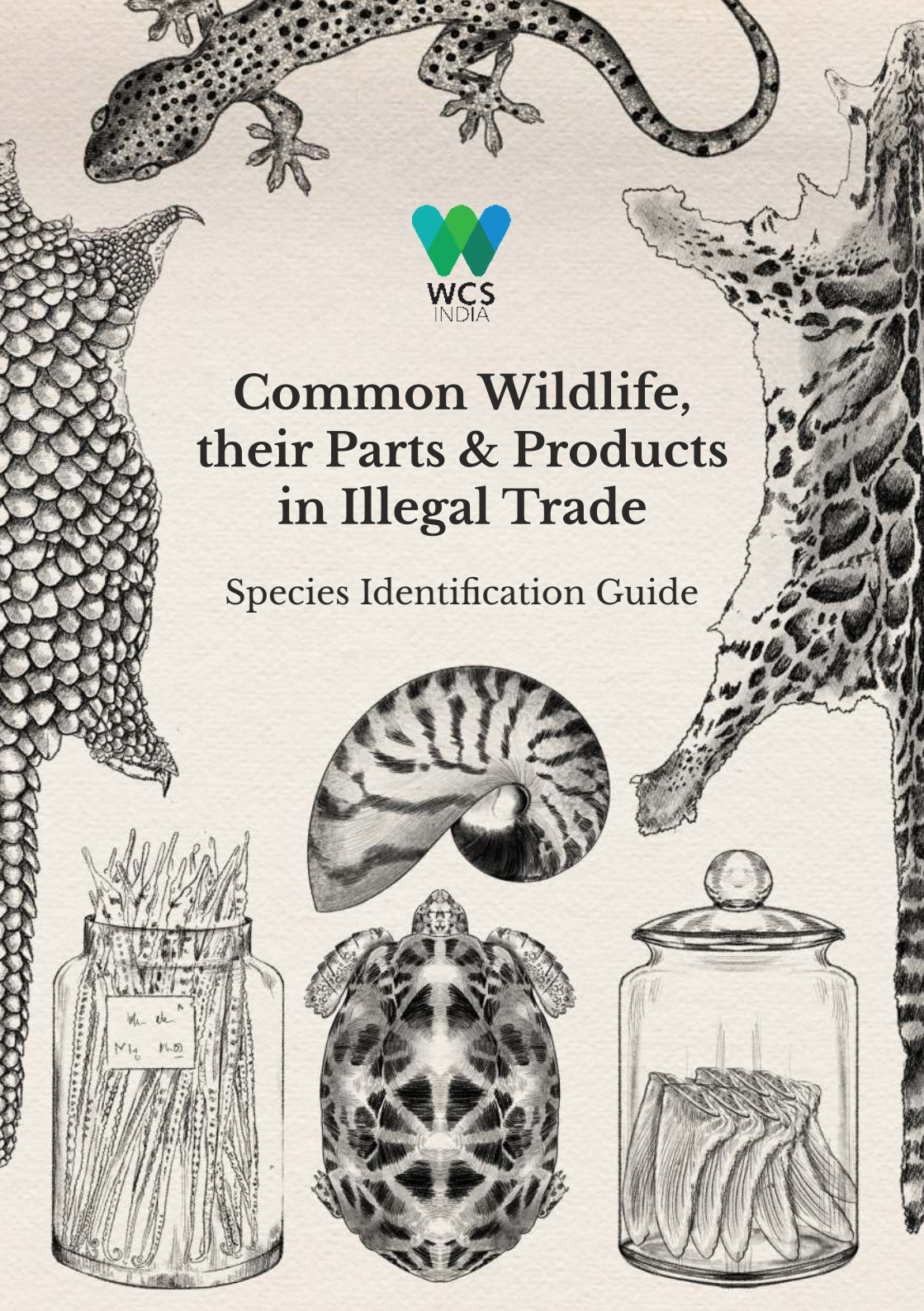




Common Wildlife, their Parts & Products in Illegal Trade

Species Identification Guide





This publication was funded by grants from the United States Department of State through the Wildlife Conservation Society. The opinions, findings and conclusions stated herein are those of the authors and do not necessarily reflect those of the United States Department of State or the Wildlife Conservation Society.



ABOUT THE CWT PROGRAM

WHO ARE WE

Wildlife Conservation Society-India's (WCS-India) Counter Wildlife Trafficking (CWT) programme aims to support government agencies by building and improving their access to information, skills, technology, and expert support to tackle wildlife crime in India.

Illegal wildlife trade is recognized as a serious transnational crime with an overall turnover of billions of dollars every year, requiring a coordinated effort by various enforcement agencies to tackle it effectively.

WHAT WE DO

We work with government agencies to reduce wildlife crime and dismantle wildlife trafficking networks in India by:

- Conducting capacity building workshops for officers on effective detection, investigation, and prosecution of wildlife
- Providing technical support to law enforcement officers in multiple aspects of wildlife crime
- Carrying out and disseminating research on wildlife crime to refine knowledge in this field

ABOUT IWT

Illegal wildlife trade is one of the largest forms of transnational organized crime today. In India, trade in over 1,800 species of wild animals, plants and their derivatives, is prohibited under the Wild Life (Protection) Act (WLPA), 1972.

ABOUT THIS HANDBOOK

This publication is a handbook. It is not an exhaustive guide to illegal wildlife in trade. It is meant to be a representative compilation of common species and their derivatives in illegal trade in India for use and reference by enforcement agencies in the field.

Note:

- a.** Images in this handbook are representative only and do not cover all species mentioned in WLPA, 1972.
- b.** Common names and scientific names are subject to change. It is advisable to include names and spellings as published in WLPA, 1972, as amended upto 2021.
- c.** Colors, patterns, shapes and derivative use of live animals/parts differ with treatment, storage and handling. Please refer to Subject Experts for confirmed identification of species in case of doubts.
- d.** All concealment techniques and misdeclaration practices are only examples recorded from various locations and are not an exhaustive list. A high degree of adaptability is exercised by traffickers.

Edition Year
2021

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Key to use the guide

Sch I	P I	(39)	CITES I
Schedule	Part	Entry	CITES Appendix
Wildlife (Protection) Act, 1972			These species are protected under the Customs Act, 1962

CR	Critically Endangered	Schedule I		
EN	Endangered	Schedule II		
VU	Vulnerable	Schedule III		
LC	Least Concern	Schedule IV		
		Schedule VI		

Color Code

Note : Offences against species under Schedule I and Schedule II Part II and those against species under all other schedules entail different punishments. Please refer to the Wild Life (Protection) Act, 1972 for further details.



Heat Test :

Pressing a heated pin will cause a fake wildlife product that is made of plastic such as imitation ivory or tiger claws to melt.



Smell Test :

Gently heating a fake wildlife product made of will give materials such a plastic will give off an inorganic smell, such as that of burning plastic.



DNA Analysis :

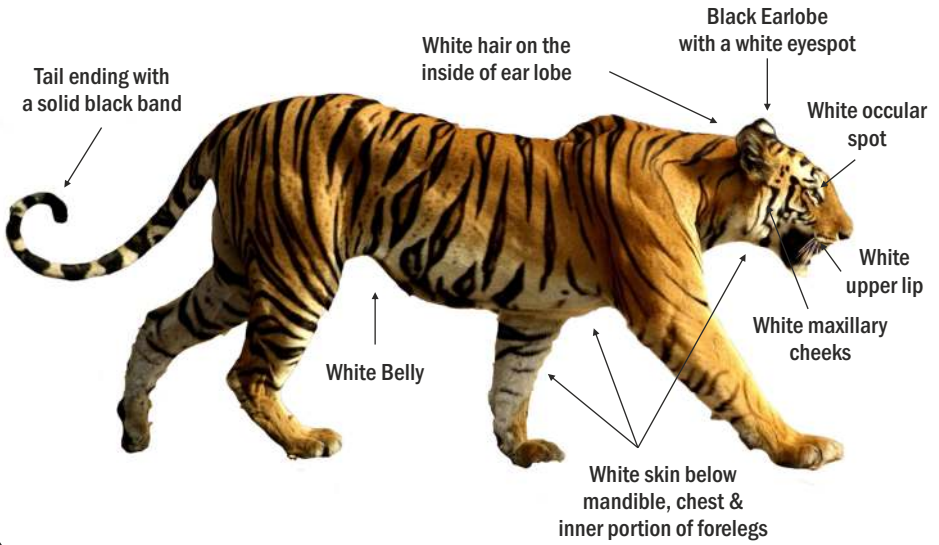
DNA analysis of a seized wildlife product is a definitive way verify it's authenticity. For this a sample of the product needs to sent to an authorized laboratory.

