

I. ENVIRONMENT

2.3 Social Conditions

2.3.1 Economic Activity

The key informants of the respective study area mentioned that due to the development initiatives all the people of the area are being economically benefited. The farming system is not yet mechanized in the Study Area. Very few people use power-tiller for cultivation instead of traditional plough, which does not have any effect on the labor market. In the past, most of the rural people were engaged either in agriculture or fishing. Especially, Haor area there is mainly one crop. The people who are engaged in agriculture, usually used to be unemployed earlier after harvesting period. Currently they can do something else after the harvesting period. The other important noticeable change is observed that is declining fish. As a result, some people are changing their occupation from fisherman to others. There is also another reason of this shifting in occupation in Haor area that most of Haor has been leasing to the moneyed-man and which are restricted in general for fishing.

To evaluate the significant environmental impact of the economical activities in the Study Area as a result of the development initiatives, especially the planned residential settlement and forced or involuntary settlement, they mentioned that it is hard for them to evaluate while there is no known involuntary settlement. Some of the respondents mentioned that the NGOs facilitate the process of socio-economic development and are playing the prime role in the economical development of the Study Area.

2.3.2 Institutional and Custom

Flooding is one such water-related environmental problem, which is known to bring misery and suffering for the people during the flood season and cause loss of food grain production. At the same time, this flooding gives very rich freshwater fishery production within the country. In terms of freshwater fish production, Bangladesh rank as the world leader accounting for a production of 4,076 kg/sq. km. In terms of total production, Bangladesh ranks third (after China and India) among the world's largest inland fish-producing countries.

But, the present situation on regulations of water or fishing right is following:

- The fisherman does not know the rules and regulation regarding fishing law
- Very few people know about the rules and regulation regarding fishing law. The people know, they even do not want to obey the rules for their benefit
- The administration and the law and order execution authority does not say anything or do not execute the rules. They are very reluctant about those
- Most of the people in Haor area know that in the rainy season any body can fish in any places. But as soon as the water level goes down, the area becomes demarcated and no body can fish

without permission. Which means, the haor areas are usually leased to the public sector as soon as the water level starts going down. After lease none can fish in others' leased area.

In the phase of exploring the existing information regarding the cultural assets of the Study Area and whether, those are being destroyed by the development initiatives or not. Most of the key informants were unable to mention that whether there is any archaeological, historical, religious cultural or aesthetic beauty in their respective area or not. Since they were unable to identify, it was not possible for them to evaluate the significant environmental impact on those. Some of the respondents mentioned about some Majars, Mosques, Temples and abundant properties. Most of the abundant properties were once used by the then Jaminders of the area. Some of those sites were eroded by river. None of those were reported by the respondents to have any direct linked with the development initiatives.

Most of the respondents mentioned either the river or Haor as the site of aesthetic beauty. They described that when either the river or Haor are full of water in the afternoon, it looks terrific. None of the respondents think that is being directly damaged by the development initiatives. The significant environmental impact on those for development initiatives is not fully known to the respondent.

2.3.3 Health and Sanitary

Sanitation problem is a very big challenge in front of the whole nation. By the year 2000 the national goal for reaching the households with access to sanitary latrines was 80%. But by the year 1998 the national figure for reaching the households with sanitary latrines was only 40%. However, followings are the details district-wise picture of the households with access to sanitary latrines and to safe drinking water in our study area in line with the national goal by the year 2000:

Households with access to sanitary latrines and to safe drinking water

Name of the district	Goal by the year 2000 or both Wat San	Total achieved by the year 1997 for sanitation	Total achieved by the year 1997 for water supply
Gaibandha	80% for both	23%	99%
Jamalpur	80% for both	35%	100%
Kurigram	80% for both	42%	100%
Sirajganj	80% for both	36%	100%
Habiganj	80% for both	29%	97%
Kishoreganj	80% for both	16%	100%
Netrokona	80% for both	16%	100%
Sunamganj	80% for both	8%	93%

Source: UNICEF, BBS and DPHE, December 1998, "ASHA - The Status of Women and Children" (the nation-wide survey in 1998, which is being widely used), Dhaka.

The definition of the households with access to sanitary latrines also needs to understand and consider before taking any decision and conclusion. The percentage of the households with sanitary latrines denotes those households where at least one member uses either a waterseal or

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homemade pit latrine. Hanging latrines, other types of latrines that do not contain faeces in a pit and open-air defecation are considered unsanitary. At the same way, the percentage of households collecting drinking water from various sources does not take into consideration the amount of water collected, the time taken for water collection, nor the distance of water source from the house.

It is widely recognized that the way water shapes the landscape has a profound effect on many aspects of people's lifestyle and behavior economic but also social, cultural and health too. Our daily life is conducted in intimate contact with the surrounding water. It waters crops, provides plentiful fishing grounds, is a highway, a leisure zone, and a spiritual home. But the rural environment flooded not only with water, but also with people, takes on a more sinister character. Streams and rivers flow freely through our densely populated communities, collecting our residue of dirt and germs taking on the appearance of foul and rancid open drains. The constant mingle of our waste and surface water, constitutes a public health problem of unparalleled proportions problem only dimly perceived by those most at risk.

There is no engineered public health system to hygienically confine water supply and sanitation. The people them-selves are their own environmental engineers for soil, water and sanitation. Surface water is used for the people's washing, bathing and some times for their domestic animals' bathing. The same water sources are also used for garbage disposal, or when it rains, becomes a sewer for excreta disposal in surrounding bushes. Hanging latrines are also there. Besides this, the increased use of chemical pesticides due to intensification of agriculture, introduction of high-yielding specious, new crops and its' irrigation and management are also an issue to consider. All of these in the open waters pose serious risks to health. As they shrink, their pathological concentration increases. Still most of the rural people do not always understand the link between excreta, bacteria and disease. And even if they do, there is a limit to what they can do or are willing to do, to adapt to this reality.

While talking to the key informants of the study area regarding health and sanitary issues, they opined the followings:

- Most of the people do not use sanitary latrine yet. They use hanging latrine, and open space for defecation
- At the same time, due to the development initiatives, people are being aware of it. Some of them realize the need of a sanitary latrine
- At least fifty-percent people do not dispose their household waste in a fixed place
- Some of the people deposit their household waste in a fixed place
- Few people think that the household waste can be used in the field as an alternative of fertilizer
- At the same time, the use of chemical pesticides in agriculture, which is being used more and more. And the uses of chemical pesticides in most of the cases are unplanned

- It seems that along with the use of the chemical pesticides the people are gradually being aware of it
- Some of the key informants also mentioned that some of the people are using composed fertilizer

After exploring the above, we tried to know that whether there is any outbreak of endemic diseases. If there is any, those attribute to the adverse effect of development or not. No one could say any outbreak of endemic diseases in the area. They mentioned that in every year when the water shrinks, the outbreaks of diarrhea diseases become very common in the study area. In some places of the Study Area, goiter is very prevalent in Fulchari Upazila of Gaibandha district. Malnutrition is also a common throughout the study area. Besides these, in the rainy season, the water born-diseases become prevalent in the Study Area. Along with these, in Sirajganj once there was an outbreak of respiratory problems due to the use of Ammonia Gas in Sirajganj chemical fertilizer factory.

The key informants of the study could not say whether those are due to the adverse effects of development or not. Again they mentioned that the development projects are not really known to them, in that case it is difficult for them to evaluate the significant environmental impact of this subject where those are induced by the development initiatives or not. They must opine that the subject and the development initiatives need to know fully before evaluating the impact.

We also tried to explore whether the used agrochemical or chemical substances with high residual toxicity remains in the water, soil or not. Most of the people think that the toxicity remains in the soil and water. They think as a result of the remaining toxicity in the soil and water, the quantity and variety of fishes and frogs are declining, frequently people are getting sick, and the taste of water and vegetable are being lost. They also mentioned that as a result of the residual toxicity, the land/soil is gradually losing its fertility.

There is also another opinion that the residual toxicity does not remain there in the soil and water. They think the rain and the tide of the river and Haor wash it away in every year. They also think that the tide brings silt. This sediment covers the residual toxicity and makes the land fertile. So, they concluded that the use of agrochemical is not harmful and does not have any adverse effect.

Table 2.1 Arsenic Contents of Tube-Well in Sirajganj District

Well No.	Union Name	Village Name	Arsenic Content (mg/l)	Date of Examination
1	Belkuchi Shadar	-	0.08	Aug. 23, 1999
2	Vangabari	Jaknala	0.05	Aug. 23, 1999
3	Vangabari	Jaknala	0.20	Aug. 23, 1999
4	Vangabari	Khidra-Jaknala	0.05	Aug. 23, 1999
5	Nalka Rayganj	Hargati	0.09	Oct. 04, 1999
6	Nalka Rayganj	Hargati	0.10	Oct. 04, 1999
7	Durganagar	Vairab	0.07	Dec. 08, 1999
8	Jhayil	Par Paikasha	0.06	Nov. 17, 1999
9	Jhayil	Par Paikasha	0.05	Nov. 17, 1999
10	Sangasa	Char Sangasa	0.06	Sep. 10, 1997
11	Ratankandi	Kuralia East Para	0.06	Sep. 10, 1997
12	Khash Kaulia	Upazila Mosque	0.07	Sep. 11, 1997

Source: Sirajganj Department of Public Health Engineering

Note: 1) Data is shown Arsenic contents than 0.05 mg/l of water quality standard limited in Bangladesh

2) Well No. 1 and 12 are located in the Study Area

Table 2.2 Wetland Flora of Char Area in Gaibandha, Jamalpur, Kurigram and Sirajganj Districts

