3 of 4	American/Caribbean Flamingo (<i>Phoenicopteris ruber</i>)
Box 3 of 4	Chilean Flamingo (<i>Phoenicopteris chilensis</i>)
Box 3 of 4	Greater Flamingo (<i>Phoenicopteris roseus</i>)
Box 3 of 4	Old World Flamingo
	Threskornithidae
Box 3 of 4	Scarlet Ibis (<i>Eudocimus ruber</i>)
Box 3 of 4	Sacred Ibis (<i>Theskiornis aethiopica</i>)
Box 3 of 4	Whitefaced Ibis (<i>Plegadis chihi</i>)
Box 3 of 4	Roseate Spoonbill (<i>Ajaia ajaja</i>)

Columbidae

- Box 3 of 4 Crested Pigeon (*Goura*)
- Box 3 of 4 Crowned Pigeon (*Goura cristata*)
- Box 3 of 4 Diamond Dove (*Geopelia cuneata*)
- Box 3 of 4 Emerald Spotted Dove (*Turtur chalcospilos*)
- Box 3 of 4 Fruit/Yellow Breasted Dove
- Box 3 of 4 Galapagos Dove (*Zenaida galapagensis*)
- Box 3 of 4 Ground/WhiteBreasted Dove
- Box 3 of 4 Imperial Pigeon (*Ducula basitica*)
- Box 3 of 4 Inca Dove
- Box 3 of 4 Mountain Witch/Crested Quail Dove
- Box 3 of 4 Lace Necked Dove
- Box 3 of 4 Mourning Dove
- Box 3 of 4 Nicobar Pigeon (*Caloenas nicobarica*)
- Box 3 of 4 Plumed Pigeon (*Petrophassa plumifera*)
- Box 3 of 4 Ring Necked Dove (*Streptopelia capicola*)
- Box 3 of 4 Spotted Dove/Chinese Necklace Dove (*Streptopelia chinensis*)

Alcedimidae

- Box 3 of 4 Giant Kingfisher (*Dacelo novaequinaeae*)
- Box 3 of 4 Kookaburra

Bucerotidae

- Box 3 of 4 Abyssinian Ground Hornbill (*Bucorvus abyssinicus*)
- Box 3 of 4 Rhinocero Hornbill (*Buceros rhinoceros*)
- Box 3 of 4 Rufous Hornbill (*Buceros hydrocorax*)

Coraciidae

- Box 3 of 4 Lilac Breasted Roller (*Coracias carrdata*)

	Momotidae
Box 3 of 4	Mot Mot (<i>Momotus momota</i>)
	Cuculidae
Box 3 of 4	Renauld's Ground Cuckoo
Box 3 of 4	Roadrunner (<i>Geococcyx californianus</i>)
	Musophagidae
Box 3 of 4	Red Crested Turaco (<i>Tauraco erythrolophus</i>)
Box 3 of 4	Schalow's Turaco (<i>Tauraco livingstoni schalorvi</i>)
	Accipitridae
Box 3 of 4	American Bald Eagle (<i>Haliaeetus leucocephalus</i>)
Box 3 of 4	American Golden Eagle (<i>Aquila chrysaetos canadensis</i>)
Box 3 of 4	Eagle (Miscellaneous)
Box 3 of 4	Goshawk (<i>Accipiter</i> sp.)
Box 3 of 4	Harris Hawk (<i>Parabuteo unicinctus harrisi</i>)
Box 3 of 4	Imperial Eagle (<i>Aquila heliaca</i>)
Box 3 of 4	Long Crested Eagle (<i>Lophaelagus occipitalis</i>)
Box 3 of 4	Red Shouldered Hawk (<i>Buteo lineatus</i>)
Box 3 of 4	Red Tailed Hawk (<i>Buteo jamaicensis</i>)
Box 3 of 4	Roadside Hawk (<i>Buteo magnirostris</i>)
Box 3 of 4	Savannah Hawk (<i>Heterospizias meridionalis</i>)
Box 3 of 4	Serpent Eagle (<i>Spilornis cheela</i>)
Box 3 of 4	White Bellied Sea Eagle (<i>Haliaeetus leucogaster</i>)
Box 3 of 4	Hawks (Miscellaneous)
Box 3 of 4	Hooded Vulture (<i>Necrosytes monachus</i>)
	Cathartidae

