

CHECKLIST OF
INDIAN UNGULATES

Class : MAMMALIA
Order : PERISSODACTYLA and ARTIODACTYLA

J.R.B. ALFRED
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सत्यमेव जयते

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INTRODUCTION

Mammalian fauna are found in diverse habitats ranging from the snowy Himalaya of Ladhak to the hot Thar Desert of Rajasthan as well as in the thick rain forests of north-east India. According to Wilson and Reeder (1993), there are 4629 mammalian species under 1135 genera, 136 families and 26 orders in the World whereas India comprises 401 species under 180 genera, 45 families and 13 orders which constitute about 8.6 percent of the global mammalian species (Alfred *et al.*, 2006a). Among the 13 orders in India, the order Perissodactyla (odd-toed ungulates) contain 3 species under 2 families of the 18 species under 3 families occurring worldwide and constituting 16.6 percent of global odd-toed ungulates. The order Artiodactyla (even-toed ungulates) is represented by 31 species under 5 families out of 220 species and 10 families of the World, which is about 14 percent of global even-toed ungulates.

With the exception of the Tapirs, all the existing odd-toed ungulates occur in the old world (Prater, 1980). These hoofed mammals belong to the order Perissodactyla while Oxen, Goats, Sheep, Deer, Pigs and Antelopes belong to the order Artiodactyla or even-toed ungulates. The family Bovidae of the order Artiodactyla is the largest family containing 19 species under 3 subfamilies, which includes all Goats, Sheep, Oxen, Gazelles and Antilopes.

Almost all the species of subfamily Caprinae, 3 species of subfamily Antilopinae, one species of family Cervinae and one species of family Moschidae are distributed in different hilly tract of north-eastern states, J & K, Uttar Pradesh, Sikkim, Tamil Nadu, Kerala, Himachal Pradesh, West Bengal in different altitude ranging from 800 m to 6500 m.

They are mainly confined to the temperate forests or the alpine-regions of Himalaya. The Urial, Wild Sheep is restricted to the barren sun-scorched hills of Sind, Buluchistan and Punjab (Prater, 1980).

The Nilgiri tahr, *Hemitragus hylocrius* is the largest and the only endemic wild Goat of India and is found in Nilgiri Hills, Eravikulam-Rajamalai, Eastern slope of Anaimalai Hills, Top Slip and Parambikulum, etc. (Chakraborty, 2000). The population of these mountain Goats is

greatly reduced due to habitat destructions, settlements, plantation, grazing, disease, hunting and poaching for illegal trade. Their flesh, skin, horn, body wool, skull mount, tail, fat, blood etc., are used for commercial purposes. Some of them hybridize with domestic Goats and suffer from contagious disease from domestic animals (Chakraborty, 1994). As a result, they have become threatened.

The subfamily Caprinae are the true Mountain Ungulates. The subfamily Antilopine possess some species like the Tibetan Antelope or Chiru (*Pantholops hodgsonii*) and the Tibetan Gazelle (*Procapra picticaudata*), the subfamily Cervinae which has the Kashmir Stag (*Cervus elaphus*), the family Moschidae having the Forest Musk Deer (*Moschus chrysogaster*) and the Alpine Musk Deer (*Moschus fuscus*), and finally the subfamily Bovinae with the Yak (*Bos grunniens*) may also be treated as Mountain Ungulates.

To have a comprehensive idea on the distribution, status, threats and trade of Indian ungulates (Odd-toed and Even-toed hoofed mammals), this checklist is prepared with illustration of each species. For further details Alfred *et al.* (2002, 2006b) and Wildlife Preservation (2006) can be seen.

Order PERISSODACTYLA

Blandford (1888-91), Prater (1980) and Walker *et al.* (1968) provided the general account of the Indian species. The genus *Rhinoceros* has been reviewed by Pocock (1945) and further studies on the taxonomy and skull structure of the family Rhinocerotidae were made by Groves (1967a) and Chakraborty (1972). Detailed taxonomic revision of Equidae alongwith distribution of the different species was also done by Groves (1986). Ellerman and Morrison-Scott (1951) and Groves and Mazak (1967), Grubb (in Wilson and Reeder, 1993) provided the list of the Indian species, their synonyms and distribution.

The order Perissodactyla represented in India by two families, two genera and three species.

Family EQUIDAE Gray, 1821

Genus *Equus* Linnaeus, 1758

1758. *Equus* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 73

Type specis : *Equus caballus* Linnaeus, 1758

The genus contains two Indian species :

1. *Equus onager*
2. *Equus kiang*.

1. *Equus onager* Boddaert, 1785
Indian Wild Ass, Kulan



Photo Courtesy : Biswajit Roy Chowdhury

1785. *Equus onager* Boddaert, *Elench. Anim.*, : 160.

Type locality : Near Caspian, Kasbin, North-west Iran.

Regional name : Hindi : Ghor Khar.

Distribution : India : Runn of Kutch (Gujarat).

Elsewhere : Russia, Ukraine, Iraq, Iran, Afghanistan, Pakistan, Turkmenia and Uzbekistan.

Indian subspecies : *khur*.

Synonyms : *bahram*, *blanfordi*, *dzigguetai*, *hamar*, *hemippus*, *indicus*, *khur*, *kulan*, *syriacus*.

Conservation Status : IWPA : Schedule I, Part I, RDB : VU; CITES : Appendix I, as *E. hemionus khur*.

Trade : Body parts *viz*; Skin and Meat.

Threat : Poaching, disease and competition with livestock.

Remarks : Ellerman and Morrison-Scott (1951) treated *onager* as a subspecies of *E. hemionus* Pallas. Groves and Mazak (1967), Groves (1986) and Schlawe (1986) included *onager* in *hemionus*. However, Bennett (1980) considered *onager* a distinct species.

2. *Equus kiang* Moorcroft, 1841 Kiang, Tibetan Wild Ass

1841. *Equus kiang* Moorcroft, *Travels in the Himalayan Provinces*, 1 : 312.

Type locality : Ladakh, Jammu and Kashmir, India.

Regional Name : Hindi : Ghor Khar.



Distribution : India : Jammu and Kashmir, Sikkim.

Elsewhere : China, Nepal and Tibet.

Indian subspecies : *kiang*.

Synonyms : *equioides*, *holdereri*, *nepalensis*, *polyodon*, *tafeli*.

Conservation Status : IWPA : Schedule I, Part I; RDB : VU; CITES

: Appendix II as *E. hemionus kiang*; CAMP : VU (Nationally), DD (Globally).

Trade : Body parts *viz*; Skin and Meat.

Threat : Poaching, habitat destruction and competition with livestock.

Remarks : Ellerman and Morison-Scott (1951) considered *kiang* as a subspecies of *E. hemionus* Pallas. Groves and Mazak (1967), Bennett (1980) separated *kiang* from *hemionus*. However, Schlawe (1986) regarded *kiang* as a subspecies of *hemionus*.

Family RHINOCEROTIDAE Gray, 1821

Genus *Rhinoceros* Linnaeus, 1758

1758. *Rhinoceros* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 56.