Scientific Name	Family Name	Nature Name	Habit	District			
				Gaibandha	Jamalpur	Kurigram	Sirajganj
<i>Sagittaria sagittifolia</i>	Alismataceae	Chhotokut	Herb	✓		✓	
<i>Eichhornia crassipes</i>	Pontederiaceae	Kachuripana	Herb	✓	✓	✓	✓
<i>Pistia strateotes</i>	Araceae	Topapana	Herb	✓	✓	✓	✓
<i>Monochoria vaginalis</i>	Pontederiaceae	Sarkachu	Herb	✓	✓	✓	✓
<i>Lemna perpusilla</i>	Limnaceae	Khudipana	Herb	✓	✓	✓	✓
<i>Colocasia esculenta</i>	Araceae	Kachu	Herb	✓	✓	✓	✓
<i>Alternanthera philoxeroides</i>	Amaranthaceae	Helenchha	Herb	✓	✓	✓	✓
<i>Ipomoea fistulosa</i>	Convolvulaceae	Dholkalmi	Herb	✓	✓	✓	✓
<i>Hydrilla verticillata</i>	Hydro	Janjhi	Herb		✓	✓	
<i>Ceratophyllum demersum</i>	Ceroto	Jhanhi	Herb			✓	
<i>Salvinia cuculta</i>	Salviniaceae	Indurkanipana	Herb	✓	✓	✓	✓
<i>Trapa bispinosa</i>	Trapaceae	Singra	Herb	✓	✓	✓	
<i>Trapa. maximowiczii</i>	Trapaceae	Singra	Herb		✓	✓	
<i>Aponogeton natans</i>	Aponogetonaceae	Ghenchu	Herb			✓	
<i>Polygonum hydropiper</i>	Polygonaceae	Bish katali	Herb	✓	✓	✓	✓
<i>Vallisneria spiralis</i>	Hydrocharitaceae	Patajhanji	Herb			✓	
<i>Enhydra fluctuans</i>	Compositae	Helenchha	Herb		✓	✓	

Note: The marked ✓ is shown the existence in the Study Area.

Table 2.3 Terrestrial Flora of Char Area in Gaibandha, Jamalpur, Kurigram and Sirajganj Districts

Scientific Name	Family Name	Native Name	Habits	District			
				Gaibandha	Jamalpur	Kurigram	Sirajganj
<i>Acacia nilotica</i>	Leguminosae	Babla, Kikar	Tree	✓	✓	✓	✓
<i>Melia azaderachta</i>	Meliaceae	Ghora nim	Tree	✓		✓	✓
<i>Cassia siama</i>	Leguminosae	Minjuri	Tree	✓	✓	✓	✓
<i>Polygonum hydropiper</i>	Polygonaceae	Bishkatali	Herb	✓	✓	✓	✓
<i>Polygonum orientale</i>	Polygonaceae	Bishkatali	Herb	✓	✓	✓	✓
<i>Croton bonplandianum</i>	Euphorbiaceae	Eroton	Herb	✓	✓	✓	✓
<i>Blumea lacera</i>	Compositae	Shealmutra	Herb	✓	✓	✓	✓
<i>Bhimea sp</i>	Compositae	Shealmutra	Herb	✓	✓	✓	✓
<i>Dalbergia sispo</i>	Leguminosae	Sishookat	Tree	✓	✓	✓	✓
<i>Leucas lavenbulifolia</i>	Labiatae	Swetadran	Herb	✓	✓	✓	✓
<i>Leucas aspera</i>	Labiatae		Herb	✓		✓	✓
<i>Leonurus sibiricus</i>	Labiatae	Raktadrone	Herb	✓	✓	✓	✓
<i>Chenopodium ambrosioides</i>	Chenopodiaceae	Chandonbeto	Herb	✓	✓	✓	✓
<i>Duranta repens</i>	Verbinaceae	Kanta mehedi	Shrub	✓		✓	✓
<i>Bambosa sp</i>	Gramineae	Bans	Tree	✓	✓	✓	✓
<i>Mangifera indica</i>	Anacardiaceae	Am	Tree	✓	✓	✓	✓
<i>Syzygium cumini</i>	Myrtaceae	Jam	Tree	✓	✓	✓	✓
<i>Eucalyptus citriodora</i>	Myrtaceae	Eucalyptus	Tree	✓	✓	✓	✓
<i>Artocarpus heterophyllus</i>	Moraceae	Kathal	Tree	✓	✓	✓	✓
<i>Cocos nucifera</i>	Palmae	Narikel	Tree	✓	✓	✓	✓
<i>Areca catefhu</i>	Palmae	Supari, gua	Tree	✓	✓	✓	✓
<i>Borassus fiabellifer</i>	Palmae	Tal	Tree	✓	✓	✓	✓
<i>Swietenia mahagoni</i>	Meliaceae	Mehagoni	Tree	✓	✓	✓	✓
<i>Musa spp</i>	Musaceae	Kala	Herb	✓	✓	✓	✓
<i>Ipomoea fistulosa</i>	Convolvulaceae	Dholkalmi	Herb	✓	✓	✓	✓
<i>Amaranthu spinosus</i>	Amaranthaceae	Kantanote	Herb	✓	✓	✓	✓
<i>Cynodon dactylon</i>	Gramineae	Durbaghas	Herb	✓	✓	✓	✓
<i>Axonopus compresus</i>	Gramineae	Trufghas	Herb	✓	✓	✓	✓
<i>Xanthium indicum</i>	Compositae	Ghagra	Herb	✓	✓	✓	✓
<i>Vernonia cinera</i>	Compositae	Kalokira	Herb	✓	✓	✓	✓
<i>Heliotropium indicum</i>	Boraginaceae	Hatishoore	Herb	✓	✓	✓	✓
<i>Phyllanthus reticulatus</i>	Euphorbiaceae	Chitki	Shrub	✓	✓	✓	✓
<i>Clerodendrum viscosum</i>	Verbinaceae	Bhant	Herb	✓	✓	✓	✓
<i>Zizypus mauritiana</i>	Rhamnaceae	Kul, Boro	Tree	✓	✓	✓	✓
<i>Samanea saman</i>	Leguminosae	Rain tree	Tree	✓	✓	✓	✓
<i>Lippia nodiflora</i>	Compositae	Bhuiokra	Herb	✓	✓	✓	✓
<i>Vetiveria ziznioides</i>	Gramineae	Benna	Herb	✓	✓	✓	✓
<i>Ficus benghalensis</i>	Moraceae	Bot	Tree	✓	✓	✓	✓
<i>Ficus religiosa</i>	Moraceae	Assacoath	Tree		✓	✓	✓
<i>Ficus. Hispida</i>	Moraceae	Kakdumur	Shrub	✓	✓	✓	✓
<i>Clerodendrum seratum</i>	Verbinaceae		Shrub		✓	✓	
<i>Mikania cordata</i>	Compositae	Assamlate	Herb		✓	✓	✓

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Scientific Name	Family Name	Native Name	Habits	District			
				Gaibandha	Jamalpur	Kurigram	Sirajganj
<i>Scoparia dulcis</i>	Scrophulariaceae	Bandhuri	Herb	✓	✓	✓	✓
<i>Alternanthera sessilis</i>	Amaranthaceae	Haicha	Herb	✓	✓	✓	✓
<i>Colocasia esculenta</i>	Araceae	Katchu	Herb	✓	✓	✓	✓
<i>Argemone mexicana</i>	Papaveraceae	Shelkanta	Herb	✓	✓		✓
<i>Costus speciosa</i>	Costaceae	Kushtha	Herb	✓	✓	✓	✓
<i>Nicotiana plumbaginifolia</i>	Solanaceae	Bantamak	Herb	✓	✓	✓	✓
<i>Tabernaemontana divaricata</i>	Apocynaceae	Tager	Shrub	✓	✓	✓	✓
<i>Rorippa indica</i>	Cruciferae	Ban Sarisha	Herb		✓	✓	✓
<i>Cyperus spp</i>	Cyperaceae		Herb	✓	✓	✓	✓
<i>Chrysopogon aciculata</i>	Gramineae	Chore kanta	Herb	✓	✓	✓	✓
<i>Cassia tora</i>	Leguminosae	Chakunda	Herb	✓	✓	✓	✓
<i>Cassia fistula</i>	Leguminosae	Bandar lathi sanalu	Tree	✓	✓	✓	✓
<i>Cassia occidentalis</i>	Leguminosae	Barakalkesunda	Shrub	✓	✓	✓	✓
<i>Cassia sophera</i>	Leguminosae	Chotto kalkesunda	Shrub	✓	✓	✓	✓
<i>Atsonia scholaris</i>	Apocynaceae	Chettim	Tree	✓	✓	✓	✓
<i>Acacia auriculiformis</i>	Leguminosae	Akashmoni	Tree	✓	✓	✓	✓
<i>Spondias dulcis</i>	Anacardiaceae	Belati amra	Tree	✓	✓	✓	✓
<i>Calotropis procera</i>	Asclepiadaceae	Swet akanal	Shrub	✓	✓	✓	✓
<i>Bombax cliba</i>	Bombacaceae	Simul, tula	Tree	✓	✓	✓	✓
<i>Anthocephalus chinensis</i>	Rubiaceae	Kadam	Tree	✓	✓	✓	✓
<i>Erythrina variegata</i>	Leguminosae	Mandar	Tree/ shrub	✓	✓	✓	✓
<i>Spilanthes acmella</i>	Compositae	Marhatiliga	Herb	✓	✓	✓	✓
<i>Jusuticia ganderusa</i>	Acanthaceae	Jagatmadan	Shrub/ Herb	✓	✓	✓	✓
<i>Physalis minina</i>	Solanaceae	Tepari	Herb	✓	✓	✓	✓
<i>Ocimum sanctum</i>	Labiatae	Tulsi	Herb	✓	✓	✓	✓
<i>Flacourtia indica</i>	Flacourtiaceae	Beuchi	Shrub/ Herb	✓	✓	✓	✓
<i>Eclipta prostrata</i>	Compositae	Kala keshi	Herb	✓	✓	✓	✓
<i>Lagerstroemia speciosa</i>	Lythidaceae	Jarul	Tree	✓	✓	✓	✓
<i>Terminalia arjuna</i>	Combretaceae	Arjun	Tree	✓	✓	✓	✓
<i>Tamarindus indica</i>	Leguminosae	Tentul	Tree		✓	✓	✓
<i>Urena lobata</i>	Malvaceae	Banokra	Herb		✓	✓	
<i>Sida acuta</i>	Malvaceae	Kureta	Herb	✓	✓	✓	✓
<i>Citrus grandis</i>	Rutaceae	Jambura	Tree	✓	✓	✓	✓
<i>Clematis gouriana</i>	Ranunculaceae	Chagalbati	Herb	✓	✓	✓	✓
<i>Ricinus communis</i>	Euphorbiaceae	Reri, Bherenda	Shrub	✓	✓	✓	✓
<i>Achyranthus aspera</i>	Amaranthaceae	Apang	Herb	✓	✓	✓	✓
<i>Ageratum conyzoides</i>	Compositae	Fulkuri	Herb		✓	✓	
<i>Commelina benghalensis</i>	Commelinaceae	Kanchira	Herb		✓	✓	✓
<i>Dioscorea alata</i>	Dioscoreaceae	Chuprialu	Herb		✓	✓	