Box 3 of 4	Andean Condor (<i>Vultur gryphus</i>)
Box 3 of 4	Turkey Vulture
Box 3 of 4	Black Vulture (<i>Coragyps atratus</i>)
Box 3 of 4	King Vulture (<i>Sarcorhamphus papa</i>)
	Falconidae
Box 3 of 4	Collared Forest Falcon (<i>Micrastur semitorquatus</i>)
Box 3 of 4	Common Caracara (<i>Polyborus plancus</i>)
Box 3 of 4	Kestrel/Sparrow Hawk (<i>Falco Sparverius</i>)
Box 3 of 4	King Falcon
Box 3 of 4	Prairie Falcon
	Pandionidae
Box 3 of 4	Osprey (<i>Pandion haliaetus</i>)
	Sagittariidae
Box 3 of 4	Secretary Bird (<i>Sagittarius serpentarius</i>)
	Cracidae
Box 3 of 4	White Headed Piping Guan (<i>Aburria pipile cumanensis</i>)
	Megapodidae
Box 3 of 4	Brush Turkey
	Box 4
	Numididae
Box 4 of 4	Guineafowl
Box 4 of 4	Mt. Kenya Crested Guineafowl
Box 4 of 4	Vulturine Guineafowl (<i>Acryllium vulturinum</i>)
Box 4 of 4	Javanese Green Peafowl (<i>Pavo m. muticus</i>)
	Phasianidae

Box 4 of 4	Barethroated Tree Partridge (<i>Arborophila brunneopectus</i>)
Box 4 of 4	Chukar Partridge (<i>Alectoris chukar</i>)
Box 4 of 4	Chinese Francolin (<i>Frncolinus pintadeanus</i>)
Box 4 of 4	Crested Greenwood Partridge (<i>Rollulus roulroul</i>)
Box 4 of 4	Brush Turkey (<i>Alectura lathami</i>)
Box 4 of 4	Domestic/Wild Turkey (<i>Meleagris galopayo</i>)
Box 4 of 4	Ocellated Turkey (<i>Agriocharis ocellate</i>)
Box 4 of 4	Bobwhite Quail
Box 4 of 4	California Valley Quail
	Junglefowl
Box 4 of 4	Grey Junglefowl (<i>Gallus sonneratii</i>)
Box 4 of 4	Junglefowl
Box 4 of 4	Red Junglefowl (<i>Gallus gallus</i>)
	Peafowl
Box 4 of 4	Indian Peafowl (<i>Pavo christiatus</i>)
Box 4 of 4	Peacock
	Pheasant
Box 4 of 4	Argos Pheasant
Box 4 of 4	Elliot's Pheasant (<i>Syrmaticus ellioti</i>)
Box 4 of 4	Golden Pheasant (<i>Chrysolophus pictus</i>)
Box 4 of 4	Himalayan Impeyan Pheasant (<i>Lophophorus impeyanus</i>)
Box 4 of 4	Hume's Bar-Tailed Pheasant (<i>Syrmaticus humiae</i>)
Box 4 of 4	Lady Amherst Pheasant (<i>Chrysolophus amherstiae</i>)
Box 4 of 4	Malay Crestless Fireback Pheasant (<i>Lophura e. erythrophthalmia</i>)
Box 4 of 4	Mikado Pheasant (<i>Syrmaticus mikado</i>)
Box 4 of 4	Palawan Peacock Pheasant (<i>Polyplecteron emphanum</i>)

Box 4 of 4	Ring Necked Pheasant
Box 4 of 4	Satyr Tragopan Pheasant (<i>Tragopan satyra</i>)
Box 4 of 4	White Crested Kalij Pheasant (<i>Lophura leucomelana hamiltoni</i>)
Box 4 of 4	White-Earred Pheasant (<i>Crossoptilon crossoptilon</i>)
Box 4 of 4	Swinhoe's Pheasant (<i>Lophura swainhoii</i>)
Box 4 of 4	Pheasant (Miscellaneous)
	Gaviidae
Box 4 of 4	Red Throated Loon (<i>Gavia slellata</i>)
	Cariamidae
Box 4 of 4	Seriema (<i>Cariama</i> sp.)
	Eurypygidae
Box 4 of 4	Sunbittern (<i>Eurypyga helias</i>)
	Gruidae
Box 4 of 4	Demoiselle Crane (<i>Anthropoides virgo</i>)
Box 4 of 4	East African Crowned Crane (<i>Balearica regulorum gibbericeps</i>)
Box 4 of 4	European Crane (<i>Grus grus</i>)
Box 4 of 4	Florida Sandhill Crane (<i>Grus canadensis pratensis</i>)
Box 4 of 4	Greater Sandhill Crane (<i>Grus canadensis tabida</i>)
Box 4 of 4	Lesser Sandhill Crane (<i>Grus c. canadensis</i>)
Box 4 of 4	Manchurian Crane (<i>Grus japonensis</i>)
Box 4 of 4	Mississippi Sandhill Crane
Box 4 of 4	Sarus Crane (<i>Grus antigone</i>)
Box 4 of 4	Stanley Crane (<i>Anthropoides paradisea</i>)
Box 4 of 4	Wattle Crane
Box 4 of 4	West African Crowned Crane