Type species : *Rhinoceros unicornis* Linnaeus, 1758.

The genus contain one Indian species

1. *Rhinoceros unicornis*.

3. *Rhinoceros unicornis* Linnaeus, 1758

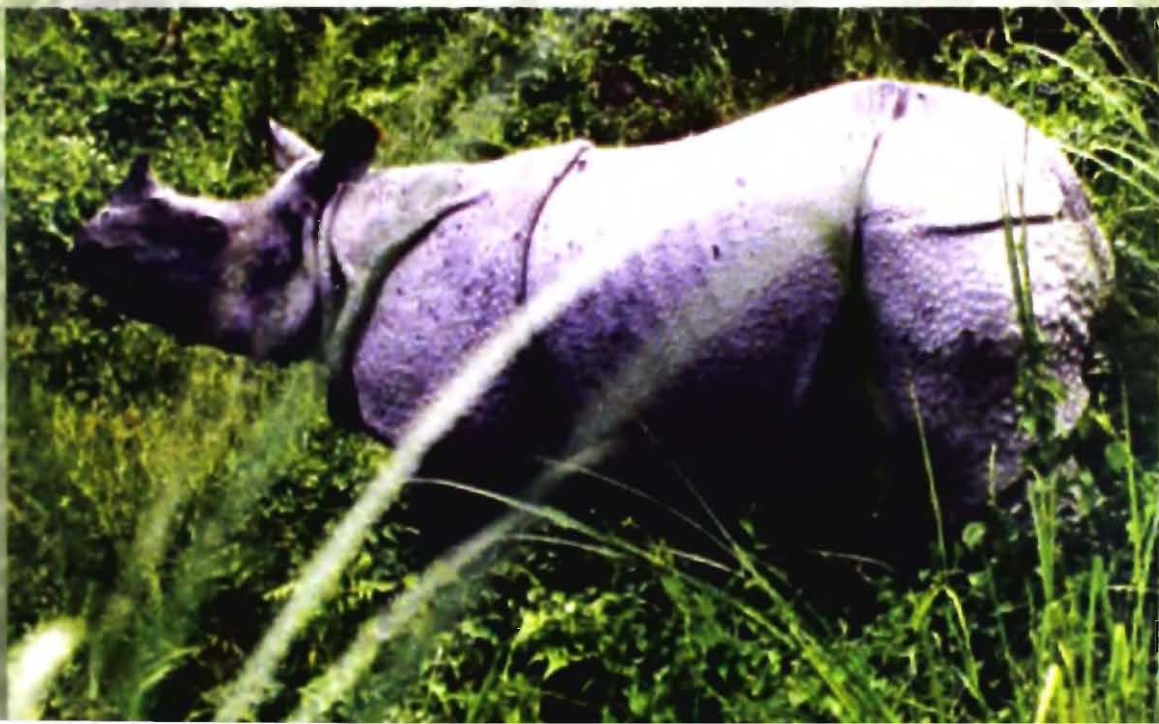
Indian Rhinoceros; Great One-horned Rhinoceros

1758. *Rhinoceros unicornis* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 56.

Type locality : Assam Terai, India.

Regional names : Hindi : Gainda, Gargadan; Bangla : Gondar.

Distribution : India : Assam, West Bengal, Uttar Pradesh, introduced in Dudhwa National Park.



Elsewhere : Cambodia, Indonesia, Laos, Myanmar, Nepal, Thailand and Vietnam.

Indian subspecies : None.

Synonyms : *asiaticus*, *indicus*, *jamrachii*, *stenocephalus*.

Conservation Status : IWPA : Schedule I, Part I; RDB : EN; CITES : Appendix I; CAMP : EN (Nationally), DD (Globally).

Trade : Body parts *viz*; horn, Skin and blood, urine etc. used as traditional medicine.

Threat : Habitat destruction and poaching

Remarks : Concise review of the species was done by Laurie *et al.*, (1983).

Order ARTIODACTYLA

Detailed account of taxonomy and distribution of Indian Artiodactyla are available in Blanford (1888-91), Lydekker (1898), Walker *et al.* (1968) and Prater (1980). Systematic list of the species of Artiodactyles, their distribution, synonyms and taxonomic aspects have been dealt by Ellerman and Morrison-Scott (1951), Corbet and Hill (1992) and Grubb (in Wilson and Reeder, 1993). Taxonomy of genera *Procapra*, *Moschus*, *Gazella*, *Antilope* and *Cervus* was discussed by Groves (1967b, 1969, 1976, 1981, 1982), while that of *Naemorhedus* by Groves and Grubb (1985).

The order Artiodactyla is represented in India by 31 species, 20 genera and five families, out of which one species is endemic.

Family SUIDAE Gray, 1821

Subfamily SUINAE Gray, 1821

Genus *Sus* Linnaeus, 1758

1758. *Sus* Linnaeus, *Syst Nat.*, 10th ed., 1 : 49.

Type species : *Sus scrofa* Linnaeus, 1758.

The genus contains two Indian species :

1. *Sus salvanius*.
2. *Sus scrofa*.

4. *Sus scrofa* Linnaeus, 1758 Wild Boar

1758. *Sus scrofa* Linnaeus, *Syst. Nat.* 10th ed., 1 : 49.

Type locality : Germany.

Regional names : Hindi : Suar, Barba, Bada Janwar, Bura Janwar;
Maratha : Ran Oukkar, Tamil : Punni; Kannada : Hundi; Malayalam :
Kartu Punni



Distribution : India : Throughout.

Elsewhere : Australia, China, Central and South America, Fiji Islands, Europe, Galapagos, Hawaii Islands, Indonesia, Lesser Sunde Islands, Mauritius, Moluca Islands, Norway, Numerous oceanic Islands, New Guinea, South Russia to Middle east, Sri Lanka, Sweden, South Africa, Solomon Islands, U.S.A., West Indies.

Indian subspecies : *cristatus*, *andamanensis*, *nicobaricus*.

Synonyms : *acrocranius*, *ajjinis*, *aipomus*, *algira*, *andamanensis*, *andersoni*, *aper*, *aruensis*, *attila*, *babi*, *baeticus*, *barbarus*, *bengalensis*, *canescens*, *castilianus*, *celtica*, *ceramensis*, *chirodontus*, *collinus*, *continentalis*, *coreanus*, *cristatus*, *curtidens*, *dauidi*, *dicrurus*, *enganus*, *europaeus*, *falzfeini*, *ferus*, *flavescens*, *floresianus*, *frontosus*, *gigas*, *goramensis*, *indicus*, *isonotus*, *japonica*, *jubatulus*, *jubatus*, *laticeps*, *leucomys tax*, *leucorhinus*, *libycus*, *majori*, *mandchuricus*, *mediterraneus*, *melas*, *meridionalis*, *mierodontus*, *milleri*, *moupinensis*, *naturensis*, *nicobaricus*, *niger*, *nigripes*, *nipponicus*, *oxyodontus*, *paluaosus*,

palustris, papuensis, peninsularis, planiceps, raddeanus, reiseri, rhionis, riukiuanus, sahariensis, sardous, scrofoides, sennaarensis, setosus, sibiricus, songaricus, spatharius, taininensis, taivanus ternatensis, tuancus, ussuricus, vittatus, zeylonensis.

