

TABLE OF CONTENTS

Comparative Osteology: A Laboratory and Field Guide of Common North American Animals

Chapter 1: Introduction, Scope of Book, and Credits

Introduction
Archaeological Context
Forensic Context
Book Terminology and Organization
Background of the Specimens Included in this Book
Photographic Credits

Chapter 2: Crania

Crania of Large Species
Adult Human
Horse
Cow
Bear
Deer
Pig
Goat
Sheep
Dog
Crania of Small Species
Newborn Human
Raccoon
Opossum
Cat
Rabbit
Duck
Chicken

Chapter 3: Humeri

Humeri of Large Species
Adult Human
Horse
Bear
Cow
Pig
Dog
Deer
Sheep
Goat
Humeri of Small Species
Newborn Human

Turkey
Duck
Raccoon
Cat
Opossum
Rabbit
Chicken

Chapter 4: Radii and Ulnae

Radii and Ulnae of Large Species

Adult Human

Horse

Cow

Bear

Pig

Deer

Dog

Sheep

Goat

Radii and Ulnae of Small Species

Newborn Human

Turkey

Raccoon

Cat

Duck

Opossum

Chicken

Rabbit

Chapter 5: Femora

Femora of Large Species

Adult Human

Horse

Cow

Bear

Pig

Deer

Dog

Sheep

Goat

Femora of Small Species

Newborn Human

Raccoon

Turkey

Cat

Rabbit

Opossum

Chicken

Duck

Chapter 6: Tibiae

Tibiae of Large Species

Adult Human

Horse

Cow

Bear

Deer

Dog

Sheep

Pig

Goat

Tibiae of Small Species

Newborn Human

Turkey

Chicken

Duck

Raccoon

Cat

Rabbit

Opossum

Chapter 7: Human (*Homo sapiens*)

Cranium

Humerus

Radius

Ulna

Femur

Tibia

Fibula

Scapula

Sternum

Pelvis

Sacrum

Vertebrae

Metacarpals, Metatarsals, and Tarsals

Chapter 8: Horse (*Equus caballus*)

Cranium

Humerus

Radius/Ulna

Femur

Tibia

Fibula

Scapula

Sternum

Pelvis

Vertebrae

Metacarpus and Metatarsus

Chapter 9: Cow (*Bos taurus* and *Bos indicus*)

Cranium
Humerus
Radius/Ulna
Femur
Tibia
Scapula
Pelvis
Metacarpus, Metatarsus, and Tarsals

Chapter 10: Bear (*Ursus americanus*)

Cranium
Humerus
Radius
Ulna
Femur
Tibia
Fibula
Scapula
Sternum
Pelvis
Sacrum
Vertebrae
Metacarpals, Metatarsals, and Tarsals

Chapter 11: Deer (*Odocoileus virginianus*)

Cranium
Humerus
Radius
Ulna
Femur
Tibia
Scapula
Pelvis
Sacrum
Vertebrae
Metacarpus, Metatarsus, and Tarsals

Chapter 12: Pig (*Sus scrofa*)

Cranium
Humerus
Radius/Ulna
Femur
Tibia
Fibula
Scapula
Sternum
Pelvis
Vertebrae
Metacarpals, Metatarsals, and Tarsals

Chapter 13: Goat (*Capra hircus*)

Cranium
Humerus
Radius
Ulna
Femur
Tibia
Scapula
Pelvis
Metacarpus and Metatarsus

Chapter 14: Sheep (*Ovis aries*)

Cranium
Humerus
Radius/Ulna
Femur
Tibia
Scapula
Pelvis
Sacrum
Metacarpus, Metatarsus, and Tarsals

Chapter 15: Dog (*Canis familiaris*)

Cranium
Humerus
Radius
Ulna
Femur
Tibia
Fibula
Scapula
Pelvis
Sacrum
Vertebrae

Chapter 16: Raccoon (*Procyon lotor*)

Cranium
Humerus
Radius
Ulna
Femur
Tibia
Scapula
Pelvis
Vertebrae and Baculum

Chapter 17: Opossum (*Didelphis virginiana*)

Cranium and Mandible
Humerus
Radius

Ulna
Femur
Tibia
Fibula
Scapula
Pelvis
Vertebrae

Chapter 18: Cat (*Felis catus*)

Cranium
Humerus
Radius
Ulna
Femur
Tibia
Fibula
Scapula
Pelvis
Vertebrae

Chapter 19: Rabbit (*Sylvilagus carolinensis* and *Oryctolagus cuniculus*)

Cranium
Humerus
Radius/Ulna
Femur
Tibia/Fibula
Scapula
Pelvis
Sacrum
Vertebra

Chapter 20: Turkey (*Meleagris gallopavo*)

Humerus
Radius
Ulna
Femur
Tibiotarsus
Fibula
Pectoral Girdle
Pelvis
Synsacrum
Carpometacarpus

Chapter 21: Duck (*Anas platyrhynchos*)

Cranium
Humerus
Radius
Ulna
Femur
Tibia

Fibula
Pectoral Girdle
Sternum
Pelvis
Synsacrum
Carpometacarpus and Tarsometatarsus

Chapter 22: Chicken (*Gallus gallus*)

Cranium
Humerus
Radius
Ulna
Femur
Tibiotarsus
Fibula
Pectoral Girdle
Sternum
Pelvis
Carpometacarpus and Tarsometatarsus

Chapter 23: Miscellaneous Animals

Subadult Skeletal Elements
Adult Skeletal Elements
Rat
Bobcat
Fox
Turtle

Chapter 24: Traces of Butchery and Bone Working

Introduction
Modern Butchery: Eighteenth Century to Present
Butchery Using Cleavers and Heavy Knives
Prehistoric Butchery
Bone as a Raw Material.