

Turtle Monitoring Checklist (Model)

General Information

Site Name: Address: Date:
 Time:to..... Weather: Habitat Type (Specify):
 Position: Latitude Longitude: Altitude:

A. Population Study

1. Visual Encounter Survey (VES)

i. Mode of Survey: Wadding Observation Boating Basking Site Single Point

ii. Distance covered:

SN	Species	No of Individuals	Remarks

2. Captured Species Survey

SN	Species	SCL	SCW	SPL	SPW	Weight	Scute Count (C, L, M and IM)

Note: C- Centrals, L- Laterals, M- Marginals, IM-Infra-marginals

3. Mark Release Recapture Survey

Date	Location	Species	Capture Method	Trap Type	Trap Number	Mark ID	Area

(For Mark Capture Recapture studies, follow relevant publications for detail procedures and calculations)

B. Habitat Survey

1. Bank condition:
2. Landuse around habitat (by percentage):
3. Dominant vegetation
4. Distance from settlement
5. Distance from agriculture land
6. Distance from forest
7. Connectivity
8. Aquaculture/ framing
9. Disturbance: Grazing, ploughing, soil/ sand excavation, fishing, firing, drying
10. Pollution: Sewage, chemical fertilizer, pesticides and herbicides use, and agriculture run off

C. Exploitation and Trade Survey

1. Exploitation

i. Method: Hook, Net, Poisoning, Spearing, other

ii. Availability:

iii. Species exploitation

SN	Species	Number of Individuals	Morphometric					Remark
			SCL	SCW	SPL	SPW	Weight	

2. Trade

1. Name of Market
2. Source of turtles
3. Species information (use same table of exploitation)
4. Market value (per Kg or per Individual): Specify the price of each species
5. Distance of authority (VDC/Municipality, police, area/ district forest office or others)

d. Conservation Status of Nepal's Turtles

Species	Red List Status (IUCN 2008)	Nepal Red Data Book	CITES class
<i>Aspideretes gangeticus</i> (Cuvier, 1825)	Vulnerable	Vulnerable	I
<i>Aspideretes hurum</i> (Gray, 1831)	Vulnerable	Susceptible	I
<i>Chitra indica</i> (Gray, 1831)	Endangered	Susceptible	II
<i>Cyclemys oldhamii</i> Gray, 1863	Not Available	Not Available	Not Available
<i>Hardella thurjii</i> (Gray, 1831)	Vulnerable	Susceptible	II
<i>Indotestudo elongata</i> (Blyth, 1853)	Endangered	Susceptible	II
<i>Kachuga dhongoka</i> (Gray, 1834)	Endangered	Susceptible	II
<i>Kachuga kachuga</i> (Gray, 1831)	Critically Endangered	Vulnerable	II
<i>Lissemys punctata andersoni</i> Webb, 1980	Lower Risk / least concern	Susceptible	II
<i>Melanochelys tricarinata</i> (Blyth, 1856)	Vulnerable	Vulnerable	I
<i>Melanochelys trijuga indopeninsularis</i> (Annandale, 1930)	Lower Risk / near threatened	Susceptible	II
<i>Morenia petersi</i> (Anderson, 1879)	Not Available	Susceptible	Not Available
<i>Panghura smithii smithii</i> (Gray, 1863)	Lower Risk / near threatened	Susceptible	II
<i>Pangshura flaviventer</i> (Gunther, 1864)	Lower Risk / least concern		II
<i>Pangshura smithii pallidipes</i> (Moll, 1987)	Lower Risk / near threatened	Susceptible	II
<i>Pangshura tecta</i> (Gray, 1830)	Lower Risk / least concern	Susceptible	I
<i>Pangshura tentoria circumdata</i> (Mertens, 1969)	Lower Risk / least concern	Not Available	II

(The species red list categories are as per 2008 IUCN Red List of Threatened Species. <http://www.iucnredlist.org> Downloaded on **24 April 2009** and BPP 1995)