***All species names in this guide are according to the Wildlife (Protection) Act, as ammended upto 2021.**

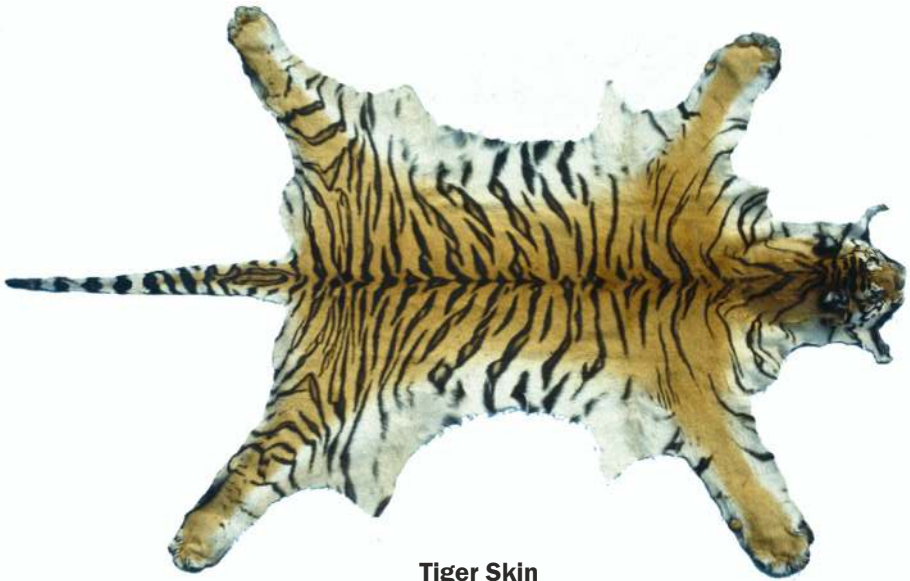
Tiger

Panthera tigris

Tiger Skin Identification



EN



Tiger Skin

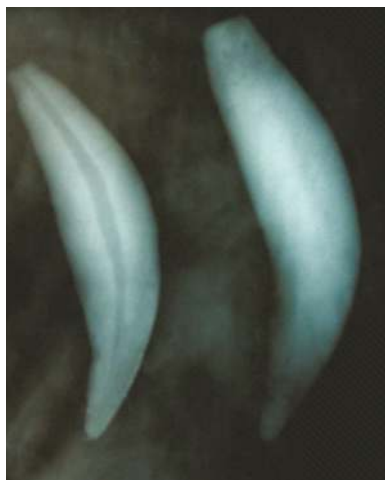
Sch I P I (39) CITES I

Tiger

Panthera tigris



Tiger Skull



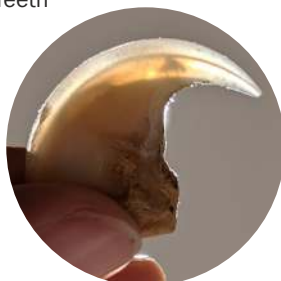
Tiger Canine Xray - Real and Fake



Tiger Canine and Teeth



Tiger Penis

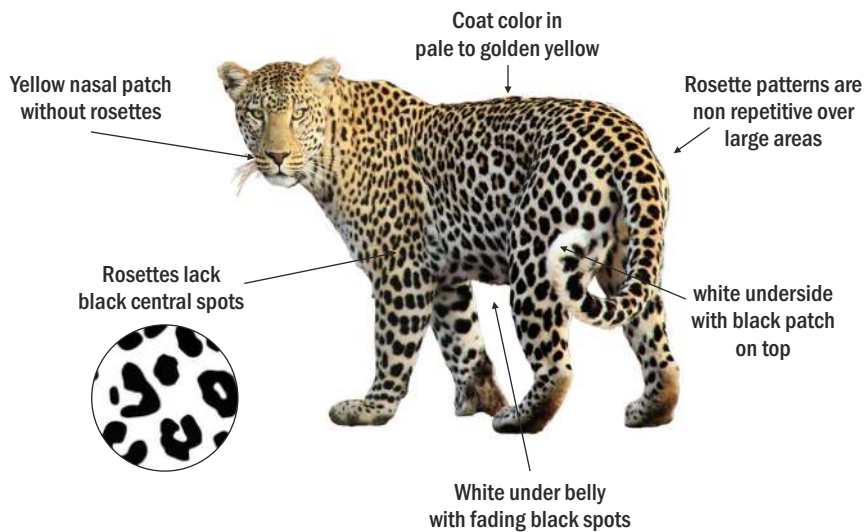


Tiger Claw

Sch I P I (39) CITES I

EN

Leopard Skin Identification



VU



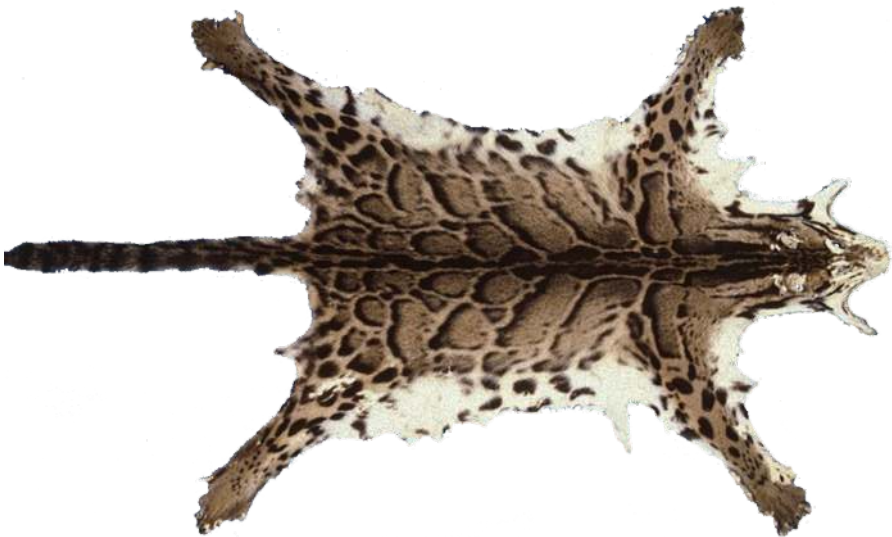
Leopard Skin

Clouded Leopard

Neofelis nebulosa



VU



Sch I P I (6) CITES I

Snow Leopard

Panthera uncia



VU



Sch I P I (33) CITES I

Marbled Cat

Felis marmorata



NT

Sch I P I (23) CITES I

Leopard Cat

Felis bengalensis



LC

Sch I P I (17) CITES I/II

Golden Cat

Felis temmincki

NT



Sch I P I (9) CITES I

Jungle Cat

Felis chaus

LC



Sch II P II (2-C) CITES II



Raw Hair & Brushes



Brushes

VU

Himalayan Black Bear

Ursus thibetanus



VU



Himalayan Black Bear Skin

Sch II P II (2-A) CITES I

Sloth Bear

Melursus ursinus



EN



Claw Neckless



Gall Bladder

Sch I PI (31-C) CITES I

Clawless Otter

Aonyx cinerea



VU



Smooth Coated Otter

Sch I PI (31-B) CITES I

Lesser or Red Panda

Ailurus fulgens



EN



Sch I P I (18) CITES I

Yellow-throated Marten

MARTENS

Sch II P II (2-E)

CITES III

Martes flavigula

LC



Sch II P II CITES III

Spotted Linsang

Prionodon pardicolor

LC



Sch I P I (34) CITES I

Palm Civet

Paradoxurus hermaphroditus

CIVETS

Sch II

P II

(1-A)

CITES III



LC

Sch II

P II

(1-A)