Box 4 of 4	Whitenaped Crane (<i>Grus vipio</i>)
	Otididae
Box 4 of 4	Kori Bustard/Bustard Miscellaneous (<i>Ardeotis kori</i>)
	Psophiidae
Box 4 of 4	White-Winged Trumpeter (<i>Psophia leucoptera</i>)
	Rallidae
Box 4 of 4	African Black Crake (<i>Limnocorax flavirostia</i>)
Box 4 of 4	Red and White Crake
Box 4 of 4	Gough Island Moorhen (<i>Gallinula comeri</i>)
Box 4 of 4	North American Coot (<i>Fulica Americana</i>)
Box 4 of 4	Pukeko/Purple Swamp Hen (<i>Porphyrio melanotus</i>)
Box 4 of 4	Purple Gallinule (<i>Porphyryula martinica</i>)
Box 4 of 4	Yellow Rail (<i>Coturnicops noveboracensis</i>)
Box 4 of 4	Grey-Necked Wood Rail (<i>Aramides cajanea</i>)
	Turnicidae
Box 4 of 4	Kurichane Hemipode (<i>Turnix sylvatica</i>)
	Bombycillidae
Box 4 of 4	Waxwing
	Corvidae
Box 4 of 4	Bluejay (<i>Cyanocitta cristata</i>)
Box 4 of 4	Pinyon Jay
Box 4 of 4	Red Billed Blue magpie (<i>Urocissa erythrorhyncha</i>)
Box 4 of 4	Raven
	Cotingidae
Box 4 of 4	Cock-of-the-Rock (<i>Rupicola rupicola</i>)

Box 4 of 4 Orange Headed Ground Thrush (*Zoothera citrina*)

Dicruridae

Box 4 of 4 Greater Ratchet Tail (*Dicrurus paradiseus*)

Eurylaimidae

Box 4 of 4 Lesser Green Broadbill (*Calypotomena viridis*)

Emberizidae

Box 4 of 4 Red Crested Cardinal (*Paroaria coronata*)

Box 4 of 4 Purple Honey Creeper (*Cyanerpes caeruleus*)

Box 4 of 4 Red Legged Honey Creeper (*Cyanerpes cyaneus*)

Box 4 of 4 Tanagers

Irenidae

Box 4 of 4 Chloropsis

Box 4 of 4 Fairy Bluebird (*Irena puella*)

Laniidae

Box 4 of 4 Crimson Breasted Shrike (*Laniarius aethiopus*)

Meliphagidae

Box 4 of 4 White Naped Honey Eater (*Melithreptus lunatus*)

Mimidae

Box 4 of 4 Mockingbird (*Mimus polyglottos*)

Box 4 of 4 Thrasher

Muscicapidae

Box 4 of 4 Arrowed Marked Babbler (*Turdoicles jardina*)

Oriolidae

Box 4 of 4 Northern Oriole (*Icterus galbula*)

	Paradisaeidae
Box 4 of 4	Red Plumed Bird-of-Paradise (<i>Paradisaea raggina</i>)
	Pipridae
Box 4 of 4	Blue Backed Manakin (<i>Chiroxiphia pareola</i>)
	Ploceidae
Box 4 of 4	Orange/Napoleon Weaver
Box 4 of 4	Gold Song Sparrow (<i>Passer luteus</i>)
Box 4 of 4	Red Bishop (<i>Euplecttes orix</i>)
Box 4 of 4	Paradise Whydah (<i>Steganura paradisea</i>)
	Estrildidae
Box 4 of 4	Cut Throat Finch (<i>Amadina fasciata</i>)
Box 4 of 4	Bengalese Finch (<i>Lonchura domestica</i>)
Box 4 of 4	Finch
Box 4 of 4	Gouldian Finch (<i>Poephila gouldiae</i>)
	Ptilonorhynchidae
Box 4 of 4	Satin Bowerbird (<i>Ptilonorhynchus violaceus</i>)
	Sturnidae
Box 4 of 4	Golden Brested Starling (<i>Cosmopsarus regius</i>)
Box 4 of 4	Long Tailed Glossy Starling (<i>Aplonis magna</i>)
Box 4 of 4	Mynah
Box 4 of 4	Redbilled Oxpecker (<i>Buphaga erythrorhyndra</i>)
Box 4 of 4	Superb Starling
	Timaliidae
Box 4 of 4	Whitenecked Rock Fowl (<i>Picathartes gymnocephalus</i>)
	Troglodytidae