Conservation Status : IWPA : Schedule I as *S. s. andamanensis*, others Schedule III; RDB : IK. as *S. s. andamanensis*; CAMP : LRlc (Nationally), DD (Globally).

Trade : Body parts *viz*; Meat.

Threat : Poaching and habit loss.

Remark : Nil.

5. *Sus salvanius* (Hodgson, 1847) Pygmy Hog

1847. *Porcula salvania* Hodgson, *J. Asiat. Soc. Bengal*, 16 : 423.

Type locality : Sikkim Terai, India.



Distribution : India : Assam, Sikkim Terai.

Elsewhere : Bhutan, Myanmar and Nepal

Indian subspecies : None.

Synonym : Nil.

Conservation Status : IWPA : Schedule I, Part I; RDB : EN; CITES : Appendix I; CAMP : CR (Nationally), DO (Globally).

Trade : Body parts *viz*; Meat.

Threat : Habitat loss and poaching.

Remark : Nil.

Family TRAGULIDAE Milne-Edwards, 1864

Genus *Moschiola* Hodgson, 1843

1843. *Moschiola* Hodgson, *Calcutta J. Nat. Hist.*, 4 : 292

Type species : *Tragulus mimenoides* Hodgson, 1842 (= *Moschus meminna* Erxleben, 1777).

Monotypic genus contain one species :

1. *Moschiola meminna*.

6. *Moschiola meminna* (Erxleben, 1777)

Indian Spotted Chevrotain, Tragulu, Mouse Deer

1777. *Moschus meminna* Erxleben, *Syst. Regn. Anim.*, 1 : 322.

Type locality : Sri Lanka.



Regional names : Hindi : Pisura, Pisora; Maratha : Pitori, Acheda; Kannada : Koor Andi, Kooray; Tamil : Sarugoo Marn, Kur, Kooran Panni.

Distribution : India : From Tamil Nadu to Madhya Pradesh

Elsewhere : Nepal and Sri Lanka.

Indian subspecies : None.

Synonyms : *indica*, *malaccensis*, *mimenoides*.

Conservation Status : CAMP : LRnt (Nationally), DD (Globally).

Trade : Body parts viz; Skin, Meat.

Threat : Habitat destruction & poaching.

Remark : Nil.

Family MOSCHIDAE Gray, 1821

Genus *Moschus* Linnaeus, 1758

1758. *Moschus* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 66.

Type species : *Moschus moschiferus* Linnaeus, 1758.

The genus contains two Indian species :

1. *Moschus chrysogaster*
2. *Moschus fuscus*.

7. *Moschus chrysogaster* Hodgson, 1839 Forest Musk Deer

1839. *Moschus chrysogaster* Hodgson, *J. Asiat. Soc. Bengal*, 8 : 203.

Type locality : Nepal (Probably Tibetan Plateau).

Common name : Hindi : Kastura, Mushk; Kashmiri : Roos, Rons.

Distribution : India : Kashmir, Himachal Pradesh, Sikkim and Uttar Pradesh

Elsewhere : Bhutan, Himalayas of North Afghanistan, North Pakistan, Nepal, Central Tibet to Central China.

Indian subspecies : None.

Synonyms : *cupreus*, *leucogaster*, *sifanicus*.

Conservation Status : IWPA : Schedule I, Part I; RDB : VU;

CITES : As *M. moschiferus* Appendix I; CAMP : CR (Nationally), DD (Globally).

Trade : Body parts viz; musk gland, Skin.



Threat : Poaching and habitat loss.

Remarks : Ellerman and Morrison-Scott (1951) considered it as a synonym of *M. moschiferus* Linnaeus. Groves (1976) treated it as a well-defined species.

8. *Moschus fuscus* Li, 1981 Alpine Musk Deer

1981. *Moschus fuscus* Li, *Zool. Res.* 2 : 159.



Type locality : Bapo, 3,500 m., Gongshan-Xian, Yunnan, China.

Regional names : Hindi : Kastura.

Distribution : India : Assam and Sikkim

Elsewhere : Bhutan, China, Myanmar, Nepal and Tibet.

Indian subspecies : None.

Synonym : Nil.

Conservation Status : IOWA : Schedule I, Part I; CITES : Appendix I, as *M moschiferus*.

Remarks : *fuscus* was treated as a subspecies of *M chrysogaster* by Gao (1985).

Family CERVIDAE Goldfuss, 1820

Subfamily CERVINAE Goldfuss, 1820

Genus *Axis* H. Smith, 1827

1827. *Axis* H. Smith, In. Griffith et al., *Anim. Kingdom*, 5 : 312.

Type species : *Cervus axis* Erxleben, 1777.

The genus contains two Indian species :

1. *Axis axis*
2. *Axis porcinus*.

9. *Axis axis* (Erxleben, 1777) Spotted Deer, Axis Deer

1777. *Cervus axis* Erxleben, *Syst. Regn. Anim.*, 1 : 312.

Type locality : Bank of the Ganges, Bihar, India.



Photo Courtesy : S. K. Tiwari

Regional names : Hindi : Chital, Chitra, Jhank; Maratha : Chital; Tamil and Malayalam : Pooli Marn; Kannada : Saranga Jinke.

Distribution : India : Peninsular India, northwards to Kumaon and Sikkim including West Bengal, Andaman (introduced).

Elsewhere : Nepal, Sri Lanka, Introduced in many parts of the world.

Indian subspecies : *axis*.

Synonyms : *ceylonensis*, *indicus*, *maculatus*, *major*, *minor*, *nudipalpebra*.

Conservation Status : IWPA : Schedule IV; CAMP : LRIc(Nationally), DD (Globally).

Trade : Body parts viz; Skin, Antler and Meat.

Threat : Poaching.

Remark : Nil.

10. *Axis porcinus* (Zimmermann, 1780)
Hog Deer

1780. *Cervus porcinus* Zimmermann, *Geogr. Gesch. Mensch. Vier! Thiere.* 2 : 131.

Type locality : Bengal, India.

Regional names : Hindi : Para.



Distribution : India : Assam, Himachal Pradesh, North eastern States, Punjab, Uttar Pradesh and West Bengal.

Elsewhere : Indo-China, Myanmar, Nepal, Pakistan, Siam, Sri Lanka and Thailand.

Indian subspecies : *porcinus*.

Synonyms : *annamiticus*, *hecki*, *oryzus*, *pumilio*.

Conservation Status : IWPA : Schedule III; CAMP : LRnt (Nationally), DO (Globally).

Trade : Body parts *viz*; Skin and Meat

Threat : Poaching, habitat loss.

Remark : Nil.

Genus *Cervus* Linnaeus, 1758

1758. *Cervus* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 66.

Type species : *Cervus elaphus* Linnaeus, 1758.

The genus contains four Indian species :

1. *Cervus duvaucelii*

2. *Cervus elaphus*
3. *Cervus eldii*
4. *Cervus unicolor*.