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Scientific Name	Family Name	Native Name	Habits	District			
				Gaibandha	Jamalpur	Kurigram	Sirajganj
<i>Crataeva nurvala</i>	Capparidaceae	Barun	Tree	✓	✓	✓	✓
<i>Trewia polycarpa</i>	Euphorbiaceae	Latin	Tree	✓	✓	✓	✓
<i>Diospyros embryteris</i>	Ebenaceae	Gab	Tree	✓	✓	✓	
<i>Synedrella nodeflora</i>	Compositae	Synedra	Herb	✓		✓	
<i>Fimbristylis sp</i>	Cyperaceae		Herb	✓	✓	✓	✓
<i>Marsilea quadrifolia</i>	Marsileaceae	Sushnishek	Herb	✓		✓	✓
<i>Lindernia sp</i>	Scrophulariaceae		Herb	✓	✓	✓	✓
<i>Vandelia pyxidaria</i>	Rubiaceae	Bakpuspa	Herb	✓	✓	✓	✓
<i>Glycosmis arborea</i>	Rutaceae	Matmati, Datmajan	Shrub/ Herb	✓	✓	✓	✓
<i>Piper longum</i>	Piperaceae	Pipul	Herb	✓	✓	✓	✓
<i>Kyllingia monocephala</i>	Cyperaceae	Muthaghas	Herb	✓	✓	✓	✓
<i>Datura metel</i>	Solonaceae	Dhutra	Herb	✓		✓	✓
<i>Coccinia indica</i>	Cucurbitaceae	Telakucha	Herb	✓	✓	✓	✓
<i>Casuarina equisetifolia</i>	Casuarinaceae	Jhau	Tree	✓	✓	✓	✓
<i>Lantana camera</i>	Verbinaceae	Lantana	Herb		✓		✓
<i>Hyptis suaveolens</i>	Labiatae	Tokma	Herb		✓		✓
<i>Canna indica</i>	Cannaceae	Kolabati	Herb		✓		✓
<i>Adhatoda vasica</i>	Acanthaceae	Basak	Shrub		✓		
<i>Saccharum spontaneum</i>	Graminace	Kash	Herb	✓	✓	✓	✓
<i>Centella asiatica</i>	Hydrocotyleaceae	Than kuni	Herb	✓	✓	✓	✓
<i>Evolvulus numularis</i>	Convolvulaceae	Bhuiokra	Herb		✓		✓
<i>Zingiber spp</i>	Zingiberaceae		Herb	✓	✓	✓	✓
<i>Rauwolfia serpentina</i>	Apocynaceae	Sarpagandha	Herb				
<i>Lannea cromandelica</i>	Anacardiaceae	Jiga, Jiol	Tree	✓	✓	✓	✓

Note: The marked ✓ is shown the existence in the Study Area.

Table 2.4 Char Land Flora of the Districts in Gaibanda, Jamalpur, Kurigram and Sirajganj Districts

Scientific Name	Family Name	Nature Name	Habit	District			
				Gaibandha	Jamalpur	Kurigram	Sirajganj
<i>Xanthium indicum</i>	Compositae	Ghagra	Herb	✓	✓	✓	✓
<i>Cynodon dactylon</i>	Gramineae	Durbaghas	Herb	✓	✓	✓	✓
<i>Axonopus compressus</i>	Gramineae	Turf ghas	Herb			✓	✓
<i>Saccharum spontaneum</i>	Graminace	Kash	Herb	✓	✓	✓	✓
<i>Casuarina equisetifolia</i>	Casuarinaceae	Jhau	Tree	✓		✓	
<i>Amaranthus spinosus</i>	Amaranthaceae	Katanotey	Herb	✓	✓	✓	✓
<i>Alternanthera sesilis</i>	Amaranthaceae	Haicha	Herb	✓	✓	✓	✓
<i>Ipomoea fistulosa</i>	Convolvulaceae	Dhokalmi	Herb	✓	✓	✓	✓
<i>Chenopodium ambrosioides</i>	Chenopodiaceae	Chandonbeto	Herb	✓		✓	
<i>Leucas lavendulifolia</i>	Labiatae	Swetadran	Herb	✓	✓	✓	✓
<i>Blumea spp</i>	Compositae	Shealmutra	Herb	✓	✓	✓	✓
<i>Corton bonplandianum</i>	Euphorbiaceae	Croton	Herb	✓	✓	✓	✓
<i>Polygonum hydropiper</i>	Polygonaceae	Biskhatali	Herb		✓	✓	✓
<i>Vetiveria zizanioides</i>	Gramineae	Benna	Herb	✓	✓	✓	✓
<i>Scoparia dulcis</i>	Scrophulariaceae	Bandhuni	Herb	✓	✓	✓	✓
<i>Chrysopogon aciculata</i>	Gramineae	Chore kanta	Herb		✓	✓	✓
<i>Cassia tora</i>	Leguminosae	Chalkasunda	Herb		✓	✓	✓
<i>Spilanthes aemella</i>	Compositae	Marhatiga				✓	✓
<i>Physalis minima</i>	Solanaceae	Tepari	Herb	✓	✓	✓	✓
<i>Ocimum sanctum</i>	Labiatae	Tulsi	Herb	✓	✓	✓	✓
<i>Eclipta prostrata</i>	Compositae	Kolakeshi	Herb	✓	✓	✓	
<i>Achyranthus aspera</i>	Amaranthaceae	Apang	Herb	✓	✓	✓	
<i>Commelina benghalensis</i>	Commelinaceae	Kanchira	Herb		✓	✓	
<i>Kyllinga monocephala</i>	Cyperaceae	Muthaghas	Herb	✓	✓	✓	✓
<i>Desmodium tritolium</i>	Leguminosae	Kodaliya	Herb	✓	✓	✓	✓
<i>Equisetum sp</i>	Equisetaceae	Equisetum	Herb			✓	✓
<i>Heliotropium indica</i>	Boraginaceae	Hatisur	Herb	✓		✓	✓
<i>Vernonia cinerea</i>	Compositae	Kalajira	Herb	✓	✓	✓	✓
<i>Argemone mexicana</i>	Paraveraceae	Shealkanta	Herb		✓	✓	
<i>Fimbristylis sp</i>	Cyperaceae		Herb	✓	✓	✓	✓
<i>Dactyloctenium aegypticum</i>	Gramineae	Makra	Herb	✓	✓	✓	✓
<i>Datura metel</i>	Solanaceae	Dhutra	Herb	✓	✓	✓	✓
<i>Sida acuta</i>	Malvaceae	Kureta	Herb			✓	✓
<i>Urena lobata</i>	Malvaceae	Banokra	Herb	✓		✓	✓
<i>Zizypus mauritiana</i>	Rhamnaceae	Kul, Borai	Tree	✓	✓	✓	✓
<i>Colocasia esculenta</i>	Araceae	Kanchu	Herb	✓	✓	✓	✓
<i>Mikania cordata</i>	Compositae	Assanlata	Herb	✓	✓	✓	✓

Note: The marked ✓ is shown the existence in the Study Area.

Table 2.5 Wetland Flora of the Haor Area in Habiganj, Kishoreganj, Netrokona and Sunamganj Districts