CITES III

Pangolin

Manis crassicaudata



EN



Pangolin Scale



Chinese Pangolin Live



Chinese Pangolin Skin

Sch I P I (5-A) CITES I

Himalayan Crestless Porcupine

Hystrix hodgsoni



LC

Sch II P I (11) not listed

Indian Porcupine

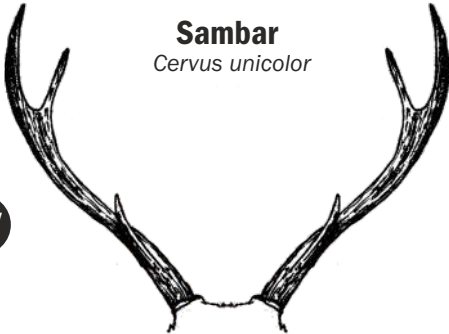
Hystrix indica



LC

Sch IV (4-E) not listed

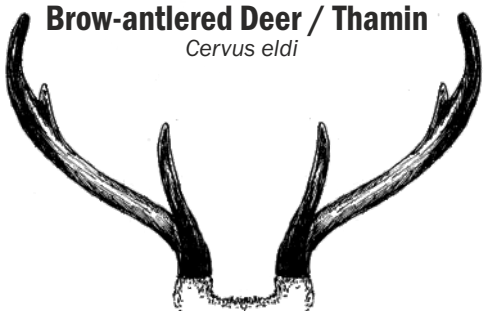
UV



Sambar
Cervus unicolor

Sch III (16) not listed

EN



Brow-antlered Deer / Thamin
Cervus eldi

Sch I PI (3) CITES I

LC



Chital
Axis axis

Sch III (5) not listed

LC

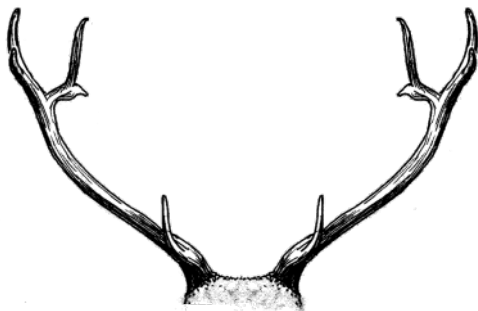


Kashmir Stag
Cervus elaphus hanglu

Sch I PI (16) CITES I

Swamp Deer/Barasingha

All subspecies of *Cervus duvauceli*



Sch I P I (35) CITES I

VU

Black Buck

Antelope cervicapra



LC

Chinkara or Indian Gazelle

Gazella gazella bennetti



Sch I P I (5-B) CITES III

LC

Sch I P I (2) Not Listed

Tibetan Gazelle

Procapra picticaudata



NT

Sch I P I (37) Not Listed

VU

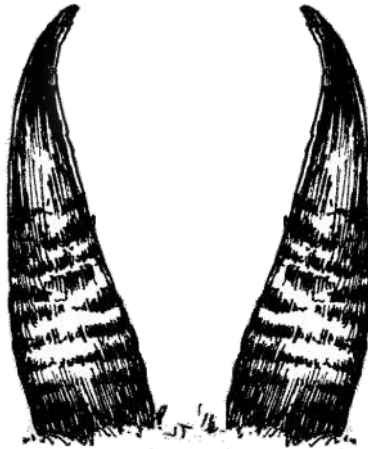
Barking Deer/ Muntjac
Muntiacus muntjak



Sch III (2) Not Listed

LC

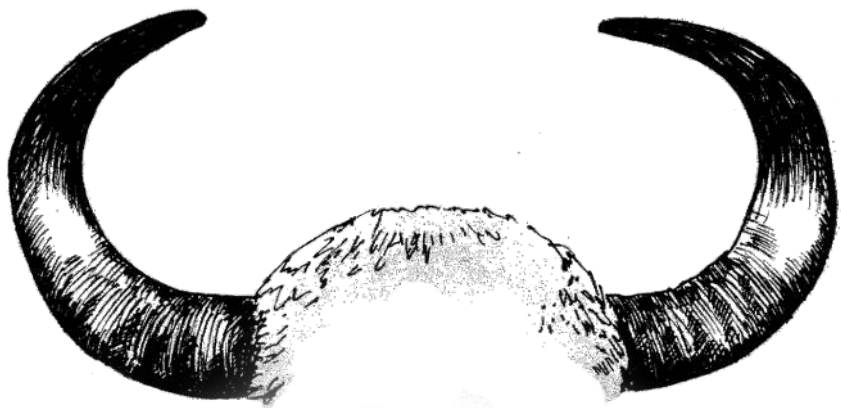
Serow
Capricornis sumatraensis



Sch I PI (31-A) CITES I

Gaur or Indian Bison

Bos gaurus

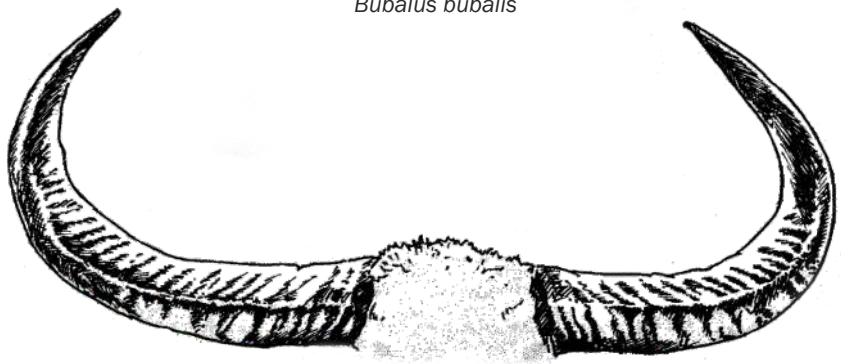


VU

Sch I P I (8-E) CITES I

Wild Buffalo

Bubalus bubalis



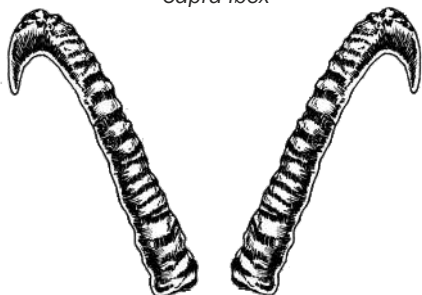
LC

Sch I P I (41) CITES I

NT

Himalayan Ibex

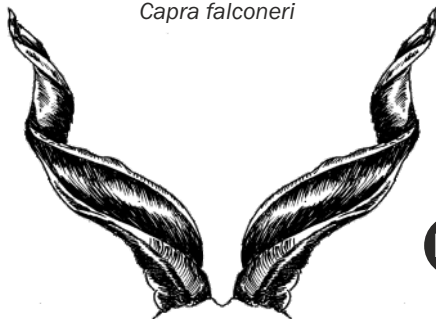
Capra ibex



Sch I P I (10-B) CITES III

Markhor

Capra falconeri



Sch I P I (24) CITES I

NT

LC

Bharal

Ovis nabhura

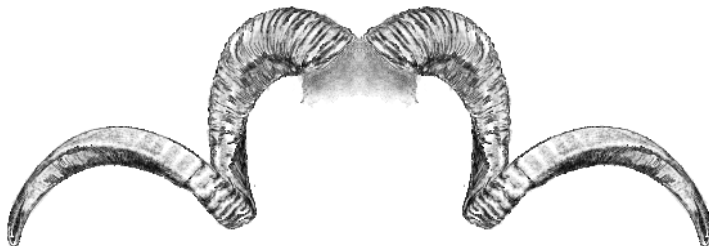


Sch I P I (1-A) CITES III

NT

Nyan/ Great Tibetan Sheep

Ovis ammon hodgsoni



Sch I P I (26) CITES I

[illegible]

Rhinoceros

Rhinoceros unicornis



VU

Real Rhino Horn



Real Rhino Horn Close-up



Real Rhino Horn base close-up

Sch I P I (30) CITES I

Rhinoceros

Rhinoceros unicornis

Real Indian Rhino Horn Base



Fake Rhino Horn Base



Fake Rhino Horn



Fake Rhino Horn

Sch I P I (30) CITES I

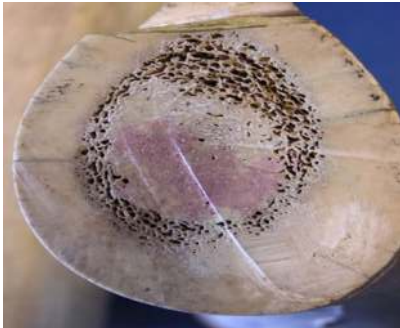
VU

Indian Elephant

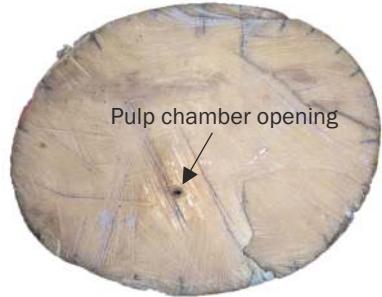
Elephas maximus



EN



Fake Ivory Bone Crosssection



Ivory Cross section



Elephant Ivory

Sch I P I (12-B) CITES I

Indian Elephant

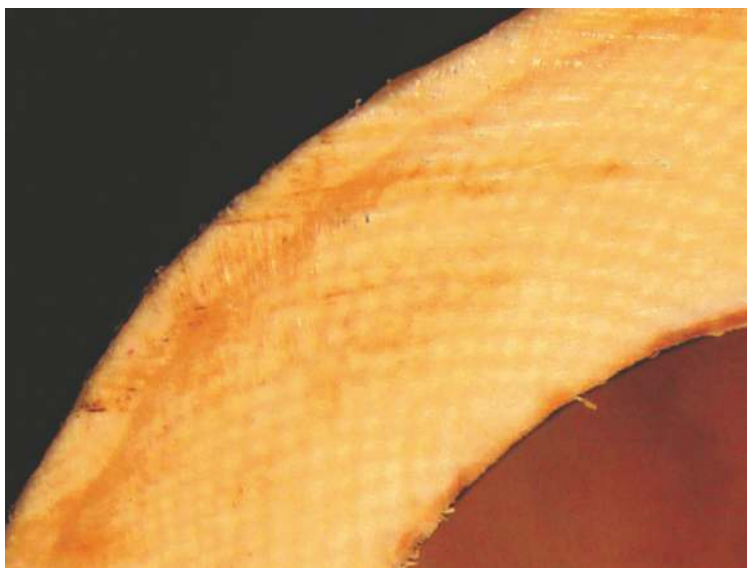
Elephas maximus



Ivory Dentine Region



Ivory Pulp Cavity Base



Close-up view under microscope or high powered magnifying glass



Sch I PI (12-B) CITES I

Ivory Artifact

EN

Musk Deer

Moschus moschiferus



Fake Musk Pods



Real Musk Pod

Sch I P I (25) CITES II

Slow Loris*Nyeticebus coucang*

Sch I P I (32) CITES I

Loris*Loris tardigradus*

Sch I P I (20) CITES II

Binturong

Arctictis binturong



Sch I P I (1-B) CITES III

Common Fox

Vulpes bengalensis



Sch II P I (1-B) CITES III

Jackal

Canis aureus



Sch II P I (2-B) CITES III

Great Indian Hornbill

HORNBILLS

Sch I P III (4-C) CITES I/II

Buceros bicornis

VU



Hornbill Casque

Sch I P III (4) CITES I

Peafowl

Pavo cristatus



LC

Identifying naturally shed peacock feathers:

Naturally shed peacock feathers can be distinguished from the ones that are plucked by examining the base of the feathers.