11. *Cervus duvaucelii* Cuvier, 1823 Swamp Deer

1823. *Cervus duvaucelii* Cuvier, *Rech. Oss. Foss. Nouv. ed.*, 4 : 505.

Type locality : Northern India.

Regional names : Hindi : Barasingha, Maha; Terai : Gond, Gonr, Ghos; Cent. India : Goinjak (Male), Gaoni (Female), Sal Samar, Nerwari.

Distribution : India : North of Ganges from Uttar Pradesh to Assam and South of Ganges principally in Madhya Pradesh.

Elsewhere : Nepal.

Indian subspecies : *branderi*, *duvaucelii*, *ranjitsinhi*.

Synonyms : *bahrainja*, *branderi*, *diamorphe*, *elaphoides*, *euceros*, *eucladoceros*, *ranjitsinhi*, *smithi*.

Conservation Status : IOWA : Schedule I, Part I; RDB : VU; CITES : Appendix I; CAMP : EN (Nationally), DO (Globally).

Trade : Body parts *viz*; Antler, Skin.

Threat : Poaching, cattle grazing and habitat loss.

Remark : Nil.



12. *Cervus unicolor* Kerr, 1792 Sambar

1792. *Cervus unicolor* Kerr., In. Linnaeus, *Anim. Kingdom*, : 300.

Type locality : Sri Lanka.

Regional names : Hindi : Sambhar, Samar; Maratha : Sambar; Tamil : Kudoo, Marn; Malayalam : Kullay Marn; Kanda : Kudawe, Kuddamana.



Distribution : India : Tamil Nadu, northwards to Uttar Pradesh, east to Northeastern States.

Elsewhere : Australia, China, Indonesia, Malaysia, Myanmar, Taiwan, Sri Lanka.

Indian subspecies : *equinus*, *niger*.

Synonyms : *albicornis*, *aristotelis*, *brachyrhinus*, *brookei*, *cambojensis*, *colombertinus*, *combalbertinus*, *curvicornis*, *dejeani*, *equinus*, *err!irdianus*, *hainana*, *hamiltonianus*, *heterocerus*, *jarai*, *joubertianus*, *latidens*, *lemeanus*, *leschenaulti*, *lignarius*, *longicornis*, *major*, *malaccensis*, *nepalensis*, *niger*, *oceanus*, *officialis*, *outrayanus*, *pennantii*, *planiceps*, *planidens*, *simoninus*, *swinhoii*, *verutus*.

Conservation Status : IWPA : Schedule III; CAMP : LRlc (Nationally), DO (Globally).

Trade : Body parts *viz*; Antler, Skin.

Threat : Poaching.

Remarks : Nil.



13. *Cervus eldii* McClelland, 1842 Eld's Deer, Brow-antlered Deer

1842. *Cervus eldii* McClelland, *Calcutta J. Nat. Hist.*, 2 : 417.

Type locality : Manipur, India.

Common names : Hindi : Thamin; Manipuri : Sangai.

Distribution : India : Manipur.



Elsewhere : Cambodia, China, Laos, Myanmar, Thailand, Vietnam. Their number has reduced at many places and are presumed extinct in several of the above localities.

Indian subspecies : *eldii*.

Synonyms : *acuticauda*, *acuticornis*, *brucei*, *cornipes*, *frontalis*, *hainanus*, *lyratus*, *platyceros*, *siamensis*, *thamin*.

Conservation Status : IWPA : Schedule I, Part I; RDB : CR; CITES : Appendix I; CAMP : CR as *C. e. eldii*

Trade : Body parts *viz*; Antler, Skin.

Trade : Cattle grazing, habitat loss poaching and inbreeding.

Remark : Nil.

14. *Cervus elaphus* Linnaeus, 1758 Kashmir Stag

1758. *Cervus elaphus* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 67.

Type locality : Southern Sweden.

Regional names : Hindi : Hangul, Kashmir Barasingha; Kashmiri : Honglu (Male), Minyamar (Female).

Distribution : India : Jammu & Kashmir.

Elsewhere : Afghanistan, Algeria, Argentina, Australia, Central Asia,

Chile, China, Europe east to Crimea and Caucasus, Corsica and Sardinia, Iran, Mongolia, Morocco, North America, New Zealand, Russia Turkistan east to Siberia, Usuru region, Turkey, U.S.A.

Indian subspecies : hanglu.

Synonyms : affinis, alashanicus, albicus, albifrons, albus, asiaticus, atlanticus, bactrianus, baicalensis, bajovaricus, balticus, barbarus, bedfordianus, biedermanni, bolivari, brauneri, campestris, ca~adensis, carpathicus, cashmeriensis, casperianus, caspius, caucasicus, corsicanus, debilis, eustephanus, germanicus, hanglu, hagenbecki, hippelaphus, hispanicus, isubra, kansuensis, luedorji, macneilli, major, manitobensis, maral, mediterraneus, merriami, minor, montanus, nann odes, naryanus, neglectus, nelsoni, occidentalis, rhenanus, roosevelti, saxonicus, scoticus, sibiricus, songaricus, tauricus, tibetanus, ussuricus, varius, visurgensis, vulgaris, wachei, wallichi, wapiti, wardi, xanthopygus, yarkandensis.

Conservation Status : IWPA : Schedule I, Part I; RDB : EN; CITES : Appendix I; CAMP : CR (Nationally), DO (Globally).

Trade : Body parts viz; Antler, Skin.

Threat : Poaching, habitat loss.

Remark : Nil.



Photo Courtesy : Biswajit Roy Chowdhury

Cervus elaphus Linnaeus, 1758

Subfamily MUNTIACINAE Pocock, 1923

Genus *Muntiacus* Rafinesque, 1815

1815. *Muntiacus* Rafinesque, *Analyse de la Nature*, : 56.

Type species : *Cervus muntjak* Zimmermann, 1780.

The genus contain one Indian species :

1. *Muntiacus muntjak*.

15. *Muntiacus muntjak* (Zimmermann, 1780)
Indian Muntjak, Barking Deer, Rib-faced Deer

1780. *Cervus muntjak* Zimmermann, *Geogr. Gesch. Mensch. Vier! Thiere*, 2 : 131.

Type locality : Java, Indonesia.

Regional names : Hindi : Kakar; Maratha : Bhekad; Tamil : Kart Ardu; Kannada : Kard Koorie.

Photo Courtesy : Biswajit Roy Chowdhury



Distribution : India : Almost throughout the country except Jammu & Kashmir and desert region.

Elsewhere : Bangladesh, Bhutan, China, Indo-china, Indonesia, Malaysia, Nepal, Pakistan and Sri Lanka.

Indian subspecies : *aureus*, *malabaricus*, *vaginalis*.

Synonyms : *albipes*, *annamensis*, *aureus*, *bancanus*, *curvostylis*, *grandicornis*, *malabaricus*, *melas*, *menglalis*, *montanus*, *moschatus*, *nainggolani*, *nigripes*, *peninsulae*, *pleiharicus*, *ratwa*, *robinsoni*, *rubidus*, *styloceros*, *subcornutus*, *tam ulic us*, *vaginalis*, *yunnanensis*.