Scientific Name	Family Name	Native Name	Habit	District			
				Habiganj	Kishoreganj	Netrokona	Sunamganj
<i>Eichhornia crassipes</i>	Pontederiaceae	Kachuripana	Herb	✓	✓	✓	✓
<i>Hydrilla verticillata</i>	Hydrocharitaceae	Janjhi, Kurcli	Herb	✓	✓	✓	✓
<i>Ceratophyllum demersum</i>	Ceratophyllaceae	Jhanjhi	Herb		✓		✓
<i>Utricularia aurea</i>	Utriculariaceae	Jhangi	Herb	✓	✓	✓	✓
<i>Trapa bispinosa</i>	Trapaceae	Singra, paniphal	Herb	✓	✓	✓	✓
<i>Scirpus articulatus</i>	Cyperaceae	Chechra	Herb		✓		✓
<i>Nymphoides indica</i>	Gentianaceae	Panchuli	Herb	✓	✓	✓	✓
<i>Nymphaea rubra</i>	Nymphaeaceae	Lal shapa	Herb	✓	✓	✓	✓
<i>Hygroryza aristata</i>	Gramineae	Phutki janglidhan	Herb	✓	✓	✓	✓
<i>Jussiaea repens</i>	Onagraceae	Kesardam	Herb	✓	✓	✓	✓
<i>Sagittaria sagittifolia</i>	Alismataceae	Chhotokut	Herb				✓
<i>Ipomoea aquatica</i>	Convolvulaceae	Kalmi	Herb	✓	✓	✓	✓
<i>Pistia strateotes</i>	Araceae	Topapana	Herb	✓	✓	✓	✓
<i>Salvinia cuculata</i>	Salviniaceae	Indurkanipana	Herb	✓	✓		✓
<i>Clynoogyne dichotoma</i>	Marantaceae	Sitalpati	Herb	✓	✓		✓
<i>Polygonum</i> <i>Hydropiper</i>	Polygonaceae	Biskhatali	Herb	✓	✓	✓	✓
<i>Trewia polycarpa</i>	Euphorbiaceae	Latim, pitali	Tree	✓	✓	✓	✓
<i>Barringtonia acutangula</i>	Lecythidaceae	Hijal	Tree	✓	✓	✓	✓
<i>Crataeva nurvala</i>	Capparidaceae	Barun, banny	Tree	✓	✓	✓	✓
<i>Colocasia esculenta</i>	Araceae	Katchu	Herb	✓	✓	✓	✓
<i>Cyperus sp</i>	Cyperaceae		Herb	✓	✓	✓	✓
<i>Monochoria vaginalis</i>	Pontederiaceae	Sarkachu	Herb	✓	✓	✓	✓
<i>Fimbristylis sp</i>	Cyperaceae		Herb				✓
<i>Ipomoea fistulosa</i>	Convolvulaceae	Dholkalmi	Herb	✓	✓	✓	✓
<i>Enhydra fluctuans</i>	Compositae	Helencha	Herb	✓	✓	✓	✓
<i>Aponogeton natans</i>	Aponogetonaceae	Ghenchu	Herb	✓	✓		✓
<i>Lemna perpusilla</i>	Limnaceae	Khudipana	Herb	✓	✓	✓	✓
<i>Calamus sp</i>	Palmae	Bet	Herb	✓	✓		✓
<i>Polygonum orientale</i>	Polygonaceae	Barapanimarich	Herb	✓	✓	✓	
<i>Limnophila gratiloides</i>	Serophulariaceae	Limnophila, Karpur	Herb	✓	✓		
<i>Anthocephalus chinensis</i>	Rubiaceae	Kadam	Tree	✓	✓		
<i>Vallisneria spiralis</i>	Hydrocharitaceae	Patajhangi	Herb		✓		✓
<i>Nymphaea stellate</i>	Nymphaeaceae	Nilshapla	Herb	✓	✓		
<i>Phragmites karkka</i>	Gramineae	Nal, Khagra	Herb	✓	✓	✓	✓
<i>Euryale ferox</i>	Nymphaeaceae	Makhna	Herb	✓		✓	✓
<i>Rosa involucrate</i>	Malvaceae	Bangolap	Herb	✓			✓
<i>Pongamia pinnata</i>	Pierreaceae	Koroch	Tree	✓		✓	✓
<i>Asparagus racemosus</i>	Liliaceae	Satamuli	Shrub				✓

Note: The marked ✓ is shown the existence in the Study area.

Table 2.6 Terrestrial Flora of Haor Area in Habiganj, Kishoreganj, Netrokona and Sunamganj Districts

Scientific Name	Family Name	Nature Name	Habit	District			
				Habiganj	Kishoreganj	Netrokona	Sunamganj
<i>Barringtonia acutangula</i>	Lecythidaceae	Hijal	Tree	✓	✓	✓	✓
<i>Crataeva nurvala</i>	Capparidaceae	Barun, banny	Tree	✓	✓	✓	✓
<i>Trewia polycarpa</i>	Euphorbiaceae	Latim, pitali	Tree	✓	✓	✓	✓
<i>Mangifera indica</i>	Anacardiaceae	Am	Tree	✓	✓	✓	✓
<i>Alstonia scholaris</i>	Apocynaceae	Chatim	Tree	✓	✓	✓	✓
<i>Bombix cliba</i>	Bombacaceae	Simul	Tree	✓	✓	✓	✓
<i>Diospyros embryteris</i>	Ebenaceae	Gab	Tree	✓	✓	✓	✓
<i>Acacia auriculiformis</i>	Leguminosae	Akashmoni	Tree	✓	✓	✓	✓
<i>Acacia mangium</i>	Leguminosae	Mangium	Tree	✓			✓
<i>Albizia procera</i>	Leguminosae	Koroi	Tree	✓	✓	✓	✓
<i>Anthocephalus chinensis</i>	Rubiaceae	Kadam	Tree	✓	✓	✓	✓
<i>Aegle marmelos</i>	Rutaceae	Bel	Tree	✓	✓	✓	✓
<i>Erythrina variegata</i>	Leguminosae	Madar	Tree	✓	✓	✓	✓
<i>Azadirachta indica</i>	Meliaceae	Neem	Tree	✓	✓	✓	✓
<i>Eucalyptus citriodora</i>	Myrtaceae	Eucalyptus	Tree	✓	✓		✓
<i>Grewia microcos</i>	Tiliaceae	Patka	Tree/ Shrub	✓	✓	✓	✓
Bambusa spp	Gramineae	Bans	Tree	✓	✓	✓	✓
Musa spp	Musaceae	Kala	Herb	✓	✓	✓	✓
<i>Clerodendrum viscosum</i>	Verbinaceae	Vat	Herb	✓	✓	✓	✓
<i>Vetiveria zizanoides</i>	Gramineae	Benna	Herb	✓	✓	✓	✓
<i>Dalbergia sissoo</i>	Leguminosae	Sisu	Tree	✓	✓	✓	✓
<i>Cassia fistula</i>	Leguminosae	Sonalu	Tree	✓	✓	✓	✓
<i>Calotropis procera</i>	Asclepiadaceae	Akond	Shrub	✓	✓	✓	✓
<i>Delonix regia</i>	Leguminosae	Krishnachura	Tree	✓	✓	✓	✓
<i>Ficus religiosa</i>	Moraceae	Assawath, Panbot	Tree	✓	✓	✓	✓
<i>Ficus glomoreta</i>	Moraceae	Jagadumur	Shrub		✓		✓
<i>Carica papaya</i>	Caricaceae	Pape	Shrub	✓	✓	✓	✓
<i>Samanea saman</i>	Leguminosae	Rendi, Raintree	Tree	✓	✓	✓	✓
<i>Syzygium cumini</i>	Myrtaceae	Jam	Tree	✓	✓	✓	✓
<i>Tamarindus indica</i>	Leguminosae	Tetul	Tree	✓	✓	✓	✓
<i>Zizyphus mauritiana</i>	Rhamnaceae	Boroi, Kul	Tree	✓	✓	✓	✓
<i>Colocasia esculenta</i>	Araceae	Katchu	Herb	✓	✓	✓	✓
<i>Croton bonplandianum</i>	Euphorbiaceae	Croton	Herb	✓	✓	✓	✓
<i>Crotalaria juncea</i>	Leguminosae	Shonpat	Herb	✓			✓
<i>Ipomoea fistulosa</i>	Convolvulaceae	Dholkalmi	Herb	✓	✓	✓	✓
<i>Alternanthera sesilis</i>	Amaranthaceae	Haicha	Herb	✓	✓	✓	✓
<i>Centella asiatica</i>	Hydrocotyleaceae	Thankuni	Herb	✓	✓	✓	✓
<i>Cynodon dactylon</i>	Gramineae	Durbaghas	Herb	✓	✓	✓	✓
<i>Axonopus compresus</i>	Gramineae	Turfgrass	Herb	✓	✓	✓	✓
<i>Heliotropium indicum</i>	Boraginaceae	Hatisur	Herb	✓	✓	✓	✓
<i>Eclipta prostrata</i>	Compositae	Kesaraj	Herb	✓	✓	✓	✓
<i>Polygonum hydropiper</i>	Polygonaceae	Biskhatali	Herb	✓	✓	✓	✓
<i>Ocimum sanctum</i>	Labiatae	Bontulshi	Herb	✓		✓	✓
<i>Leucas lavendulifolia</i>	Labiatae	Swetadran	Herb	✓	✓	✓	✓
<i>Rorippa indica</i>	Cruciferae	Bonsarisha	Herb	✓			✓