Naturally shed feathers have an empty feather core at the end.

Plucked feathers will generally have solid feather core and tissues at the end (sometimes with dried blood stains).

Note: Although trade in naturally shed peacock feathers is legal (unless they are collected from protected areas), however, hunting or trapping or plucking feathers from a live or dead peacock is a punishable offence.



Peacock Feather Plucked

Sch I P III (11) CITES III

Rose Ringed Parakeet

PARAKEETS Sch IV (50) CITES II

Psittacula krameri

LC



Sch IV NC

Alexandrine Parakeet

Psittacula eupatria

NT



Sch IV CITES II

Slaty-headed Parakeet

Psittacula himalayana



LC

Sch IV CITES II

Barn Owl

Tyto alba

OWLS Sch IV (48)



LC

Sch IV CITES II

Indian Eagle Owl

Bubo bengalensis

LC



Sch IV NC

Spotted Owlet

Athene brama

LC



Sch IV CITES II

Red Avadavat*Amandava amandava*

Sch IV CITES II

LC

Scaly-breasted Munia*Lonchura punctulata*

Sch IV CITES II

LC

Tricoloured Munia

Lonchura malacca

LC



Sch IV NC

Hill Myna

Gracula religiosa ssp.

LC



Sch IV CITES II

Brahminy Starling*Sturnia pagodarum*

LC

Sch IV CITES II

Red-vented Bulbul*Pycnonotus cafer*

LC

Sch IV CITES II

Shikra*Accipiter badius*

LC



Sch IV NC

Indian Roofed Turtle

Kachuga tecta tecta



Sch I P I (9) CITES I

Indian Tent Turtle

Kachuga tecta tecta



Sch I P II (9) CITES II

Eastern Hill Terrapin

Melanochelys tricarinata

EN



Sch I P II (1-F) CITES I

Spotted Black Terrapin

Geoclemys hamiltoni

EN



Sch I P II (14-C) CITES I

Indian Star Tortoise*Geochelone elegans*

Sch IV CITES I

VU

Indian Soft-shelled Turtle*Lissemys punctata punctata*

Sch I P II (8) CITES II

VU

Ganges Soft-shelled Turtle

Trionyx gangeticus

EN



Sch I P II (3) CITES I

Peacock-marked Soft-shelled Turtle

Trionyx hurum

EN



Sch I P II (14) CITES I

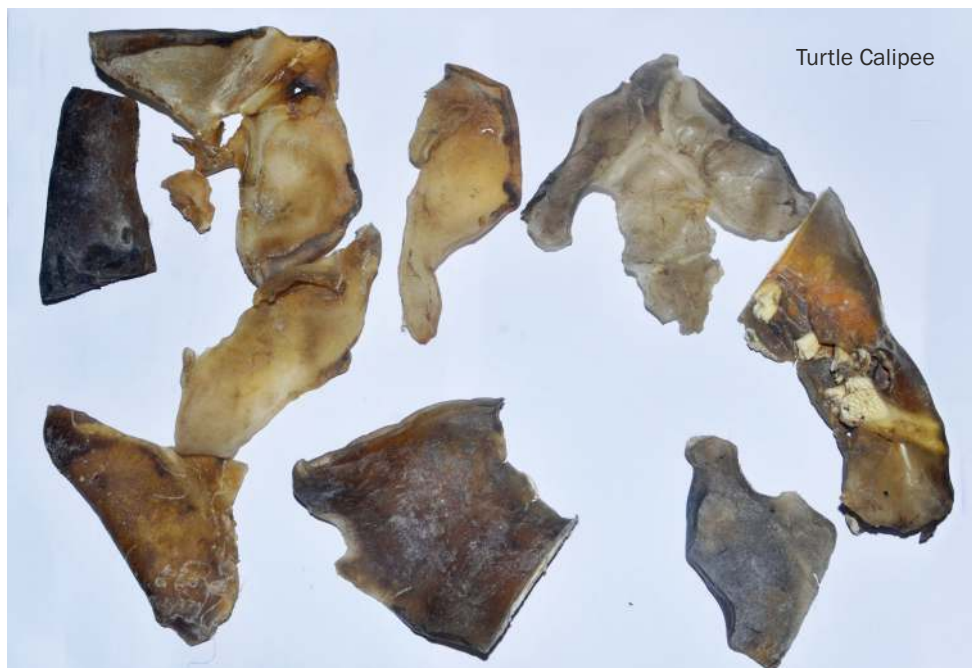
Narrow-headed Soft-shelled Turtle

Chitra indica



EN

Sch IV (15) CITES II



Turtle Calipee

Spiny-tailed Lizard or Sanda

Uromastyx hardwickii



Sch II P I (25) CITES II

Chameleon

Chameleon calcaratus



Sch II P I (24) CITES II

Tokay Gecko

Gekko gecko



LC

Sch IV (15-A) CITES II

Red Sand Boa

Eryx johnii (Family: Boidae)



Sch IV 12(iii) CITES II

Common Sand Boa

Eryx conicus (Family: Boidae)



Sch IV 12(iii) CITES II

Vine Snake

Ahaetulla sp. and *Proahaetulla* sp. (Family: Colubridae)



Sch IV 12(iv)

Ornamental Flying Snake

Chrysopelea ornata (Family: Colubridae)



Sch IV 12(iv)

Russel's Viper (Venomous)

VIPERS & PIT VIPERS

Sch IV 12(xiii)

Vipera russelli



Sch II P II (14) CITES III

Pit Vipers

(Family: Viperidae)

VIPERS & PIT VIPERS Sch IV 12(xiii)

Trimeresurus sp.



Sch IV (xiii)

Spectacled Cobra (Venomous)*Naja naja*

Sch II P II CITES II

Monocled Cobra (Venomous)*Naja kaouthia*

Sch II P II CITES II

Pythons

Python sp.



INDIAN ROCK PYTHON



BURMESE PYTHON

Sch I P II (14-A) CITES I/II



Venom



Snake Venom Dry



Snake Skin Bag

EN



Snake Skin Purse

Large Bengal Monitor Lizard

Varanus bengalensis



EN



Hatha Jodi (Hemipenis)



Fake Hatha Jodi

Crocodiles

All Indian Crocodilians [*Estuarine Crocodile (Crocodilus porosus)* and *Crocodilus. palustris*] & *Gharial (Gravialis gangeticus)*



Identifying real crocodile skin from fake

Look for the horned bumps: Horned bumps of crocodile dorsal skin are called osteoderms. Osteoderms are bony scutes embedded underneath the dermal layers of the skin acting as a protection of the crocodile.

In real skin pressing these bumps with one's thumb will not make these bumps go down due to the bony scute underneath the skin. In fake skin the bumpy areas can be pressed down easily.

Look for the tiny pores: If the belly side of the crocodile is used to make the product, check it minutely, for small dot-like spots in each of the belly scales. These spots can only be seen in crocodile belly skin.

Note gradual transition in scales: The transition of each scale is more gradual as the scales steadily become smaller and more rounded on a crocodile skin.

Common Marmoset*Callithrix jacchus***CITES II****Four-toed Hedge Hog***Atelerix albiventris*

Chimpanzee

Pan troglodytes



CITES I

EN

Black Handed / Agile Gibbon

Hylobates agilis



CITES I

EN

Tamarin Monkeys

Saguinus sp.



CITES I/II

Capuchin Monkeys

Cebus sp. and Sapajus sp.



CITES II

African Grey Parrot

Psittacus erithacus



EN

CITES I

Yellow Crested Cockatoo

Cacatua sulphurea



CR

CITES I

Hyacinth Macaw**Anodorhynchus hyacinthinus*

VU



CITES I

Eclectus Parrots**Eclectus sp.*

CITES II

Amazon Parrots

Amazona sp., Alipiopsitta sp.



?