Conservation Status : IOWPA : Schedule III; CAMP : LRIc (Nationally), DO (Globally)

Trade : Body parts *viz*; Skin, Meat.

Threat : Poaching & habitat loss.

Remark : Nil.

Subfamily ANTILOPINAE Gray, 1821

Genus *Antilope* Pallas, 1766

1766. *Antilope* Pallas, *Misc Zool.*, : 1.

Type species : *Capra cervicapra* Linnaeus, 1758.

Monotypic genus contain one species :

1. *Antilope cervicapra*

16. *Antilope cervicapra* (Linnaeus, 1758)

Black Buck, Indian Antelope

1758. *Capra cervicapra* Linnaeus, *Syst. Nat.* 10th ed., 1 : 69.

Type locality : Inland of Trivendrum (= Thiruvananthapuram), Kerala, India.

Regional names : Hindi : Harna (Male), Harni (Female), Kalvit Mrig; Tamil : Moorukoo Marn; Kannada : Hoola Kerra; Telegu : Jinka.

Distribution : India : From Punjab south to Kanyakumari and east to Bihar.

Elsewhere : Pakistan. Introduced population in Nepal, Texas (U.S.A.) and Argentina.

Indian subspecies : *centralis*, *cervicapra*, *rajputanae*, *rupicapra*.

Synonyms : *bezoartica*, *bilineata*, *centralis*, *hagenbecki*, *rajputanae*, *rupicapra*, *strepsiceros*.

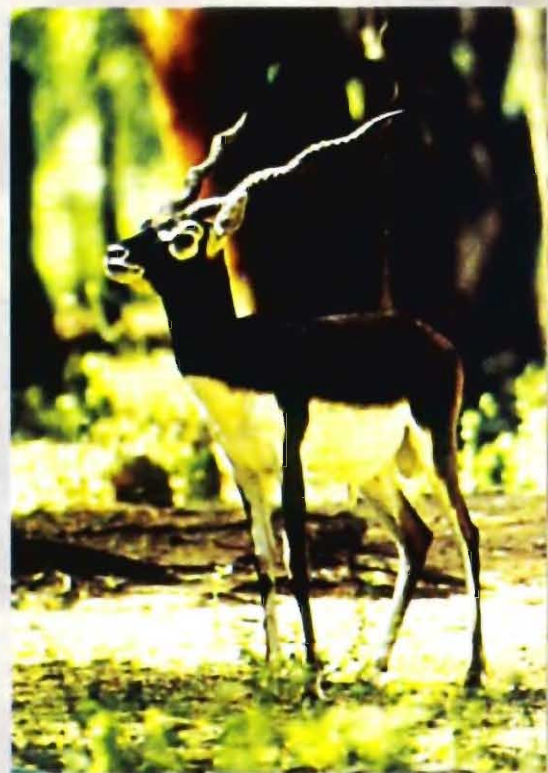


Photo Courtesy : Biswajit Roy Chowdhury

Conservation Status : IWPA : Schedule I, Part I; RDB : VU; CITES : Appendix III; CAMP : LRlc (Nationally), DD (Globally).

Trade : Body parts *viz*; Antler, Skin and Meat

Theat : Poaching and habitat loss.

Remark : Nil.

Genus *Gazella* Blainville, 1816

1816. *Gazella* Blainville, *Bull. Sci. Soc. Philom. Paris*, : 75

Type species : *Capra dorcas* Linnaeus, 1758

The genus contain one Indian species :

1. *Gazella bennettii*.

17. *Gazella bennettii* (Sykes, 1831) Indian Gazella, Chinkara

1831. *Antelope bennettii* Sykes, *Proc. Zool. Soc. London*, 1830-31 : 104(1831).

Type locality : Deccan Plateau, India.

Regional names : Hindi : Chinkara, Kal Punch; Telegu : Burra Jinka.



Photo Courtesy : Biswajit Roy Chowdhury

Distribution : India : Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Punjab, Tamil Nadu, Thar desert (Rajasthan), Uttar Pradesh.

Elsewhere : E. Iran to Pakistan.

Indian subspecies : *bennettii*

Synonyms : *christii*, *fuscifrons*, *hayi*, *hazenna*, *kennioni*.

Conservation Status : IWPA : Schedule II, Part I; RDB : VU; CAMP : LRlc. (Nationally), DD (Globally).

Trade : Body parts *viz*; Skin, Meat.

Threat : Poaching and habitat loss.

Remarks : This was included in *G. gazella* (Pallas, 1766) by Ellerman and Morrison Scott (1951) and in *G. dorcas* (Linnaeus, 1758) by Groves (1969) but has more recently been treated as a distinct species Groves (1985). Also supported by karyological data (Furley *et al.*, 1988).

Genus *Pantholops* Hodgson, 1834

1834. *Pantholops* Hodgson, *Proc. Zool. Soc. London.* : 81.

Type species : *Antilope hodgsonii* Abel, 1826.

Monotypic genus contain one species :

1. *Pantholops hodgsonii*.

18. *Pantholops hodgsonii* (Abel, 1826) Tibetan Antelope

1826. *Antilope hodgsonii* Abel. *Calcutta Govt. Gazette.*, see *Phil. Mag.*, 68 : 234.

Type locality : Tingri Maidan, Kooti Pass in Arrun Valley, Tibet.

Regional names : Hindi : Chiru, Chuku; Tibetan. Tsus (Male), Chus (Female).

Distribution : India : Chang Chen Mo Valley in Northern Ladak, Jammu & Kashmir.

Elsewhere : China and Nepal.

Indian subspecies : None.

Synonyms : *chiru*, *kemas*.

Conservation Status : IWPA : Schedule I, Part I; RDB : IK; CITES : Appendix I; CAMP : CR (Nationally), DD (Globally).

Trade : Body parts *viz*; Noal, Skin and Horn.

Threat : Poaching and habitat loss.

Remark : Nil.



Photo Courtesy : Biswajit Roy Chowdhury

Genus *Procapra* Hodgson, 1846

1846. *Procapra* Hodgson, *J. Asiat. Soc. Bengal*, 15 : 334.

Type species : *Procapra picticaudata* Hodgson, 1846.

The genus contain one Indian species :

1. *Procapra picticaudata*.

19. *Procapra picticaudata* Hodgson, 1846 Tibetan Gazella

1846. *Procapra picticaudata* Hodgson, *J. Asiat. Soc. Bengal*, 15 : 334, pl. 2.

Type locality : Hundes District, Tibet. According to Groves (1967b), the locality is more likely, the district north of Sikkim.

Regional names : Ladakhi : Goa; Tibetan, Ragao.

Photo Courtesy : Biswajit Roy Chowdhury



Distribution : India : Ladakh (Jammu & Kashmir), Sikkim, Uttar Pradesh.

Elsewhere : China, Chinese Turkistan and Mongolia.

Indian subspecies : None.

Synonym : Nil.

Conservation Status : IWPA : Schedule I, Part I; RDB : IK; CAMP : CR (Nationally), DD (Globally).

Trade : Body parts *viz*; Skin and Meat.

Threat : Poaching.