Scientific Name	Family Name	Nature Name	Habit	District			
				Habiganj	Kishoreganj	Netrokona	Sunamganj
<i>Blumea lacera</i>	Compositae	Sheyalmutra	Herb	✓	✓	✓	✓
<i>Chrysopogon aciculata</i>	Gramineae	Chore kata	Herb	✓	✓	✓	✓
<i>Chenopodium ambrosioides</i>	Chenopodiaceae	Chandonbeto	Herb	✓	✓	✓	✓
<i>Phragmites Kkarka</i>	Gramineae	Khagra, Nal	Herb	✓	✓	✓	✓
<i>Fimbristylis sp</i>	Cyperaceae		Herb	✓	✓	✓	✓
<i>Lippia nodiflora</i>	Compositae	Bhuiorkra	Herb	✓	✓	✓	✓
<i>Asparagus racemosus</i>	Liliaceae	Satamuli	Herb				✓
<i>Calamus sp</i>	Palmae	Bet	Herb	✓	✓	✓	✓
<i>Pteris sp</i>	Pteridophyte		Herb	✓	✓	✓	✓
<i>Xanthium indicum</i>	Compositae	Ghagra	Herb/ Shrub	✓	✓	✓	✓
<i>Lindernia procumbens</i>	Scrophulariaceae	Bakpuspa	Herb	✓	✓	✓	✓
<i>Solanum nigrum</i>	Solanaceae	Phutibegun	Herb	✓	✓	✓	✓
<i>Clerodendrum serratum</i>	Verbinaceae	Bamonhats	Shrub		✓		✓
<i>Polygonum sp</i>	Polygonaceae		Herb	✓			✓
<i>Clematis gouriana</i>	Ranunculaceae	Chagalbati	Herb	✓	✓	✓	✓
<i>Commelina benghalensis</i>	Commelinaceae	Kanchira	Herb	✓	✓	✓	✓
<i>Cynogyne dichotoma</i>	Marantaceae	Sitalpati	Herb	✓	✓	✓	✓
<i>Setaria sp</i>	Gramineae		Herb	✓		✓	✓
<i>Urena lobata</i>	Malvaceae	Banokra, Jangli	Herb	✓	✓	✓	✓
<i>Urena sinuate</i>	Malvaceae	Kunjira	Herb	✓		✓	
<i>Leucas aspera</i>	Labiatae	Shetadron	Herb			✓	✓
<i>Areca catechu</i>	Plamae	Supari	Tree	✓	✓	✓	✓
<i>Cocos nucifera</i>	Palmae	Narikel	Tree	✓	✓	✓	✓
<i>Phoenix sylvestris</i>	Palmae	Khejur	Tree	✓	✓	✓	✓
<i>Sida acuta</i>	Malvaceae	Kureta	Herb	✓	✓	✓	✓
<i>Sida cordifolia</i>	Malvaceae	Berela, kureta, cola	Herb	✓		✓	
<i>Mikania cordata</i>	Compositae	Assamlata, Taratala	Herb	✓	✓	✓	✓
<i>Spilanthes acmella</i>	Compositae	Marhatitiga	Herb	✓	✓	✓	✓
<i>Vernonia cinerea</i>	Compositae	Kalajira	Herb	✓	✓	✓	✓
<i>Solanum indicum</i>	Solanaceae	Titbegun	Shrub	✓	✓	✓	
<i>Cassia tora</i>	Leguminosae	Kalkasundra	Herb	✓	✓	✓	✓
<i>Cassia occidentalis</i>	Leguminosae	Bara kalkesunda	Shrub	✓	✓	✓	✓
<i>Scoparia dulcis</i>	Scrophulariaceae	Bondhoney	Herb	✓	✓	✓	✓
<i>Coccinia indica</i>	Cucurbitaceae	Telakucha	Herb	✓	✓	✓	✓
<i>Polygonum orientale</i>	Polygonaceae	Barapanimarich	Herb	✓	✓	✓	✓
<i>Amaranthus spinosus</i>	Amaraanthaceae	Kantanotey	Herb	✓	✓	✓	✓
<i>Phyllanthus reticulatus</i>	Eupherbiaceae	Chitki	Shrub	✓	✓		✓
<i>Swietenia mahagoni</i>	Meliaceae	Mehagini	Tree	✓	✓	✓	✓
<i>Leonurus sibiricus</i>	Libiatae	Raktadrone	Herb	✓	✓	✓	✓
<i>Ficus benghalensis</i>	Moraceae	Bot	Tree	✓	✓	✓	✓
<i>Ficus hispida</i>	Moraceae	Kakdumur	Shrub		✓		✓
<i>Costus speciosa</i>	Costaceae	Kushtha	Herb	✓	✓	✓	✓
<i>Terminalia arjun</i>	Combretaceae	Arjun	Tree	✓	✓	✓	✓
<i>Lagerstroemia speciosa</i>	Lythidaceae	Jarul	Tree	✓	✓	✓	✓
<i>Glycosmis arborea</i>	Rutaceae	Matmati	Herb	✓	✓	✓	✓
<i>Datura metol</i>	Solanaceae	Dhutra	Herb	✓	✓	✓	✓

Note: The marked ✓ is shown the existence in the Study Area.

Table 2.7 Identified Wetland Wildlife and Fish Fauna in Char and Haor Area

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
	Amphibia	Ranidae															
A			Skipper frog	<i>Euphyctis cyanophlyctis</i> *	+			+									S, H, K, N, S _j , Kr, G, J
	Reptilia	Bataguridae*															
R			Indian Roofed Turtle	<i>Kachuga tecta</i>			+		+								S, H, N, Kr, G, J
R			Brahmini River Turtle	<i>Hardella thurji</i>			+				+					+	S, H, K, N, S _j , Kr, G, J
R			Common Batagur	<i>Batagur baska</i>			+			+						+	S, H, K, N, S _j , Kr, G, J
R			Median Roofed Turtle	<i>Kachuga tentoria</i>			+				+					+	H, K, G, J
R		Trionychidae	Ganges Shell	<i>Aspideretes gangeticus</i> *			+			+						+	S, H, G, J
R		Natricidae	Dark-bellied Marsh Snake	<i>Xenochrophis cerasogaster</i>			+					+					S, H, Kr, J
R			Checkered Keelback	<i>Xenochrophis piscator</i>			+		+								S, H, K, N, S _j , Kr, G, J
R		Homalopsidae	Common Smooth Water Snake	<i>Enhydris enhydris</i>			+		+								S, H, K, N, S _j , Kr, G, J
	Aves	Dendrocygnidae															
B			Fulvous Whistling-duck*	<i>Dendrocygna bicolor</i>			+		+								S, H, J
B			Lesser Whistling-duck*	<i>Dendrocygna javanica</i>			+		+								S, H, K, N, S _j , Kr, G, J
B			Falcated Teal	<i>Anas falcata</i>			+		+								S, N, Kr,

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
B			Mallard	<i>Anas platyrhynchos</i>			+						+				G, S, J
B			Garganey	<i>Anas querquedula</i>			+		+								S, H, K, N, Sj, Kr, G, J
B		Anatidae	Spot-billed Duck*	<i>Anas poecilorhyncha</i>			+						+				S, H, Sj, J
B			Common Teal	<i>Anas crecca</i>			+		+								MB, S, H, K, N
B		Rallidae	Brown Crane	<i>Amaurornis akool</i>			+		+								S, K, Sj
B			White-breasted Waterhen	<i>Amaurornis phoenicurus</i>			+	+									S, H, K, N, Sj, Kr, G, J
B			Watercock	<i>Gallinix cinerea</i>			+	+									S, H, K, N, Sj, Kr, G, J
B			Common Moorhen*	<i>Gallinula chloropus</i>			+		+								S, H, K, N, Sj, Kr, G, J
B			Purple Swamphen	<i>Porphyrio porphyrio</i>			+		+								H, K, N, J
B			Common Coot*	<i>Fulica atra</i>			+								+		MB, S, H, K, N, Sj, Kr, G, J
B			Water Rail	<i>Rallus aquaticus</i>			+									+	MB, S, H, K, N, Sj, Kr, G, J
B		Podicipedidae*	Little Grebe	<i>Tachybaptus ruficollis*</i>			+		+								S, H, K, N, Sj, Kr, G, J
B			Great Crested Grebe	<i>Podiceps cristatus</i>			+		+								MB, S, H, Sj,
B		Anhingidae*	Darter	<i>Anhinga melanogaster*</i>			+						+				S, H, Sj, J
B		Phalacrocoracidae*	Indian Cormorant*	<i>Phalacrocorax fuscicollis</i>			+								+		S, H, K, N, Sj, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
			Great Cormorant	<i>Phalacrocorax carbo</i>	+				+								S, N, Sj, J
B			Little Cormorant	<i>Phalacrocorax niger</i>	+			+									S, H, K, N, Sj, Kr, G, J
	Mammalia																
		Platanistidae															
M			Ganges River Dolphin	<i>Platanista gangetica</i>			+				+						S, H, K, N, Sj, Kr, G, J
	Osteichthyes																
		Cyprinidae															
F			Flying Barb	<i>Esomus danricus</i>			+								+		S, H, K, N, Sj, Kr, G, J
F			Blackline Rasbora	<i>Parulicosoma daniconius*</i>			+								+		S, H, K, N, Sj, Kr, G, J
F			Black Rohu	<i>Labeo calbansa</i>			+				+						S, H, K, N, Sj, Kr, G, J
F			Rohu	<i>Labeo rohita</i>	+				+								S, H, K, N, Sj, Kr, G, J
F			Reba Carp	<i>Cirrhinus reba</i>			+					+					S, H, N, Sj, Kr, G, J
F			Mrigal	<i>Cirrhinus mrigala</i>			+								+		S, H, K, N, Sj, Kr, G, J
F			Olive Barb	<i>Puntius sarana</i>			+			+							S, H, K, N, Sj, Kr, G, J
F			Ticto / Firefin Barb	<i>Puntius ticto</i>	+							+					S, H, K, N, Sj, Kr, G, J
F			Swamp Barb	<i>Puntius chola*</i>			+		+								S, H, K, N, Sj, Kr, G, J
F			Cotio	<i>Osteobrama cotio*</i>			+				+						S, H, K, N, Sj, Kr, G, J
F			Large Razorbelly	<i>Salmostoma bacaila</i>			+		+								S, H, K, N, Sj, Kr, G, J
F			Gangetic Latia	<i>Chrossocheilus latius</i>			+				+						S, H, Kr
F			Catla	<i>Catla catla</i>			+		+								S, H, K, N,