CITES I/II

Black-capped Lory

Lorius lory



LC

CITES II

Keel-billed Toucan

Ramphastos sulfuratus

LC



CITES II

Common Snapping Turtle

Chelydra serpentina



LC

CITES III

African Spurred Tortoise

Centrochelys sulcata



EN

CITES II

Aldabra Giant Tortoise

Aldabrachelys gigantea

VU



CITES II

Red-eared Slider Turtle

Trachemys scripta elegans



This species is highly invasive. Never release into the wild.

Ball Python

Python regius



CITES II

LC

Green Iguana

Iguana iguana



CITES II

LC

Reef Building Corals

All Scleractinians

VS

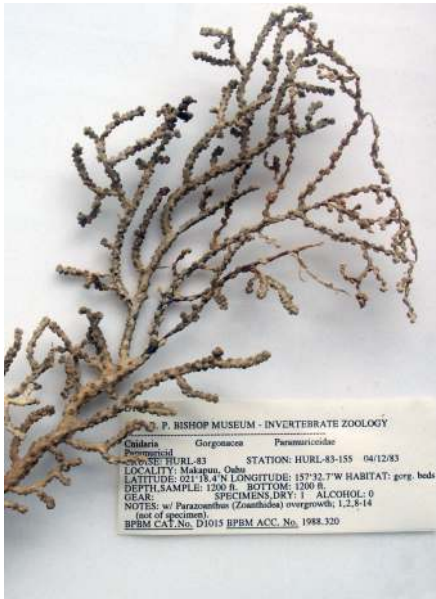


Sch I P IV (1) CITES II

Sea Fan

All Gorgonians

VS



P. BISHOP MUSEUM - INVERTEBRATE ZOOLOGY
Cnidaria Gorgonacea Paramuriceidae
Specimen: HURL-83 STATION: HURL-83-155 04/12/83
LOCALITY: Makapu, Oahu
LATITUDE: 021°18.4'N LONGITUDE: 157°32.7'W HABITAT: gorg. beds
DEPTH/SAMPLE: 1200 F. BOTTOM: 1200 F.
GEAR: SPECIMENS DRY: 1 ALCOHOL: 0
NOTES: w/ Parazoanthus (Zoanthidae) overgrowth, 1, 2, 8-14
last of specimen.
BPBM CAT. No. D1015 BPBM ACC. No. 1988.320



Sch I P IV (5) CITES ?

Sea Horse

All Sygnathidians



Sch I P I (39) CITES I

VU

Sea Cucumbers

All Holothurians



Dried Sea Cucumbers

Sch I P IV C (n/a) CITES ?

VU

Red Sandal Wood / Red Sanders

Pterocarpus santalinus



Agarwood

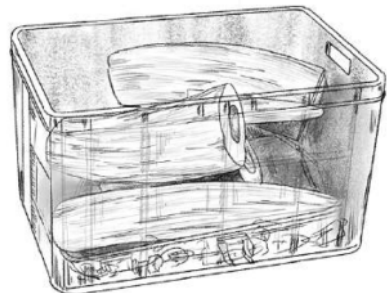
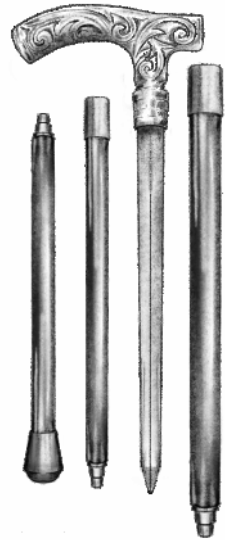
Aquilaria malaccensis



CONCEALMENT TECHNIQUES

IVORY

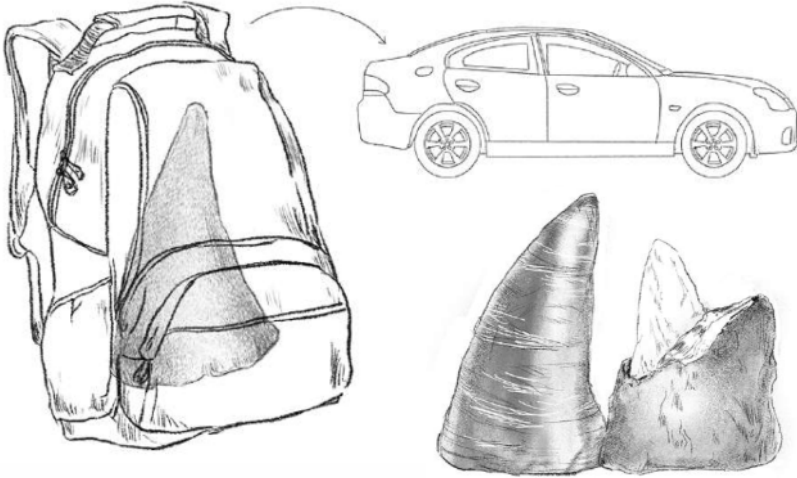
- Ivory stuffed into suitcases, in shipping containers, plastic crates, hidden under tea consignment.
- Mixing resins and sandstone in ivory and ivory articles.
- Elephant ivory displayed as fake ivory items to attract customers for the genuine items.
- Ivory carvings in the form of foldable walking sticks, whole carved tusks, ornamental objects etc.



CONCEALMENT TECHNIQUES

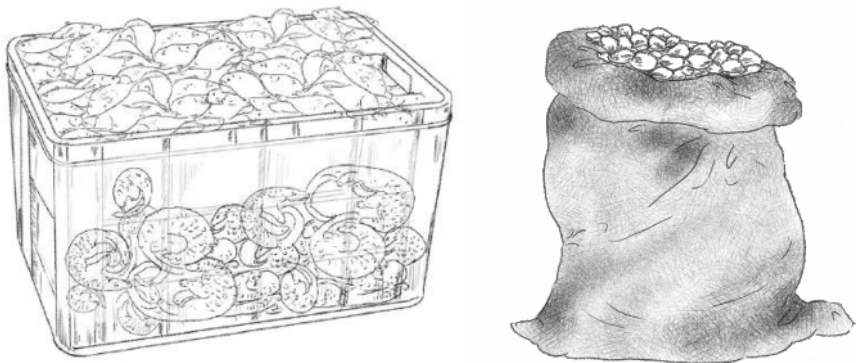
RHINO HORN

- Concealed in school bags in vehicles.
- Covered in materials such as Plaster of Paris and wrapped in plastic.



PANGOLIN

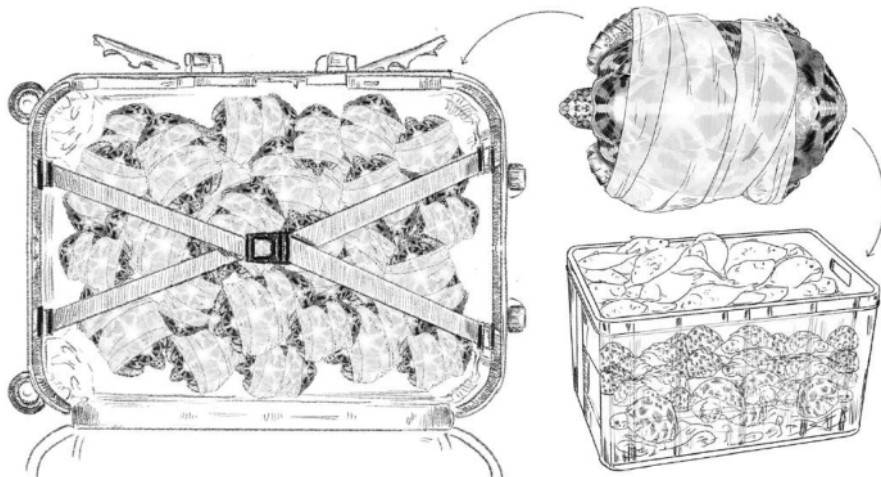
- Pangolin scales or full skins with scales attached stuffed into jute or plastic gunny bags and shopping bags.
- Frozen pangolins concealed in fish crates and shipping containers.



CONCEALMENT TECHNIQUES

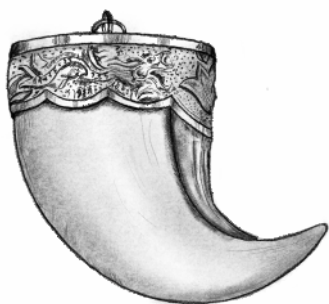
TURTLES AND TORTOISES

- Live turtles and tortoises often taped to restrict movement and concealment in numerous ways: check in baggage, boxes, fruit crates, cookies packets and wheat flour packets etc.
- Soft shell turtles concealed in gunny bags with vegetables in trucks.