Remarks : *przewalskii* Bochner was considered as a subspecies of *P. picticaudata* by Ellerman and Morrison-Scott (1951). However, Grubb (In Wilson and Reeder 1993) treated *przewalskii* as a distinct species.

Subfamily BOVINAE Gray, 1821

Genus *Bos* Linnaeus, 1758

1758. *Bos* Linnaeus, *Syst. Nat.* 10th ed., 1 : 71.

Type species : *Bos taurus* Linnaeus, 1758.

The genus contains two Indian species :

1. *Bos frontalis*
2. *Bos grunniens*.

20. *Bos frontalis* Lambert, 1804 Indian Bison

1804. *Bos frontalis* Lambert, *Trans. Linn. Soc. London*, 7 : 57.

Type locality : North-eastern Chittagong, Bangladesh (domesticated stock).

Regional names : Hindi : Gaur, Gaur Gai; Maratha : Gaviya, Gawa; Kannada : Kadu Yethu, Kartee; Tamil : Kattu Erumai; Malayalam : Katu Poth.

Distribution : India : Andhra Pradesh, Assam, Bihar, Goa, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Tamil Nadu and West Bengal.



Elsewhere : Cambodia, China, Malaysia, Myanmar, Nepal, Thailand, Tibet and Vietnam

Indian subspecies : *gaurus*.

Synonyms : *annamiticus*, *asseel*, *brachyrhinus*, *cavifrons*, *fuscicornis*, *gaurus*, *guavera*, *hubbacki*, *laosiensis*, *platyceras*, *readei*, *subhemachalus*, *sylhetanus*, *sylvanus*.

Conservation Status : IOWPA : Schedule I, Part I; RDB : VU; CITES : Appendix I; CAMP : VU (Nationally), DO (Globally).

Trade : Body parts *viz*; Horn, Skin, Meat, Bone.

Threat : Habitat loss, Poacing and Cattle grazing.

Remarks : Ellerman and Morrison-Scott (1951) considered the name *B. gauras* Smith instead of *B. frontalis*.

21. *Bos grunniens* Linnaeus, 1766 Yak

1766. *Bos grunniens* Linnaeus, *Syst. Nat.* 10th ed., 1 : 99.

Type locality : Boreal Asia (domesticated stock).

Regional names : Hindi : Ban Chour; Tibetan : Dong, Brong, Dong (Wild), Pagu (domesticated).

Photo Courtesy : Biswajit Roy Chowdhury



Distribution : India : Cheng Chen Mo Valley, Northern Ladak, (Jammu & Kashmir), Himachal Pradesh. The Yak sometimes stray into Sutlej Valley and into some of the passes in the eastern Kumaon (Uttaranchal).

Elsewhere : China, Nepal, Tibet. Domesticated in Central Asia

Indian subspecies : None.

Synonym : *mutus*.

Conservation Status : IWPA : Schedule I, Part I; RDB : CR; CITES : Appendix I; CAMP : EN (Nationally), DO (Globally).

Trede : Body parts *viz*; Horn, Skin, Tail, Fat, Meat and Hair.

Threat : Poaching, Inbreeding, Hybridization.

Remarks : Nil.

Genus *Bubalus* Smith, 1827

1827. *Bubalus* Smith, *In* : Griffith *et al.*, *Anim. Kingd.*, 5 : 371.

Type species : *Bos bubalis* Linnaeus, 1758.

The genus contain one Indian species :

1. *Bubalus bubalis*.

22. *Bubalus bubalis* (Linnaeus, 1758) Wild Buffalo, Indian Buffalo

1758. *Bos bubalis* Linnaeus, 1758. *Syst. Nat.*, 10th ed., 1 : 72.

Type locality : Asia, Habitat in Asia, Cultus in Italia, "restricted by Thomas (1911) to Rome, Italy.

Regional names : Hindi : Arna (Male), Arni (Female); Maratha : Jungli Mhais, Kannada : Kadu Kona, Kartee.



Photo Courtesy : Biswajit Roy Chowdhury

Distribution : India : Assam, Arunachal Pradesh, Madhya Pradesh, Maharashtra, Meghalaya, Orissa, probably West Bengal.

Elsewhere : Bangladesh, Cambodia, Indo-China, Nepal, Thailand.

Indian subspecies : *bubalis*, *fulvus*.

Synonyms : *arnee*, *fulvus*, *hosei*, *indicus*, *kerabau*, *macroceros*, *mainitensis*, *moellendorffii*, *septentrionalis*.

Conservation Status : IWPA : Schedule I, Part I; RDB : EN; CITES : Appendix III, CAMP : EN (Nationally).

Trade : Body parts *viz*; Horn, Skin, Bone and Meat.

Threat : Poaching, Habitat loss, Cattle grazing and Inbreeding.

Remarks : Nil.

Genus *Boselaphus* Blainville, 1816

1816. *Boselephus* Blainville, *Bull. Sci. Soc. Philom. Paris.* : 75.



Type species : *Antilope tragocamelus* Pallas, 1766.

Monotypic genus contain only one species :

1. *Boselaphus tragocamelus*.

23. *Boselaphus tragocamelus* (Pallas, 1766) Blue Bull

1766. *Antilope tragocamelus* Pallas, *Misc. Zool.*, : 5.

Type locality : Plains of Peninsular India.

Regional names : Hindi : Nilgai, Nil, Rojh, Roz, Rozra; Maratha : Rohu, Nilgai, Nil (Male).



Distribution : India : From base of Himalayas to Andhra Pradesh, Bihar, Gujarat, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Uttar Pradesh.

Elsewhere : Nepal, Pakistan. Introduced into Texas (U.S.A).

Indian subspecies : None.

Synonyms : *albipes*, *hippelaphus*, *picta*, *risia*.

Conservation Status : IWPA : Schedule III; CAMP : LRlc (Nationally), DO (Globally).

Trade : Body parts *viz*; Skin and Meat

Threat : Habitat loss and poaching.

Remark : Nil.

Genus *Tetracerus* Leach, 1825

1825. *Tetracerus* Leach, *Trans. Linn. Soc. London*, 14 : 524,

Type species : *Antilope chickara* Hardwicke, 1825 (= *Cerophorus quadricornis* Blaioville, 1816).

Monotypic genus contain one species :

1. *Tetracerus quadricornis*.

24. *Tetracerus quadricornis* (Blainville, 1816)
Four-horned Antelope

1816. *Cerophorus quadricornis* Blainville, *Bull. Sci. Soc. Philom. Paris*, : 75.

Type locality : India (Plains of peninsular India).



Photo Courtesy : Biswajit Roy Chowdhury

Regional names : Hindi : Chausingha, Chowka, Doda; Tamil : Nari Komboo Marn; Kannada : Koondoo, Kooree, Poki.

Distribution : India : Peninsula, south to Tamil Nadu, Eastern Ghats, Bihar, Gujarat, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, and Uttar Pradesh.

Elsewhere : Nepal.

Indian subspecies : None.

Synonyms : *chickara*, *iodes*, *paccerois*, *striatocornis*, *subquadricornis*, *tetracornis*.