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
																	Sj, Kr, G, J
		Cobitidae															
F			Gongata Loach	<i>Somileptes gongota</i>			+		+								S, H, G, J
F			Annandale Loach	<i>Lepidocephalus annandalei</i>			+		+								S, H
F		Baklitoridae*					+										
			---	<i>Nemacheilus botio</i>			+								+		S, Kr
F		Clariidae	Magur	<i>Clarius batrachus</i>	+				+								S, H, K, N, Sj, Kr, G, J
F		Heteropneustidae	Stinging Catfish	<i>Heteropneustes fossilis</i>	+				+								S, H, K, N, Sj, Kr, G, J
F		Siluridae	Freshwater Shark	<i>Wallago attu</i>	+				+								S, H, K, N, Sj, Kr, G, J
F			Pabda Catfish	<i>Ompok pabda</i>			+			+							S, H, K, N, Sj, Kr, G, J
F			Indian Butter-catfish	<i>Ompok bimaculatus</i>			+			+							S, H, K, N, Sj, Kr, G, J
F			Pabo Catfish	<i>Ompok pabo</i>			+			+							S, H, K, N, Sj, Kr, G, J
F		Chacidae	Indian Chaca	<i>Chaca chaca</i>			+			+							H, K, G, J
F		Bagridae	Tengra Mystus	<i>Mystus tengara</i>	+				+								S, H, K, Sj, Kr, G, J N
F			Striped Dwarf Catfish	<i>Mystus vittatus</i>			+		+								S, H, K, N, Sj, Kr, G, J
F			Menoda Catfish	<i>Mystus menoda</i>			+								+		S, H, N, Sj, Kr, G, J
F			Gangetic Mystus	<i>Mystus cavasius</i>			+					+					S, H, K, N, Sj, Kr, G, J
F			Tista Batasuio	<i>Batasio batasio</i>			+										K, N, J
F			Long-whiskered Catfish	<i>Aorichthys aor*</i>			+		+			+					S, H, K, N, Sj, Kr, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
F			Giant River Catfish	<i>Aorichthys seenghala*</i>			+				+						S, J
		Schibeidae															
F			Indian Potasi	<i>Pseudotropius atherinoides</i>			+		+								S, H, G, J
F			Gangetic Ailia	<i>Ailia colta</i>			+		+								S, H, Kr, G, J
F			Batchwa Bacha	<i>Eutropichthys vacha</i>			+			+							S, H, J
F			Silondia Vacha	<i>Silonia silondia</i>			+				+						S, H, K, N, S, J, Kr, G, J
F			Jamuna Ailia	<i>Ailia punctata*</i>			+					+					S, H, K, N, S, J, Kr, G, J
F			Garua Bacha	<i>Chupisoma garua</i>			+			+							S, H, K, N, S, J, Kr, G, J
F		Ariidae*	--	<i>Tachysurus nenga</i>													S, G
F			Gagora catfish	<i>Arius gagora*</i>			+							+			S, H, K, N, S, J, Kr, G, J
F			Soldier Catfish	<i>Osteogeneiosus militaris</i>			+								+		S, H, K, N, S, J, Kr, G, J
F		Pangasidae*	Pangus	<i>Pangasius pangasius</i>	+					+							S, H, K, N, S, J, Kr, G, J
F		Belonidae	Freshwater Garfish	<i>Xenentodon cancila</i>	+			+									K, N, J
F		Channidae	Asiatic Snakehead	<i>Channa orientalis*</i>			+					+					S, H, K, N, S, J, Kr, G, J
F			Spotted Snakehead	<i>Channa punctatus</i>			+		+								S, H, K, N, S, J, Kr, G, J
F		Centropomidae	--	<i>Chanda baculis</i>													S, K, N, Kr, G
F			--	<i>Chanda ranga</i>													S, H, G
		Mastacembelidae															

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
F			Striped Spinyeel	<i>Mastacembelus pancalus</i>	+				+								S, H, K, N, Sj, Kr, G, J
F			Tire-trak Spinyeel	<i>Mastacembelus armatus</i>			+				+						S, H, K, N, Sj, Kr, G, J
F			One-stripe Spinyeel	<i>Macrogonathus aculeatus</i>			+					+					S, H, K, N, Sj, Kr, G, J
F		Anabantidae	Climbing Perch	<i>Anabas testudineus</i>	+				+								S, H, K, N, Sj, Kr, G, J
F		Pristolepidae	Dwarf Chameleon fish	<i>Badis badis</i>			+				+						S, H, K, N, Sj, Kr, G, J
F		Nanidae	Mud Perch / Mottled Nandus	<i>Nandus nandus</i>			+					+					S, H, K, N, Sj, Kr, G, J
F		Toxotidae	Spotted Chatareus	<i>Toxotes charareus</i>			+								+		S, H, K, N, Sj, Kr, G, J
F		Polynemidae	Indian Threadfish	<i>Polydactylus indicus*</i>			+		+								S, H, K, N, Sj, Kr, G, J
F		Belontiidae	Sunset Gourami	<i>Colisa sota</i>	+			+									S, H, K, N, J, G
F			Giant Gourami	<i>Colisa fasciatus*</i>			+		+								S, G, J
F			Dwarf Gourami	<i>Colisa lalia*</i>	+				+								H, G, J
F		Eleotridae	Duckbill Sleeper	<i>Butis butis</i>			+										S, H, K, N, Sj, Kr, G, J
F		Gobiidae	---	<i>Pseudopocryptes lanceolatus*</i>													K, N, Sj, Kr, G, J
F			Tank Goby	<i>Glossogobius giurus</i>			+		+								S, H, K, N, Sj, Kr, G, J
F			--	<i>Awaous guttum*</i>			+		+								N, Kr,
F			--	<i>Awaous grammepomus</i>			+		+								S, H, K, N, Sj, Kr, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
F			Bumblebee Goby	<i>Brachygnathus nana</i>			+								+		S, H, K, N, S _j , Kr, G, J
F			---	<i>Apocryptes bato</i>			+		+								S, J
F			---	<i>Scartelaos histophorus</i> *			+								+		S, J
F			--	<i>Periophthalmus keolreuteri</i>			+								+		S, G
F		Csaienidae	Coitor Croaker	<i>Johnius coitor</i>			+		+								S, H, K, N, S _j , Kr, G, J
F		Tetraodontidae	Green Pufferfish	<i>Chelodon fluviatilis</i> *	+				+								S, H, K, N, S _j , Kr, G, J
F			Gangetic Pufferfish	<i>Chelodon potoca</i> *			+		+								S, H, K, N, S _j , Kr, G, J
F		Clupeidae	Hilsa	<i>Temalosa ilisha</i> *			+		+						+		S, H, K, N, S _j , Kr, G, J
F			Ganga River-Sprat	<i>Corica soborna</i>	+				+								S, H, K, N, S _j , Kr, G, J
F			Burmese River Shad	<i>Gudusia varigata</i>			+										S, G, J
F			Indian River Shad	<i>Gudusia chapra</i>			+		+								S, H, G, J
F			Bloch's Gizzard Shad	<i>Nematolosa nasus</i>			+		+								N, J
F			Indian Pellona	<i>Pellona ditchela</i>			+								+		S, H, K, N, S _j , Kr, G, J
F		Engraulidae	Gangetic Haitfin Anchovy	<i>Setipinna phasa</i>			+		+								S, H, K, N, S _j , Kr, G, J
F		Notopteridae	Humped Featherback	<i>Notopterus chitala</i>			+				+						S, H, K, N, Kr, G, J
F			Grey Featherback	<i>Notopterus notopterus</i>			+					+					S, G, J
		Bothidae															

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
F			Largetooth flounder	<i>Pseudorhombus arius</i>			+								+		S, H, K, N, Sj, Kr, G, J
		Opichthidae															
F			Rice-paddy Eel	<i>Pisodonophis boro*</i>			+		+								S, H, K, N, Sj, Kr, G, J
F			Longfin Snake-eel	<i>Pisodonophis cancrivorus</i>			+						+				S, H, K, N, Sj, Kr, G, J
		Cynoglossidae															
F			Gangetic Tonguesole	<i>Cynoglossus cynoglossus</i>			+								+		S, H, K, N, Sj, Kr, G, J
		Muraenossocidae															
F			Common Pipe – conger	<i>Muraenosox bogio</i>			+		+								S, H, Sj, Kr, G, J
		Syngnathidae															
F			Freshwater Pipefish	<i>Dorichthyes cunocalus</i>			+								+		S, H, K, N, Sj, Kr, G, J

Note : A = Amphibia, B = Bird, M = Mammal, R = Reptile, F = Fish, O = Observed, P = Previous record, L = Local Information, VC = Very Common, CO = Common, CE = Critically Endangered, E = Endangered, V = vulnerable, R = Rare, I = Interminate, K = Insufficiently Known, CT = Commercially Threatened. MB = Migratory Bird, S = Sunamganj, H = Habiganj, K = Kishoreganj, N = Netrokona, Kr = Kurigram, Sj = Sirajganj, G = Gaibandha, J = Jamalpur, * = new name followed.