BIG CATS

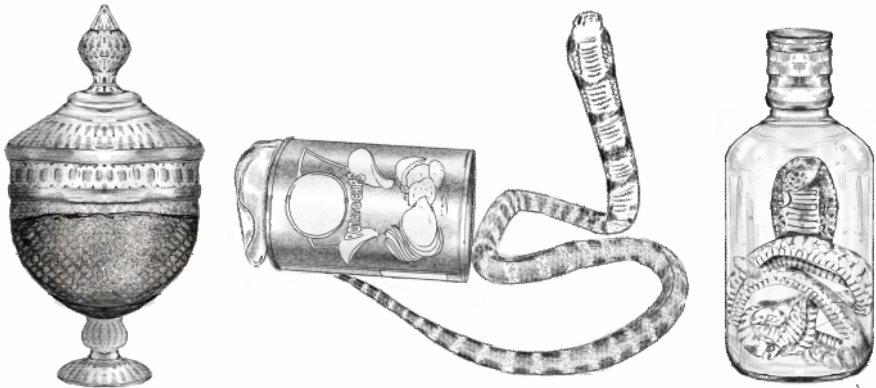
- Big cat teeth, claws as plastic/resin trinkets or pendants.
- Live cubs in disguise of kittens/domesticated cats
- Misdeclaration: tiger cub/lion cub as soft toy. sedated into suitcases



CONCEALMENT TECHNIQUES

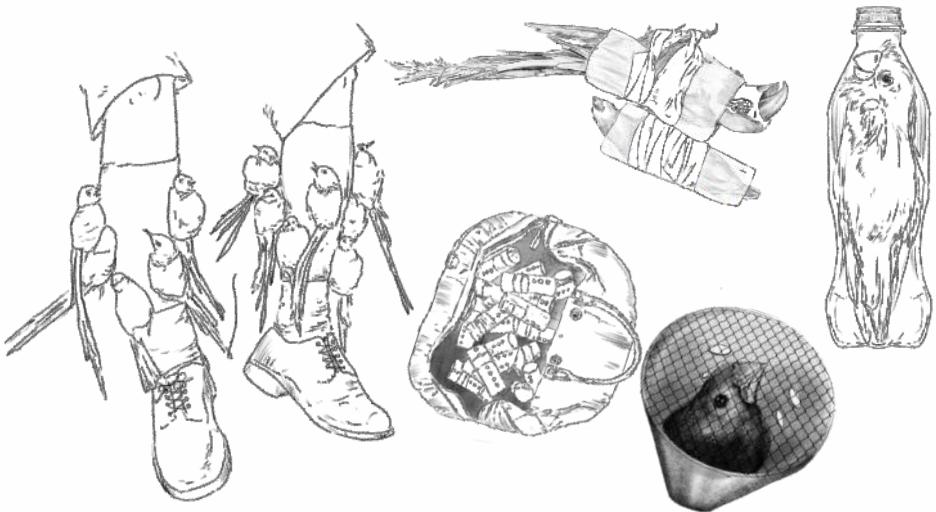
SNAKES: LIVE AND VENOM

- Snake venom in its dried, powdered form in glass jars or vials.
- Live snakes concealed in food tins and packets.



BIRDS

Live birds in pet trade-sedated and taped, stuffed into water bottles, plastic tubes, small song birds taped and attached to a persons legs, hidden under long trousers.



CONCEALMENT TECHNIQUES

LIVE ORANGUTAN

Live baby orangutan stuffed in a backpack carried as a carry-on on a flight.



SEA CUCUMBERS

Fresh and dry sea cucumbers hidden in plastic containers/vessels used for storing fish.

RED SANDERS

Red sanders concealed in the trunk of a car.



TOKAY GECKOS

Live Tokay geckos carried in plastic bags with holes made in them.

Consignments are often misdeclared at airports/seaports to avoid detection by the authorities

Some common concealment techniques:

- Frozen fish/container technique
- Metal foils (Tin/Aluminium)
- Timber/sawn timbers
- Logs (hollowed out and sealed with wax)
- Duct tape (turtles), socks, undergarments
- Suitcases
- Jute bags
- Rucksacks
- Online delivery carriers
- Vehicle dash box/boot, trunk/nylon bag, under floor mats

SAMPLE COLLECTION QUICK GUIDE

For Collection of Meat/Skin Piece



1. Take a screw cap vial (<100ml capacity).
2. Fill it halfway with Silica Gel & cover with filter paper or fill 2/3rd with 100% (absolute) Ethanol (Ethyl Alcohol).
3. Place piece of meat/skin in the vial & label with suspected species, place of collection and date.

For Collection of Blood Sample



1. Collect blood in a vacutainer tube and store at 4 °C.

2. Make a thick smear of blood on glass slide.



Sealing of Evidence



1. Place evidence in a cardboard box, wrap in a muslin/cotton cloth, stitch all sides and seal with hot wax (resin/lac) with official stamp of forwarding authority.
2. Label with signature of the veterinary doctor. Mention in the Search & Seizure Memo.

Key documents to be sent with samples are:

1. Copy of POR/FIR (for wildlife offence)
2. Copy of seizure memo (for wildlife offence)
3. Copy of panchnama (for wildlife offence)
4. Name of suspected species
5. Name of name preservative (ethanol or silica gel)
6. Image and of dead animal (if available).
7. Place of collection of the samples. Either GPS location or Village, District, State.

Send forensic samples to:

Zoological Survey of India

The Director
Zoological Survey of India
M-Block, New Alipore, Kolkata - 700053
West Bengal, India
Tel: 033 - 24008575

Centre for Cellular and Molecular Biology

In-charge, Laboratory for the Conservation of
Endangered Species (LaCONES)
Centre for Cellular and Molecular Biology
Pillar 162, PVNR Expressway, Attapur Ring Road,
Hyderguda, Hyderabad - 500048
Tel: 040-24006441/43/40

Trade & Hunting Offences under WLP, 1972

S. No	Section/ Offence	Prescribed Punishment	Appropriate Court
1.	Section 9 r/w 11 & 51- Hunting of animals in Schedule II Part I, Schedule III and IV	Upto 3 years punishment or fine upto Rs 25,000	JMFC
2.	Section 9 r/w 11 & 51- Hunting of animals in Schedule I and Schedule II Part II	First Conviction: Not less than 3 years and not more than 7 years imprisonment and fine not less than Rs 10,000 Second/subsequent offence: Not less than 3 years and not more than 7 years imprison- ment and fine not less than Rs 10,000	JMFC
3.	Section 9 r/w 11 & 51(1C) – Hunting animals in the tiger reserve	First Conviction: Not less than 3 years and upto 7 years imprisonment and a fine not less than Rs 50,000 and upto Rs 2 lakh. Second/subsequent conviction: Not less than 7 years imprison- ment and a fine not less than Rs 5 Lakh and upto Rs 50 lakh.	JMFC Sessions Court
	Section 27 - Restriction on entry into a Sanctuary	Imprisonment upto 3 years or fine upto Rs 25,000	JMFC
	Section 29 - Destruction, etc. in a sanctuary prohibited without permit		
4.	Section 31 - Prohibition of entry into a sanctuary with weapon Section 32 - Ban on use of injurious substances	Upto 3 years punishment or fine upto Rs 25,000 (In case Arms Act, 1959 is involved, the arms license is cancelled and the person cannot apply for a fresh license for 5 years.)	JMFC

Trade & Hunting Offences under WLPA, 1972

S. No	Section/ Offence	Prescribed Punishment	Appropriate Court
5.	Section 39 – Wild animals, etc. to be government property	In case of Schedule I & Schedule II Part II species, not less than 3 years and upto 7 years imprisonment and fine not less than Rs 10,000. In case of Schedule II Part II, Schedule III and IV species, not more than 3 years or fine upto Rs 25,000	JMFC
6.	Section 40 – Declarations Section 41 – Inquiry and preparation of inventories Section 42 – Certificate of ownership Section 44 – Dealings in trophy and animal articles without license prohibited Section 48 – Purchase of animal, etc. by licensee Section 48A – Restriction on transportation of wild life Section 49 – Purchase of captive animal, etc. by a person other than a licensee	In case of Schedule I & Schedule II Part II species, not less than 3 years and upto 7 years imprisonment and fine not less than Rs 10,000. In case of Schedule II Part II, Schedule III and IV species, not more than 3 years or fine upto Rs 25,000	JMFC
7.	Chapter VA - Prohibition of trade or commerce in trophies, animal articles, etc. derived from certain animals	Not less than 3 years imprisonment and upto 7 years and fine not less than Rs 10,000.	JMFC
8.	Section 52 – Attempts and abetment	Same punishment as the offence attempted or abetted.	---

Note: When a person commits an offence in relation to the core area of a tiger reserve or where the offence relate to hunting in the tiger reserve – First conviction is punishable with not less than 3 years upto 7 years imprisonment and also a fine not less than Rs 50,000 and not more than Rs 2 lakh. In case of repeat offenders, imprisonment for not less than 7 years and fine not less than 5 lakh rupees and not more than Rs 50 lakh.