Conservation Status : IWPA : Schedule I, Part I; ROB : VU; CAMP : LRnt (Nationally), DO (Globally).

Trade : Body parts *viz*; Skin and Meat.

Threat : Poaching, Cattle grazing and Habitat loss.

Remark : Nil.

Subfamily CAPRINAE Gray, 1821

Genus *Capra* Linnaeus, 1758

1758. *Capra* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 68.

Type species : *Capra hircus* Linnaeus, 1758.

The genus contains two Indian species :

1. *Capra falconeri*
2. *Capra sibirica*.

25. *Capra falconeri* (Wagner, 1839) Markhor

1839. *Agoceros (Capra) falconeri* Wagner, *Gelehr. Anz. I. K. Bayer Akad. Wiss., Munchen*, 9 : 430

Type locality : Astor, Kashmir, India

Photo Courtesy : Biswajit Roy Chowdhury



Regional names : Punjabi; Kashmiri : Markhor; Ladaki : Rophoche (Male), Rawache (Female).

Distribution : India : Himachal Pradesh, Jammu and Kashmir and Uttar Pradesh

Elsewhere : Afghanistan, Pakistan, Tadjikistan, Uzbekistan.

Indian subspecies : *cashmiriensis*, *falconeri*, *jerdoni*.

Synonyms : *cashmiriensis*, *chialtanensis*, *chitralensis*, *gilgitensis*, *heptneri*, *jerdoni*, *megaceros*, *ognevi*.

Conservation Status : IWPA : Schedule I, Part I; RDB : EN; CITES : Appendix I; CAMP : CR (Nationally), DO (Globally).

Trade : Body parts *viz*; Horn, Skin and Skull.

Threat : Poaching and disease.

Remark : Nil.

26. *Capra sibirica* (Pallas, 1776) Siberian Ibex, Ibex

1776. *Ibex sibiricus* Pallas, *Spic. Zool.*, 11 : 52.

Type locality : Near Munku Sardyx, Sayan Mountains, Siberia, Russia.

Regional names : Ladaki : Skin or Sakin (Male), Dabmo or Damno (Female); Kashmiri : Kali; Kulu : Tangrol.

Distribution : India : Himachal Pradesh, Jammu and Kashmir, Uttar Pradesh.

Elsewhere : Afghanistan, China, Mongolia, Pakistan, Former Russia.

Indian subspecies : None.



Photo Courtesy : Biswajit Roy Chowdhury

Capra sibirica (Pallas, 1776)

Synonyms : *alaiana*, *almasyi*, *altaica*, *dauvergnii*, *dementievi*, *fasciata*, *filippii*, *formosovi*, *hagenbecki*, *hemalayanus*, *lorenzi*, *lydekkeri*, *merzbacheri*, *pallasii*, *pedri*, *sakeen*, *transalaiana*, *wardi*.

Conservation Status : IWPA : Schedule I; RDB : EN; CAMP : VU (Nationally), DO (Globally) as *C. ibex*.

Trade : Body parts *viz*; Meat, Skin and Horn.

Threat : Poaching, Cattle grazing and Habitat loss.

Remarks : Included as a subspecies of *C. ibex* by Ellerman and Morrison-Scott (1951). Heptner *et al.*, (1961) treated it as a species distinct from *ibex*.

Genus *Budorcas* Hodgson, 1850

1850. *Budorcas* Hodgson, *J. Asiat. Soc. Bengal*, 19 : 65.

Type species : *Budorcas taxicolor* Hodgson, 1850.

Monotypic genus contain one species only :

1. *Budorcas taxicolor*.

27. *Budorcas taxicolor* Hodgson, 1850 Takin

1850. *Budorcas taxicolor* Hodgson, *J. Asiat. Soc. Bengal*, 19 : 65.

Type locality : Mishmi Hills, Arunachal Pradesh, India.

Distribution : India : Mishmi Hills and Arunachal Pradesh.



Photo Courtesy : Biswajit Roy Chowdhury

Budorcas taxicolor Hodgson, 1850

Elsewhere : Bhutan, China, Myanmar and Tibet.

Indian subspecies : *taxicolor*.

Synonyms : *bedfordi*, *mitchelli*, *sinensis*, *tibetana*, *whitei*.

Conservation Status : CITES : Appendix II.

Trade : Body parts viz; Skin and Meat

Threat : Poaching.

Remark : Nil.

Genus *Hemitragus* Hodgson, 1841

1841. *Hemitragus* Hodgson, *Caicutta* 1. *Nat. Hist.* 2 : 218.

Type species : *Capra jharal* Hodgson, 1833 (= *Capra jemlahica* Smith, 1826).

The genus contains two Indian species :

1. *Hemitragus hylocrius*
2. *Hemitragus jemlahicus*.

28. *Hemitragus jemlahicus* (Smith, 1826) Himalayan Tahr, Thar

1826. *Capra jemlahicus* Smith, In Griffith et al., *Anim. Kingdom.*, Vol. 4 : plate (1826) opp. 308 (1827)

Type locality : Jemla Hills, Nepal.

Regional names : Hindi : Tehr, Jehr; Kashmiri : Kras, Jagla; Nepali : Jharal.



Photo Courtesy : Biswajit Roy Chowdhury

***Hemitragus jemlahicus* (Smith, 1826)**

Distribution : India : Himàchal Pradesh, Jammu & Kashmir, Sikkim, Uttar Pradesh and West Bengal

Elsewhere : Bhutan, China, Nepal. Introduced in Newzealand and South Africa.

Indian subspecies : None.

Synonyms : *jharal*, *quadriramis*, *schaeferi*, *tubercornis*.

Conservation Status : IWPA : Schedule I, Part I; ROB : EN; CAMP : LRnt (Nationally), DO (Globally).

Trade : Body parts *viz*; Skin, Meat and Horn.

Threat : Poaching and Habitat loss.

Remark : Nil.

29. *Hemitragus hylocrius* (Ogilby, 1838)
Nilgiri Tahr, Ibex

1838. *Kemas hyiocrius* Ogilby, *Proc. zool. Soc. London*, 1837 : 81(1938).

Type locality : Nilgiri Hills, Tamil Nadu, India.

Regional names : Tamil and Kannada : Varai Adoo; Malalayam : Mulla Atu.

Distribution : India : Kerala, Tamil Nadu

Indian subspecies : None.



Hemitragus hylocrius (Ogilby,

Synonym : *warryato*.

Conservation Status : IWPA : Schedule I, Part I; RDB : VU; CAMP : EN.

Trade : Body parts *viz*; Skin, Meat and Horn.

Threat : Poaching and Habitat destruction.

Remark : Nil.

Genus *Naemorhedus* Smith, 1827

1827. *Naemorhedus* Smith, In Griffith et al., *Anim. Kingdom*. 5 : 352.

Type species : *Antilope goral* Hardwicke, 1825.

The genus contains two Indian species :

1. *Naemorhedus goral*
2. *Naemorhedus sumatraensis*.

30. *Naemorhedus goral* (Hardwicke, 1825) Goral

1825. *Antilope goral* Hardwicke, *Trans. Linn. Soc. London*. 14 : 518.