Box 4 of 4	Rock Wren (<i>Salpinctes obsoletus</i>)
Box 4 of 4	Zebra Finch
Box 4 of 4	White Wren (<i>Thryothorus rufalbus</i>)
	Zosteropidae
Box 4 of 4	Kikuyu White Eye (<i>Zosterops senegalensis</i>)
Box 4 of 4	Oriental White Eye (<i>Zosterops palpeberosa</i>)
Box 4 of 4	Zosterop
	Anhingidae
Box 4 of 4	Anhinga (<i>Anhinga anhinga</i>)
	Pelicanidae
Box 4 of 4	American White pelican (<i>Pelecanus erythrorhynchos</i>)
Box 4 of 4	Brown Pelican (<i>Pelecanus occidentalis</i>)
Box 4 of 4	Eastern White Pelican (<i>Pelecanus onocrotalus</i>)
	Phalacrocoracidae
Box 4 of 4	American Woodcock (<i>Scolopax minor</i>)
	Ramphastidae
Box 4 of 4	Toco Toucan (<i>Ramphastos toco</i>)
Box 4 of 4	Toucanette
Box 4 of 4	Keel Billed Toucan
	Cacatuidae
Box 4 of 4	Black Palm Cockatoo
Box 4 of 4	Moluccan Cockatoo
Box 4 of 4	Salmon Crested Cockatoo (<i>Cacatua moluccensis</i>)
Box 4 of 4	Slender-Billed Corella (<i>Cacatua tenuirostris pastinator</i>)
Box 4 of 4	Sulphur Crested Cockatoo (<i>Cacatua galerita</i>)

Box 4 of 4	Macaws (<i>Ara</i> sp.)
Box 4 of 4	Mt. Apo Lorikeet (<i>Trichoglossus j. johnstoniae</i>)
Box 4 of 4	Red Collared Lorikeet (<i>Trichoglossus haematidus rubritorguis</i>)
Box 4 of 4	Ornate Lorikeet (<i>Trichoglossus ornatus</i>)
	Psittacidae
Box 4 of 4	African Grey Parrot (<i>Psittacus erithacus</i>)
Box 4 of 4	Black-Headed Caique (<i>Pionites melanocephalia</i>)
Box 4 of 4	Blue-Headed Parrot (<i>Pionus menstruus</i>)
Box 4 of 4	Canary-Winged Parakeet (<i>Brotogeris versicolorus</i>)
Box 4 of 4	Conure (Miscellaneous)
Box 4 of 4	Eclectus Parrot (<i>Eclectus rorotus</i>)
Box 4 of 4	Jandaya Conure (<i>Aratinga jandaya</i>)
Box 4 of 4	Monk Parakeet (<i>Myiopsitta monachus</i>)
Box 4 of 4	Mexican Parrotlet (<i>Forpus c. cyanopygius</i>)
Box 4 of 4	Nonde Conure
Box 4 of 4	Orangefooted Conure (<i>Aratinga canicularis</i>)
Box 4 of 4	Parakeet (Miscellaneous)
Box 4 of 4	Plum Headed Parakeet (<i>Psittacula cyanocaphala</i>)
Box 4 of 4	Peachfaced Lovebird (<i>Agapornis roseicollis</i>)
Box 4 of 4	Princess Parrot (<i>Polytelis alexandrae</i>)
Box 4 of 4	Tui Parakeet (<i>Brotogeris sanctithomae</i>)
Box 4 of 4	Vernal Hanging Parakeet (<i>Loriculus vernalis</i>)
Box 4 of 4	White-Bellied Caique
Box 4 of 4	Yellow Headed Amazon
	Rheidae
Box 4 of 4	Darwin's Rhea (<i>Pterocnemia pennata</i>)

Box 4 of 4

Greater Rhea/Common Rhea (*Rhea americana*)