Species List

Common name (WLPA) Scientific Name (WLPA)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
Tiger <i>Panthera tigris</i>	Tiger <i>Panthera tigris</i>	I P I	39	I
Leopard or Panther <i>Panthera pardus</i>	Leopard <i>Panthera pardus</i>	I P I	16-B	I
Clouded Leopard <i>Neofelis nebulosa</i>	Clouded Leopard <i>Neofelis nebulosa</i>	I P I	6	I
Snow Leopard <i>Panthera uncia</i>	Snow Leopard <i>Panthera uncia</i>	I P I	33	I
Marbled Cat <i>Felis marmorata</i>	Marbled Cat <i>Pardofelis marmorata</i>	I P I	23	I
Leopard Cat <i>Felis bengalensis</i>	Leopard Cat <i>Prionailurus bengalensis</i>	I P I	17	I/II
Golden Cat <i>Felis temminckii</i>	Asiatic Golden Cat <i>Catopuma temminckii</i>	I P I	9	I
Jungle Cat <i>Felis chaus</i>	Jungle Cat <i>Felis chaus</i>	II P II	2-C	II
Indian Grey Mongoose <i>Herpestes edwardsi</i>	Indian Grey Mongoose <i>Herpestes edwardsii</i>	II P II		III
Himalayan Black Bear <i>Selenarctos thibetanus</i>	Asiatic Black Bear <i>Ursus thibetanus</i>	II P II	2-A	I
Sloth Bear <i>Melursus ursinus</i>	Sloth Bear <i>Melursus ursinus</i>	I P I	31-C	I
Clawless Otter <i>Aonyx cinerea</i>	Asian Small-clawed Otter <i>Aonyx cinereus</i>	I P I	31-B	I
Lesser or Red Panda <i>Ailurus fulgens</i>	Red Panda <i>Ailurus fulgens</i>	I P I	18	I
Yellow-throated Marten <i>Martes flavigula</i>	Yellow-throated Marten <i>Martes flavigula</i>	II-P II		III
Spotted Linsang <i>Prionodon pardicolor</i>	Spotted Linsang <i>Prionodon pardicolor</i>	I P I	34	I
Palm Civet <i>Paradoxurus hermaphroditus</i>	Common Palm Civet <i>Paradoxurus hermaphroditus</i>	II P II		III

Species List

Common name (WLPA) Scientific Name (WLPA)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
Pangolin <i>Manis crassicaudata</i>	Indian Pangolin <i>Manis crassicaudata</i>	I P I	28	I
Pangolin <i>Manis crassicaudata</i>	Pangolin <i>Manis crassicaudata</i>	I P I	5-A	I
Himalayan Crestless Porcupine <i>Hystrix hodgsoni</i>	Malayan Porcupine <i>Hystrix brachyura</i>	II P I	11	not listed
Indian Porcupine <i>Hystrix indica</i>	Indian Crested Porcupine <i>Hystrix indica</i>	IV	4-E	not listed
Chital <i>Axis axis</i>	Chital <i>Axis axis</i>	III	5	not listed
Sambar <i>Cervus unicolor</i>	Sambar <i>Rusa unicolor</i>	III	16	not listed
Kashmir Stag <i>Cervus elaphus hanglu</i>	Tarim Red Deer <i>Cervus hanglu</i>	I P I	16	I
Brow-antlered Deer/Thamin <i>Cervus eldi</i>	Eld's Deer <i>Rucervus eldii</i>	I P I	3	I
Swamp Deer <i>All subspecies of Cervus duvauceli</i>	Barasingha <i>Rucervus duvaucelii</i>	I P I	35	I
Black Buck <i>Antelope cervicapra</i>	Blackbuck <i>Antelope cervicapra</i>	I P I	2	not listed
Chinkara or Indian Gazelle <i>Gazella gazella bennettii</i>	Chinkara <i>Gazella bennettii</i>	I P I	5-B	III
Tibetan Gazelle <i>Procapra picticaudata</i>	Tibetan Gazelle <i>Procapra picticaudata</i>	I P I	37	not listed
Barking Deer/ Muntjac <i>Muntiacus muntjak</i>	Southern Red Muntjac <i>Muntiacus muntjak</i>	III	2	not listed
Serow <i>Capricornis sumatraensis</i>	Mainland Serow <i>Capricornis sumatraensis</i>	I P I	31-A	I
Gaur or Indian Bison <i>Bos gaurus</i>	Gaur <i>Bos gaurus</i>	I P I	8-E	I
Wild Buffalo <i>Bubalus bubalis</i>	Wild Water Buffalo <i>Bubalus arnee</i>	I P I	41	III

Species List

Common name (WLPA) Scientific Name (WLPA)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
Himalayan Ibex <i>Capra ibex</i>	Siberian Ibex <i>Capra sibirica</i>	I P I	10-B	III
Bharal <i>Ovis nahura</i>	Blue Sheep <i>Pseudois nayaur</i>	I P I	1-A	III
Markhor <i>Capra falconeri</i>	Markhor <i>Capra falconeri</i>	I P I	24	I
Nyan/ Great Tibetan Sheep <i>Ovis ammon hodgsoni</i>	Argali <i>Ovis ammon</i>	I P I	26	I
Hog Deer <i>Axis porcinus</i>	Hog Deer <i>Axis porcinus</i>	I P I	44	I
Rhinoceros <i>Rhinoceros unicornis</i>	Greater One-horned Rhino <i>Rhinoceros unicornis</i>	I P I	30	I
Indian Elephant <i>Elephas maximus</i>	Asian Elephant <i>Elephas maximus</i>	I P I	12-B	I
Himalayan/Kashmir Musk Deer <i>Moschus moschiferus</i>	Himalayan/Kashmir Musk Deer <i>Moschus leucogaster & Moschus cupreus</i>	I P I	25	II
Slow Loris <i>Nycticebus coucang</i>	Bengal Slow Loris <i>Nycticebus bengalensis</i>	I P I	32	I
Loris <i>Loris tardigradus</i>	Grey Slender Loris <i>Loris lydekkerianus</i>	I P I	20	II
Binturong <i>Arctictis binturong</i>	Binturong <i>Arctictis binturong</i>	I P I	1-B	III
Common Fox <i>Vulpes bengalensis</i>	Bengal Fox <i>Vulpes bengalensis</i>	II P II	1-B	III
Jackal <i>Canis aureus</i>	Golden Jackal <i>Canis aureus</i>	II P II	2-B	III
Hornbills <i>Ptilolaemus tickelli austeni, Aceros nipalensis, Rhyticeros undulatus ticehursti</i>		I P III	4-C	I / II
Great Indian Hornbill <i>Buceros bicornis</i>	Great Hornbill <i>Buceros bicornis</i>	I P III	4	I
Peafowl <i>Pavo cristatus</i>	Indian Peafowl <i>Pavo cristatus</i>	I P III	11	III

Species List

Common name (WLPA) Scientific Name (WLPA)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
Parakeets <i>Psittacidae</i>		IV	50	II
Rose Ringed Parakeet <i>Psittacula krameri</i>	Rose-ringed Parakeet <i>Alexandrinus krameri</i>	IV		NC
Alexandrine Parakeet <i>Psittacula eupatria</i>	Alexandrine Parakeet <i>Palaeornis eupatria</i>	IV		II
Slaty-headed Parakeet <i>Psittacula himalayana</i>	Slaty-headed Parakeet <i>Himalayapsitta himalayana</i>	IV		II
Owls <i>Strigidae</i>		IV	48	
Barn Owl <i>Tyto alba</i>	Common Barn Owl <i>Tyto alba</i>	IV		II
Indian Eagle Owl <i>Bubo bengalensis</i>	Rock Eagle-owl <i>Bubo bengalensis</i>	IV		Not listed
Spotted Owlet <i>Athene brama</i>	Spotted Owlet <i>Athene brama</i>	IV		II
Munias <i>Estrilidinae</i>		IV	44	not listed
Red Avadavat <i>Amandava amandava</i>	Red Avadavat <i>Amandava amandava</i>	IV		not listed
Scaly-breasted Munia <i>Lonchura punctulata</i>	Scaly-breasted Munia <i>Lonchura punctulata</i>	IV		Not listed
Tricoloured Munia <i>Lonchura malacca</i>	Tricoloured Munia <i>Lonchura malacca</i>	IV		Not listed
Mynas <i>Strunidae</i>		IV	45	
Hill Myna <i>Gracula religiosa ssp.</i>	Common Hill Myna <i>Gracula religiosa</i>	I P III	20	II
Starlings <i>Strunidae</i>		IV	64	not listed
Brahminy Starling <i>Sturnia pagodarum</i>	Brahminy Starling <i>Sturnia pagodarum</i>	IV		not listed