Table 2.8 Identified Terrestrial Wildlife in Char and Haor Area

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
	Amphibia																
A		Bufo	Common Toad	<i>Bufo melanostictus</i>	+			+									S, H, K, N, Sj, Kr, G, J
A		Microhylidae	Ornate Microhylid	<i>Microhyla ornata</i>	+							+					H, G, J
A		Rhacophoridae	Maculated Tree frog	<i>Polypedates maculatus*</i>	+				+								S, H, K, N, Sj, Kr, G, J
A		Ranidae	Bull frog	<i>Hoplobatrachus tigerinus*</i>	+			+								+	S, H, K, N, Sj, Kr, G, J
A			Cricket frog	<i>Limnonectes limnocharis*</i>	+			+									S, H, K, N, Sj, Kr, G, J
A			Boulenger's Frog	<i>Rana alticola</i>	+							+					S, H, K, N, Sj, Kr, G, J
	Reptilia																
R		Gekkonidae	Common House Lizard	<i>Hemidactylus flaviviridis</i>	+			+									S, H, K, N, Sj, Kr, G, J
R			Common House Lizard	<i>Hemidactylus brooki</i>			+		+								S, H, K, N, Sj, Kr, G, J
R		Agamidae	Common Garden Lizard	<i>Calotes versicolor</i>			+		+								S, H, K, N, Sj, Kr, G, J
R		Scincidae	Common Skink	<i>Mabuya carinata</i>			+		+								S, H, K, N, Sj, Kr, G, J
R		Varanidae	Bengal, Grey Monitor Lizard	<i>Varanus bengalensis</i>			+					+				+	S, H, K, N, Sj, Kr, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
R			Yellow Monitor / Common Lizard	<i>Varanus salvator</i>							+					+	Sj, Kr, G, J
R		Typhlopidae	Common Worm Snake	<i>Ramphotylops bramina*</i>			+		+								K, N, G, J
R		Dipsadidae	Common Wolf Snake	<i>Lycodon aulicus</i>			+					+					S, H, K, N, Sj, Kr, G, J
R		Colubridae	Rat Snake	<i>Coluber mucosus*</i>			+					+					S, H, K, N, Sj, Kr, G, J
R		Elaphidae	Common Krait	<i>Bungarus caeruleus</i>		+					+						N, Kr
	Aves																
B		Alcedinidae	Common Kingfisher	<i>Alcedo atthis</i>				+									S, H, K, N, Sj, Kr, G, J
B		Ceryllidae*	Pied Kingfisher*	<i>Ceryle radis</i>					+								S, H, N, Kr, J
B		Upupidae	Common Hoopoe	<i>Upupa epops</i>			+		+								Kr, G, J
B		Megalaimidae	Lineated Barbet	<i>Megalaima lineata</i>					+								S, H, K, N, Sj, Kr, G, J
B		Picidae	Brown-capped Pygmy Woodpecker*	<i>Dendrocopos nanus*</i>			+								+		Kr, J
B			Black-rumped Flamback*	<i>Dinopium benghalense</i>			+		+								K, N, G, J
B		Phasianidae	Swamp Francolin*	<i>Francolinus gularis</i>			+			+							S, H, K, N, Sj, Kr, G, J
B			Manipur Bush	<i>Pardalipicus</i>			+				+						S, H, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
			Quail*	<i>manipurensis</i>													
		Cuculidae															
B			Greater Coucal*	<i>Centropus sinensis</i>	+				+								K, N, Kr, J
B			Indian Cuckoo	<i>Cuculus micropterus</i>	+				+								S, H, K, N, Sj, Kr, G, J
		Psittacidae															
B			Roseringed Parakeet	<i>Psittacula krameri</i>	+				+								S, H, K, N, Sj, Kr, G, J
		Apodidae															
B			House swift	<i>Apus affinis</i>	+			+									G
		Tytonidae															
B			Barn Owl	<i>Tyto alba</i>			+		+								H, K, G, J
		Strigidae															
B			Brown Fish Owl	<i>Ketupa zeylonensis*</i>			+					+					S, H, K, N, Sj, Kr, G, J
B			Tyne Fish Owl	<i>Ketupa flavipes</i>			+				+						H, J
		Caprimulgidae															
B			Indian Nightjar	<i>Caprimulgus asiaticus</i>			+						+				S, H, K, Kr, G, J
		Columbidae															
B			Rock Pigeon*	<i>Columba livia</i>	+				+								S, H, K, N, Sj, Kr, G, J
B			Spotted Dove	<i>Streptopelia chinensis</i>	+				+								S, H, K, N, Sj, Kr, G, J
		Jacnidae															
B			Pheasant-tail Jacana	<i>Hydrophasianus chirurgus</i>			+		+								S, H, G, J
B			Bronze-winged Jacana	<i>Metopidius indicus</i>			+	+									S, H, K, N, Sj, Kr, G, J
		Scelopacidae															
B			Common Sandpiper	<i>Actitis hypoleucos*</i>			+		+								MB, S, H, K, N, Sj, Kr, G, J
B			Little Stint	<i>Calidris minuta</i>			+								+		MB
B			Curlew Sandpiper	<i>Calidris ferruginea</i>			+		+								MB, S, H, K, N, Sj, Kr, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
B			Fantail Snipe*	<i>Gallinago gallinago</i>													MB, S, H, G, J
B			Eurasian Curlew*	<i>Numenius arquata</i>			+						+				MB, H
B			Marsh Sandpiper	<i>Tringa stagnatilis</i>			+		+								MB, S, H, K, N, Sj, Kr, G, J
		Charadriidae															
B			River Lapwing*	<i>Vanellus duvaucelli</i>			+				+						N, J
B			Red-wattled Lapwing	<i>Vanellus indicus</i>			+		+								K, N, J
		Glareolidae															
B			Small Pratincole*	<i>Glareola lactea</i>			+		+								Sj, J
		Pelecanidae															
B			Great White Pelican	<i>Pelicanus onocrotalus</i>											+		MB, Kr
		Laridae															
B			Gull-billed Tern	<i>Gelochelidon nilotica</i>			+		+								S, H, K, N, Sj, Kr, G, J
B			Indian Skimmer	<i>Rynchops albicollis</i>			+				+						S, H, N, Kr, G, J
B			Little Tern	<i>Sterna albifrons</i>			+			+							S, H, K, N, Sj, Kr, G, J
B			River tern*	<i>Sterna aurantia</i>													S, H, K, N, Sj, Kr, G, J
		Glareolidae															
B			Little Ringed Plover	<i>Charadrius dubius</i>			+		+								MB, S, H, K, N, Sj, Kr, G, J
		Accipitridae*															
B			White-rumped Vulture*	<i>Gyps bengalensis</i>					+								S, H, K, N, Sj, Kr, G, J
B			Pied Harrier	<i>Circus melanoleucos</i>			+								+		MB, J
B			Pallas's Eagle*	<i>Haliaeetus leucorhynchus</i>													S, H, K, N, Sj, Kr, G, J
B			Brahminy Kite	<i>Haliastur indus</i>													Sj, Kr, G, J
B			Eurasian Marsh	<i>Circus aeruginosus</i>			+								+		MB, S, H

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
B			Harrier*														H, Kr, G, J
B			Black Kite*	<i>Milvus migrans</i>	+				+								S, H, K, N, Sj, Kr, G, J
B			Grey-headed Fish Eagle	<i>Ichthyophaga ichthyaeus</i>	+				+								S, H, K, N, Sj, Kr, G, J
		Ardeidae															
B			Indian Pond heron*	<i>Ardeola grayii</i>	+			+									S, H, K, N, Sj, Kr, G, J
B			Cattle Egret	<i>Bubulcus ibis</i>	+			+									S, H, K, N, Sj, Kr, G, J
B			Great Egret*	<i>Casmerodius albus*</i>		+			+								S, H, K, N, Sj, Kr, G, J
B			Little Egret	<i>Egretta garzetta</i>	+			+									S, H, K, N, Sj, Kr, G, J
B			Cinnamon Bittern*	<i>Ixobrychus cinnamomeus</i>		+			+								S, H, K, N, Sj, Kr, G, J
B			Intermediate Egret*	<i>Mesophoyx intermedia*</i>	+				+								S, H, K, N, Sj, Kr, G, J
		Coccyidae															
B			Asian Openbill*	<i>Anastomus oscitans</i>		+			+								S, H, G, J
B			Greater Adjutant*	<i>Leptoptilos dubius</i>		+				+							S, H
B			Lesser Adjutant	<i>Leptoptilos javanicus</i>		+					+						S, H, J
		Threskiornithidae															
B			Glossy Ibis	<i>Plegadis papillosa</i>			+								+		S
		Corvidae															
B			Jungle Crow	<i>Corvus macrorhynchos</i>	+			+									S, H, K, N, Sj, Kr, G, J
B			House crow	<i>Corvus splendens</i>	+			+									S, H, K, N, Sj, Kr, G, J
B			Rufous Tree Pie*	<i>Dendrocitta vagabunda</i>	+				+								S, H, K, N, Sj, Kr, G, J
		Oriolidae															
B			Black-headed Oriole	<i>Oriolus xanthornus</i>	+				+								S, H, K, N, Sj, Kr, G, J
		Alcedinidae															
B			Common Iora	<i>Aegithina tiphia</i>			+		+								S, H, K, N, Sj, Kr, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
B		Dicruridae	Black Drongo	<i>Dicrurus macrocercus*</i>	+		+										S, H, K, N, Sj, Kr, G, J
B			Bronzed Drongo	<i>Dicrurus aeneus</i>	+			+									S, H, K, N, Sj, Kr, G, J
B		Campeplagidae	Small Minivet	<i>Pericrocotus cinnamomeus</i>		+			+								K, J
B		Muscicapidae	White-throated Fantail*	<i>Rhipidura albicollis</i>	+				+								S, H, K, N, Sj, Kr, G, J
B			Asian Paradise-flycatcher*	<i>Terpsiphone paradisi</i>	+								+				J
B			Oriental Magpie Robin*	<i>Copsychus saularis</i>	+		+										S, H, K, N, Sj, Kr, G, J
B			Pied Bushchat	<i>Saxicola caprata</i>		+									+		N, Kr, G, J
B		Sturnidae	Common Myna	<i>Acridotheres tristis</i>	+		+										S, H, K, N, Sj, Kr, G, J
B			Bank Myna	<i>Acridotheres ginginianus</i>	+		+										Kr, G, J
B			Asian Starling*	<i>Sturnus contra</i>	+		+										S, H, K, N, Kr, G, J
B		Paridae	Great Tit*	<i>Parus major</i>	+				+								K, N, Kr, G, J
B		Pycnonotidae	Red-vented Bulbul	<i>Pycnonotus cafer</i>	+		+										S, H, K, N, Sj, Kr, G, J
B		Cisticolidae	Grey-breasted Prinia*	<i>Prinia hodgsonii</i>	+				+								S, H, K, N, Sj, Kr, G, J
B		Salviidae*	Common Tailorbird	<i>Orthotomus sutorius</i>	+		+										S, H, K, N, Sj, Kr, G, J
B			Common Babbler	<i>Turdoides caudatus</i>			+								+		S, H, K, N, Sj, Kr, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
B			Jungle Babbler	<i>Turdoides striatus</i>	+				+								K, N, Sj, Kr, G, J
B		Alcedinidae	Rufous-winged Bushlark*	<i>Mirafra assamica</i>	+				+								S, H, K, N, Sj, Kr, G, J
B		Nectariniidae	Purple Sunbird	<i>Nectarinia asiatica</i>	+				+								S, H, K, N, Sj, Kr, G, J
B			Little Spiderhunter	<i>Arachnothera longoropstra</i>			+		+								S, H, K, N, Sj, Kr, G, J
B		Motacillidae	White Wagtail	<i>Motacilla alba</i>			+		+								MB, Kr
B		Passeridae	Black-headed Munia	<i>Lonchura malacca</i>	+				+								K, N, G, J
B			Scally-breasted Munia*	<i>Lonchura punctulata</i>			+		+								Kr, N
B			House Sparrow	<i>Passer domesticus</i>	+												S, H, K, N, Sj, Kr, G, J
B			Baya Weaver*	<i>Ploceus philippinus</i>	+				+								S, H, K, N, Sj, Kr, G, J
B			Paddyfield Pipit	<i>Anthus rifutus*</i>	+				+								MB, S, H, K, N, Sj, Kr, G, J
	Mammalia																
		Canidae	Jakal	<i>Canis aureus</i>			+					+					S, H, K, N, Sj, Kr, G, J
M		Felidae	Fishing cat	<i>Prionailurus bengalensis</i>			+				+						K, N, G, J
		Soricidae	Grey Shrew	<i>Suncus murinus</i>			+		+								S, H, K, N, Sj, Kr, G, J
M		Pteropodidae	Flying Fox	<i>Pteropus giganteus</i>	+												S, H, N, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	P	L	VC	CO	CE	E	V	R	I	K	CT	REMARK
M		Vespertilionidae	Indian Pipistrelle	<i>Pipistrellus coromandra</i>	+				+								S, H, K, N, Sj, Kr, G, J
M		Herpestidae	Small Indian Mongoose	<i>Hervestid auropunctatus</i>			+		+								S, H, K, N, Sj, Kr, G, J
M		Mustelidae	Common Otter	<i>Lutra lutra</i>			+		+								S, H, K, N, Sj, Kr, G, J
M		Sciuridae	Irrawaddy Squirrel	<i>Callosciurus pygerythrus</i>			+		+								S, H, K, N, Sj, Kr, G, J
M		Muridae	Indian mole Rat	<i>Bendicota bengalensis</i>			+	+									S, H, K, N, Sj, Kr, G, J
M			Bandicoot Rat	<i>Bandicota indica</i>			+	+									S, H, K, N, Sj, Kr, G, J
M			Indian Field Mouse	<i>Mus booduga</i>			+										S, H, K, N, Sj, Kr, G, J
M			House Mouse	<i>Mus musculus</i>			+	+									S, H, K, N, Sj, Kr, G, J
M			Common House Rat	<i>Rattus rattus</i>			+		+								S, H, K, N, Sj, Kr, G, J