Type locality : Himalayas, Nepal.

Regional names : Hindi : Goral; Kashmiri : Pij, Pijur, Rai, Rom; Sikkimese : RoGiyu; Assamese : Deo Chagal.



Distribution : India : Himachal Pradesh, Jammu and Kashmir, Northeastern States, Sikkim, Uttar Pradesh and West Bengal.

Elsewhere : Bhutan, China, Korea, Myanmar, Pakistan and Tibet.

Indian subspecies : *goral*, *hodgsoni*.

Synonyms : *bedfordi*, *duvaucetii*, *hodgsoni*.

Conservation Status : CITES : Appendix I

Trade : Body parts *viz*; Horn and Meat.

Threat : Disease, Habitat loss, Hunting and Grazing.

Remark : Nil.

31. *Naemorhedus sumatraensis* (Bechstein, 1799) Mainland Serow, Serow

1799. *Antilope sumatraensis* Bechstein, In Pennant, *Allgemeine, Ueber, Vierfuss. Thiere*, 1 : 98.

Type locality : Sumatra, Indonesia.

Regional names : Hindi Sarao; Kashmiri : Ramu, Holj, Salabhir; Sikkimese : Gya.

Distribution : India : Arunachal Pradesh, Himachal Pradesh, Jammu and Kashmir, Sikkim, Uttar Pradesh, West Bengal.

Elsewhere : China, Indo-China, Thailand, Myanmar, Malay Peninsula, Nepal and Siam.

Indian subspecies : *humei*, *jamrachi*, *rodoni*, *thar*.

Synonyms : *annectens*, *argyrochaetes*, *benetianus*, *brachyrhinus*, *bubalina*, *chrysochaetes*, *collasinus*, *cornutus*, *edwardsii*, *erythropygius*, *jargesianus*, *gendrelianus*, *humei*, *jamrachi*, *longicornis*, *macrolinus*, *maritimus*, *maxillaris*, *microdontus*, *milneedwardsii*, *montinus*, *nasutus*, *osborni*, *platyrhinus*, *pugnax*, *robinsoni*, *rocherianus*, *rodoni*, *rubidus*, *swettenhami*, *thar*, *ungulosus*, *vidianus*.



Photo Courtesy : Biswajit Roy Chowdhury

Conservation Status : CITES : IWPA : Schedule I, Part I; RDB : VU; Appendix I, CAMP : VU (Nationally), DD (Globally).

Trade : Body parts viz; Skin and Meat.

Threat : Interspecific competition, Disease, Habitat loss, Hunting, Grazing.

Remark : Nil.

Genus *Ovis* Linnaeus, 1758

1758. *Ovis* Linnaeus, *Syst. Nat.*, 10th ed., 1 : 70.

Type species : *Ovis aries* Linnaeus, 1758.

The genus contains two Indian species :

1. *Ovis ammon*
2. *Ovis vignei*.

32. *Ovis ammon* (Linnaeus, 1758) Argali, Great Tibetan Sheep, Nayan

1758. *Capra ammon* Linnaeus, *Syst. Nat.*, 10th Ed., 1 : 70.

Type locality : Near Ust-Kamenogorsk, Bukhtarma, Altai Mountains, Obl. Vostochno-Kazakhstan, Kazakhstan.

Regional names : Hindi : Nayan (Male), Nayanmo (Female).

Distribution : India : Ladakh (Jammu & Kashmir), Himachal Pradesh, Sikkim, Uttar Pradesh.

Photo Courtesy : Biswajit Roy Chowdhury



Elsewhere : South to Pamir Range in North east Afghanistan, Bhutan, China, Kazakhstan, Kirgizia, Mongolia, Nepal, Pakistan, Tadzhikistan.

Indian subspecies : *hodgsoni*, *polii*.

Synonyms : *adametzi*, *altaica*, *ammonoides*, *argali*, *asiaticus*, *bambhera*, *blythi*, *brookei*, *collium*, *comosa*, *dalailamae*, *darwini*, *dauricus*, *heinsii*, *henrii*, *hodgsonii*, *humei*, *intermedia*, *jubata*, *karelini*, *kozlovi*, *littledalei*, *mongolica*, *nigrimontana*, *polii*, *przevalskii*, *saiensis*.

Conservation Status : IWPA : Schedule I, Part I; RDB : IK; CITES : Appendix I; CAMP : EN (Nationally), DD (Globally).

Trade : Body parts *viz*; Horn, Skin and Meat.

Threat : Hunting, Disease, Interspecific competition, poor dispersal ability.

Remark : Nil.

33. *Ovis vignei* Blyth, 1841 Urrial, Shapu

1841. *Ovis vignei* Blyth, *Proc. zool. Soc. London*, 1840 : 70 (1841).

Type locality : Astor, Kashmir, India.

Regional names : Punjabi : Urrial; Ladakhi : Sha, Shapo (Male), Shamo (Female).

Distribution : India : Ladak (Jammu & Kashmir).

Elsewhere : China, North east Iran to Afghanistan, Pakistan, Tadzhikistan, Uzbekistan. Introduced in Oman.

Indian subspecies : *vignei*.

Synonyms : *arabica*, *arkal*, *blanfordi*, *bochariensis*, *cycloceros*, *dolgopolovi*, *punjabiensis*, *severtzovi*, *varentsowi*.

Conservation Status : IWPA : Schedule I, Part I; ROB : EN; CITES : Appendix I; CAMP : EN (Nationally).



Photo Courtesy : Biswajit Roy Chowdhury

Trade : Body parts viz; Horn, Skin and Meat.

Threat : Interspecific competition, Disease, loss of habitat, Hunting, Grazing.

Remarks : Ellerman and Morrison-Scott (1951) treated *vignei* as a subspecies of *O. orientalis* Gmelin.

Genus *Pseudois* Hodgson, 1846

1846. *Pseudois* Hodgson, *J. Asiat. Soc. Bengal*, 15 : 343.

Type species : *Ovis nayaur* Hodgson, 1833

The genus contain one Indian species :

1. *Pseudois nayaur*.

34. *Pseudois nayaur* (Hodgson, 1833) Bharal, Blue Sheep

1833. *Ovis nayaur* Hodgson. *Asiat. Res.*, 18(2) : 135

Type locality : Tibetan frontier, Nepal.



Photo Courtesy : Biswajit Roy Chowdhury

Regional names : Hindi : Bharal, Bharar, Bharut; Ladakhi : Na, Sna; Nepali : Nervati.

Distribution : India : Himachal Pradesh, Ladak (Jammu & Kashmir), Sikkim.

Elsewhere : China, Mongolia, Nepal, Pakistan, Pamir range in Tadjikistan.

Indian subspecies : *nayaur*.

Synonyms : *Burrhel*, *caesia*, *nahoor*, *szechuanensis*.

Conservation Status : IUPA : Schedule I, Part I; RDB : VU; CAMP : LR1c (Nationally), DD (Globally).

Trade : Body parts viz; Horn, Skin, Meat and Taxidermy models.

Threat : Loss of habitat, Hunting, Disease, Grazing etc.

Remark : Nil.

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