Species List

Common name (WLPA) Scientific Name (WLPA)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
Bulbuls <i>Pycnonotidae</i>		IV	8	not listed
Red-vented Bulbul <i>Pycnonotus cafer</i>	Red-vented Bulbul <i>Pycnonotus cafer</i>	IV		not listed
Falcons <i>Falconidae</i>		I / II		I / II
Shikra <i>Accipiter badius</i>	Shikra <i>Accipiter badius</i>	IV		II
Indian Roofed Turtle <i>Kachuga tecta tecta</i>	Indian Roofed Turtle <i>Pangshura tecta</i>	I P I	9	I
Indian Tent Turtle <i>Kachuga tecta tecta</i>	Indian Tent Turtle <i>Pangshura tentoria</i>	I P II	9	II
Eastern Hill Terrapin <i>Melanochelys tricarinata</i>	Tricarinate Hill Turtle <i>Melanochelys tricarinata</i>	I P II	1-F	I
Spotted Black Terrapin <i>Geoclemys hamiltoni</i>	Spotted Pond Turtle <i>Geoclemys hamiltonii</i>	I P II	14-C	I
Tortoise <i>Testudinidae, Tryonychidae</i>		IV	15	I/ II
Indian Star Tortoise <i>Geochelone elegans</i>	Indian Star Tortoise <i>Geochelone elegans</i>	IV		I
Indian Soft-shelled Turtle <i>Lissemys punctata punctata</i>	Indian Flapshell Turtle <i>Lissemys punctata ssp.</i>	I P II	8	II
Ganges Soft-shelled Turtle <i>Trionyx gangeticus</i>	Indian Softshell Turtle <i>Nilssonia gangetica</i>	I P II	3	I
Peacock-marked Soft-shelled Turtle <i>Trionyx hurum</i>	Indian Peacock Softshell Turtle <i>Nilssonia hurum</i>	I P II	14	I
Narrow-headed Soft-shelled Turtle (Family: Tryonychidae) <i>Chitra indica</i>	Indian Narrow-headed Softshell Turtle <i>Chitra indica</i>	IV	15	II
Spiny- tailed Lizard or Sanda <i>Uromastyx hardwickii</i>	Hardwick's spiny-tailed lizard <i>Saara hardwickii</i>	II P I	25	II

Species List

Common name (WLPA) Scientific Name (WLPA)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
Peacock-marked Soft-shelled Turtle <i>Trionyx hurum</i>	Indian Peacock Softshell Turtle <i>Nilssononia hurum</i>	I P II	14	II
Narrow-headed Soft-shelled Turtle (Family: Tryonychidae) <i>Chitra indica</i>	Indian Narrow-headed Softshell Turtle <i>Chitra indica</i>	IV	15	II
Spiny- tailed Lizard or Sanda <i>Uromastyx hardwickii</i>	Hardwick's spiny-tailed lizard <i>Saara hardwickii</i>	II P I	25	II
Chameleon <i>Chameleon calcaratus</i>	Asian Chameleon <i>Chamaeleo zeylanicus</i>	II P I	24	II
Tokay Gecko <i>Gekko gekko</i>	Tokay Gecko <i>Gekko gekko</i>	IV	15-A	II
Red Sand Boa (Family: Boidae) <i>Eryx johnii</i>	Red Sand Boa <i>Eryx johnii</i>	IV	12 (iii)	II
Common Sand Boa (Family: Boidae) <i>Eryx conicus</i>	Common Sand Boa <i>Eryx conicus</i>	IV	12 (iii)	not listed
Vine Snakes (Family: Colubridae) <i>Ahaetulla sp. and Proahaetulla sp.</i>		IV	12 (iv)	not listed
Ornamental Flying Snake (Family: Colubridae) <i>Chrysopelea ornata</i>	Ornamental Flying Snake <i>Chrysopelea ornata</i>	IV	12 (iv)	
Vipers and Pit Vipers <i>Viperidae</i>		IV	12 (xiii)	
Russel's Viper (Venomous) <i>Vipera russelli</i>	Russel's Viper <i>Daboia russelli</i>	II P II	14	III
Pit Vipers (Family: Viperidae) <i>Trimeresurus sp.</i>	n/a	IV	12 (xiii)	
Indian Cobras (All sub species within genus naja) <i>Naja sp.</i>		II P II	11	II
Spectacled Cobra (Venomous) <i>Naja naja</i>	Spectacled Cobra <i>Naja naja</i>	II P II		II

Species List

Common name (WLPa) Scientific Name (WLPa)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
Monocled Cobra (Venomous) <i>Naja kaouthia</i>	Monocled Cobra <i>Naja kaouthia</i>	II P II		II
Pythons <i>Python sp.</i>	Burmese Python, Indian Rock Python & Reticulated Python <i>Python bivittatus, P. molurus, Malayopython reticulatus</i>	I P II	14-A	I / II
Monitor Lizards (Agra Monitor Lizard, Yellow Monitor Lizard, Large Bengal Monitor Lizard, Water Lizard) <i>Varanus griseus, V. flavescens, V. bengalensis, V. salvator</i>		I P II	1, 1-C, 10, 17-A	I / II
Large Bengal Monitor Lizard <i>Varanus bengalensis</i>	Bengal Monitor <i>Varanus bengalensis</i>	I P II	10	
Crocodiles All Indian Crocodilians [Estuarine Crocodile (<i>Crocodilus porosus</i>) and <i>Crocodilus palustris</i>] & Gharial (<i>Gravialis gangeticus</i>)	Saltwater Crocodile, Mugger Crocodile, Gharial <i>Crocodylus porosus, Crocodylus palustris, Gavialis gangeticus</i>	I P II	1-D, 2	I
Exotics				
	Common Marmoset <i>Callithrix jacchus</i>			II
	Four-toed Hedgehog <i>Atelerix albiventris</i>			not listed
	Chimpanzee <i>Pan troglodytes</i>			I
	Agile Gibbon <i>Hylobates agilis</i>			I
	Tamarin Monkey <i>Saguinus sp.</i>			I / II
	Capuchin Monkeys <i>Cebus sp. and Sapajus sp.</i>			II

Species List

Common name (WLPA) Scientific Name (WLPA)	Common name (IUCN) Scientific Name (IUCN)	Schedule	Listing No.	CITES Appx.
	Grey Parrot <i>Psittacus erithacus</i>			I
	Yellow-crested Cockatoo <i>Cacatua sulphurea</i>			I
	Hyacinth Macaw <i>Anodorhynchus hyacinthinus</i>			I
	Eclectus Parrots <i>Eclectus ap.</i>			II
	Amazon Parrots <i>Amazona sp., Alipiopsitta sp</i>			I / II
	Black-capped Lory <i>Lorius lory</i>			II
	Keel-billed Toucan <i>Ramphastos sulfuratus</i>			II
	Snapping Turtle <i>Chelydra serpentina</i>			III
	African Spurred Tortoise <i>Centrochelys sulcata</i>			II
	Aldabra Giant Tortoise <i>Geochelone gigantea</i>			II
	Red-eared Slider Turtle <i>Trachemys scripta elegans</i>			not listed
	Ball Python <i>Python regius</i>			II
	Common Green Iguana <i>Iguana iguana</i>			II

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Wikimedia Commons, pg 2	Nabajit Barman, pg 11
Tiger Skin	Clawless Otter
Wikimedia Commons, pg 2	Wikimedia Commons, pg 12
Tiger Skull	Smooth Coated Otter Skin
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Tiger Canine X Ray	Lesser or Red Panda
WCS VietNam, pg 3	Wikimedia Commons, pg 13
Tiger Canine and Teeth	Red Panda Skin
Nabajit Barman, pg 3	Wikimedia Commons, pg 13
Tiger Penis	Yellow-throated Marten
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Tiger Claw	Spotted Linsang
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Leopard or Panther	Palm Civet
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Leopard Skin	Pangolin
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Clouded Leopard	Chinese Pangolin Live
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Clouded Leopard Skin	Pangolin Scale
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Snow Leopard	Chinese Pangolin Skin
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Snow Leopard Skin	Himalayan Crestless Porcupine
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Marbled Cat	Himalayan Crestless Porcupine Quills
Kashmira Kakati, pg 7	Anirban Chaudhuri, pg 17
Leopard Cat	Indian Porcupine
Anirban Chaudhuri, pg 7	Wikimedia Commons, pg 17
Golden Cat	Indian Porcupine Quills in box
Nandini Velho & Priya Singh, pg 8	Nabajit Barman, pg 17
Jungle Cat	Rhinoceros
Anirban Chaudhuri, pg 8	Anirban Chaudhuri, pg 24
Indian Grey Mongoose	Real Indian Rhino Horn
Anirban Chaudhuri, pg 9	Anirban Chaudhuri, pg 24
Mongoose Raw hair & Brush, Anirban Chaudhuri, pg 9	Real Rhino horn Close up
	Wildlife Crime Control Bureau, pg 24
Himalayan Black Bear	Real Indian Rhino horn base
Anirban Chaudhuri, pg 10	Anirban Chaudhuri, pg 25
Himalayan Black Bear Skin	Fake Rhino horn base
Wikimedia Commons, pg 10	Anirban Chaudhuri, pg 25
Sloth Bear	Fake Rhino horn (BOTH)
Anirban Chaudhuri, pg 11	Anirban Chaudhuri, pg 25
Bear Claw Necklace	Indian Elephant
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