Note : A = Amphibia, B = Bird, M = Mammal, R = Reptile, F = Fish, O = Observed, P = Previous record, L = Local Information, VC = Very Common, CO = Common, CE = Critically Endangered, E = Endangered, V = vulnerable, R = Rare, I = Interminate, K = Insufficiently Known, CT = Commercially Threatened, S = Sunamganj, H = Habiganj, K = Kishoreganj, N = Netrokona, Kr = Kurigram, Sj = Sirajganj, G = Gaibandha, J = Jamalpur, MB = Migratory Bird, * = new name followed.

Table 2.9 Critically Endangered, Endangered and Vulnerable Wildlife and Fish Fauna in Char and Haor Area

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	CE	E	V	REMARK
A		Microhylidae	Ornate Microhylid	<i>Microhyla ornata</i>	+			+	H, G, J
A		Ranidae	Boulenger's Frog	<i>Rana alticola</i>	+			+	S, H, K, N, S, J, Kr, G, J
	Reptilia								
		Bataguridae*							
R			Brahmini River Turtle	<i>Hardella thurji</i>			+		S, H, K, N, S, J, Kr, G, J
R			Common Batagur	<i>Batagur baska</i>		+			S, H, K, N, S, J, Kr, G, J
R			Median Roofed Turtle	<i>Kachuga tentoria</i>			+		H, K, G, J
		Trogonichidae							
R			Ganges Soft Shell	<i>Aspideretes gangeticus*</i>		+			S, H, G, J
		Varanidae							
R			Bengal, Grey Monitor Lizard	<i>Varanus bengalensis</i>				+	S, H, K, N, S, J, Kr, G, J
R			Yellow Monitor / Common Lizard	<i>Varanus salvator</i>			+		S, J, Kr, G, J
		Dipsosidae							
R			Common Wolf Snake	<i>Lycodon aulicus</i>				+	S, H, K, N, S, J, Kr, G, J
R			Yellowspeckled Snake	<i>Lycodon jara</i>				+	N, Kr, J
		Natricidae							
R			Dark-bellied Marsh Snake	<i>Xenochrophis cerasogaster</i>				+	S, H, G, J
		Colubridae							
R			Rat Snake	<i>Coluber mucosus*</i>				+	S, H, K, N, S, J, Kr, G, J
R			Shortnosed Vine Snake	<i>Ahaetulla nasutus</i>				+	K, N, Kr, G, J
		Elaphidae							
R			Common Krait	<i>Bungarus caeruleus</i>			+		N, Kr

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	CE	E	V	REMARK
	Aves								
B		Phasianidae	Swamp Francolin*	<i>Francolinus gularis</i>		+			S, H, K, N, Sj, Kr, G, J
B			Manipur Bush Quail*	<i>Perdicula manipurensis</i>			+		S, H, K, N, Sj, Kr, G, J
B		Singidae	Spotted Owl	<i>Athene brama</i>					Kr, G, J
B			Brown Fish Owl	<i>Ketupa zeylonensis*</i>				+	S, H, K, N, Sj, Kr, G, J
B			Tyne Fish Owl	<i>Ketupa flavipes</i>			+		H, J
B		Charadriidae	River Lapwing*	<i>Vanellus divaucelli</i>			+		N, J
B		Laridae	Indian Skimmer	<i>Rynchops albicollis</i>			+		S, H, N, Kr, G, J
B			Little Tern	<i>Sterna albifrons</i>		+			S, H, K, N, Sj, Kr, G, J
B		Accipitridae*	Pallas's Fish Eagle*	<i>Haliaeetus leucoryphus</i>		+			S, H, K, N, Sj, Kr, G, J
B		Anhingidae*	Darter	<i>Anhinga melanogaster*</i>				+	
B		Coccyidae	Greater Adjutant*	<i>Leptoptilos dubius</i>		+			S, H
B			Lesser Adjutant	<i>Leptoptilos javanicus</i>			+		S, H, J
M	Mammalia	Canidae	Jakal	<i>Canis aureus</i>				+	S, H, K, N, Sj, Kr, G, J
M		Felidae	Fishing cat	<i>Prionailurus bengalensis</i>			+		K, N, G, J
M		Platanistidae	Ganges River Dolphin	<i>Platanista gangetica</i>			+		S, H, K, N, Sj, Kr, G, J

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	CE	E	V	REMARK
	Osteichthyes								
		Cyprinidae							
F			Black Rohu	<i>Labeo catbausa</i>			+		S, H, K, N, Sj, Kr, G, J
F			Reba Carp	<i>Cirrhinus reba</i>				+	S, H, N, Sj, Kr, G, J
F			Olive Barb	<i>Puntius sarana</i>		+			S, H, K, N, Sj, Kr, G, J
F			Ticto / Firefin Barb	<i>Puntius ticto</i>	+			+	S, H, K, N, Sj, Kr, G, J
F			Cotio	<i>Osteobrama cotio*</i>			+		S, H, K, N, Sj, Kr, G, J
F			Gangetic Latia	<i>Chrossocheilus latius</i>			+		S, H, Kr
		Siluridae							
F			Pabda Catfish	<i>Ompok pabda</i>			+		S, H, K, N, Sj, Kr, G, J
F			Indian Butter-catfish	<i>Ompok bimaculatus</i>			+		S, H, K, N, Sj, Kr, G, J
F			Pabo Catfish	<i>Ompok pabo</i>			+		S, H, K, N, Sj, Kr, G, J
		Chacidae							
F			Indian Chaca	<i>Chaca chaca</i>			+		H, K, G, J
		Bagridae							
F			Gangetic Mystus	<i>Mystus cavasius</i>				+	S, H, K, N, Sj, Kr, G, J
F			Long-whiskered Catfish	<i>Aorichthys aor*</i>				+	S, H, K, N, Sj, Kr, G, J
F			Giant River Catfish	<i>Aorichthys seenghala*</i>			+		S, J
		Siluridae							
F			Batchwa Bacha	<i>Eutropichthys vacha</i>		+			S, H, J
F			Silondia Vacha	<i>Silonia silondia</i>			+		S, H, K, N, Sj, Kr, G, J
F			Jamuna Ailia	<i>Ailia punctata*</i>				+	S, H, K, N, Sj, Kr, G, J
F			Garua Bacha	<i>Clupisoma garua</i>		+			S, H, K, N, Sj, Kr, G, J
		Pangasidae*							

LIFE FORM	CLASS	FAMILY	ENGLISH NAME	SCIENTIFIC NAME	O	CE	E	V	REMARK
F			Pangus	<i>Pangasius pangasius</i>	+	+			S, H, K, N, Sj, Kr, G, J
F		Channidae	Asiatic Snakehead	<i>Channa orientalis*</i>				+	S, H, K, N, Sj, Kr, G, J
F		Mastacembelidae	Tire-trak Spinyeel	<i>Mastacembelus armatus</i>			+		S, H, K, N, Sj, Kr, G, J
F			One-stripe Spinyeel	<i>Macrognaathus aculeatus</i>				+	S, H, K, N, Sj, Kr, G, J
F		Pristigasteridae	Dwarf Chameleon fish	<i>Badis badis</i>			+		S, H, K, N, Sj, Kr, G, J
F		Nandidae	Mud Perch / Mottled Nandus	<i>Nandus nandus</i>				+	S, H, K, N, Sj, Kr, G, J
F		Notopteridae	Humped Featherback	<i>Notopterus chitala</i>			+		S, H, K, N, Kr, G, J
F			Grey Featherback	<i>Notopterus notopterus</i>				+	S, G, J

Legend : A = Amphibia, B = Bird, M = Mammal, R = Reptile, F = Fish, O = Observed, P = Previous record, L = Local Information, VC = Very Common, CO = Common, CE = Critically Endangered, E = Endangered, V = vulnerable, R = Rare, I = Interminate, K = Insufficiently Known, CT = Commercially Threatened. S = Sunamganj, H = Habiganj, K = Kishoreganj, N = Netrokona, Kr = Kurigram, Sj = Sirajganj, G = Gaibandha, J = Jamalpur, MB = Migratory Bird, * = new name followed