

地域を中心に14ヶ所のウパジラで追求しており、これには世界食糧計画（WFP）から援助がある。

ポウシュは特にMadhupur国立公園、Chunati 野生生物公園、Teknaf自然動物園に強い関心があり、生物多様性保護研究にはJahangirnagar 大学の生命科学研究所と共同調査をしている。ポウシュはIUCN、アジア環境協会（AES）、生物多様性連盟の会員である。

6-2 国際的環境NGO

6-2-1 国際自然保護連合（International Union for Conservation of Nature and Natural Resources : IUCN）

環境森林省はIUCNの支援を受け、自然と生物の資源の保存を推進するために、必要な手段を詳細に検討したバングラデシュ国家保全戦略（Bangladesh National Conservation Strategy : NCS）を準備している。

IUCNはバングラデシュ農業研究委員会（Bangladesh Agricultural Research Council : BARC）に協力して、NCSを策定してきた。戦略では沿岸地域、丘陵森林、スングルバン、湿地帯の生態系が重要であるとされている。また全ての主要プロジェクトにはEIAが必要であることを強調している。IUCNは現存する野生生物禁猟区として現在の8禁猟区に加えて多くの地域を指定しようとしている。

6-2-2 オイスカ（財団法人オイスカ産業開発協力団 Organization for Industrial, Spiritual and Cultural Advancement:OISCA）

オイスカは1969年に中野與之助博士によって開発途上国に対する産業開発協力を目的に日本で設立された。現在世界30ヶ国余りで活動し、日本を代表する国際NGOとして知られている。

バングラデシュではダッカに駐在員事務所を置いて、例年日本から応募者を大勢招いて植樹等の農林業開発を初め、広く環境保全の活動を実施している。

表6-1-1 植林等の環境関連プロジェクトを実施中のNGOリスト

名 称	所在地	活 動
ADAB Association for Development Agency in Bangladesh	Dhaka	調整、研究
ADRA Adventist Development and Relief Agency	Dhaka	上水と衛生施設
ASA Association for Social Advancement	Dhaka	上水と衛生施設、園芸
BAVS Bangladesh Association for Voluntary Sterilizations	Dhanmondi	上水と衛生施設
BANCHITE SHEKHA	Jessore	植林
BCAS Bangladesh Center for Advanced Studies	Dhanmondi	研究
BDS Barisal Development Society	Barisal	園芸
BDSC Bangladesh Development Service Center	Dhaka	植林、園芸、上水と衛生施設
BRAC Bangladesh Rural Advancement Committee	Dhaka	保健、衛生、栄養
BRAC BANGLADESH UNION OF SEVENTH DAY ADVANCEMENT	Dhaka	上水と衛生施設、園芸
CARITAS (Bangladesh)	Dhaka	植林、上水と衛生施設
CCDB Christian Commission for Development in Bangladesh	Dhaka	植林、上水と衛生施設
CENTER FOR ENVIRONMENT STUDIES AND RESEARCH		研究
CMES Centre for Mass Education in Science	Dhaka	上水と衛生施設、園芸
COMILLA PROSHIKA CENTRE FOR DEVELOPMENT	Dhaka	植林、上水と衛生施設、園芸
COME TO WORK	Dinajpur	植林、上水と衛生施設
DEVELOPMENT STUDIES CENTRE	Dhaka	環境、生態学、自然資源管理の研究と活動プログラム
FRIENDS IN VILLAGE DEVELOPMENT IN BANGLADESH	Sylhet	植林、上水と衛生施設
FATEMA RURAL EDUCATION AND HEALTH	Chittagong	上水と衛生施設、園芸
FOR THOSE WHO HAVE LESS	Dhaka	上水と衛生施設、植林
FORUM OF ENVIRONMENTAL JOURNALISTS OF BANGLADESH	Dhaka	環境認識、動機付け
GK Ganoshasthya Kendra	Dhaka	保健、衛生
GONO UNNAYAN PROCHESTA	Dhaka	上水と衛生施設、植林、園芸
KARBALA GRAM UNNOYAN KENDRA	Natore	植林、上水と衛生施設
NDF National Development Foundation	Dhaka	植林、上水と衛生施設
NACOM Nature Conservation Movement	Kamalpur	研究
NARI POKKHO	Dhanmondi	女性と開発、環境、圧力団体
POUSH	Dhaka	植樹、灌漑、魚類養殖、意識教育
PPD Programme for Peoples Development	Pabna	植林、上水と衛生施設
PROSHIKA-NUK	Dhaka	植林
RDRS Rangpur Dinajpur Rural Service	Dhaka	上水と衛生施設
RESOURCE IRRIGATION CENTRE	Dhaka	植林
SAP South Asia Partnership-Bangladesh	Dhaka	植林、上水と衛生施設
SCONE Society for Conservation of Nature and Environment		研究
SAPTAGRAM NARI SWANIRVAR PARISHAD	Dhaka	植林、園芸、上水と衛生施設
SHAPLA NEER	Mohammadpur	上水と衛生施設、園芸
SOCIAL AND INSTITUTION BOARD BANGLADESH BAPTIST SANGHA	Mirpur	上水と衛生施設
SINGHER KHAJURA BASTOHARA SAMAJKOLYAN SAMITY	Jessore	植林
SAMAJ PROGOTI PARISHAD	Dinajpur	植林
SHAHID SMRITY SANGSTHA	Dinajpur	植林、上水と衛生施設
THE CHURCH OF BANGLADESH SOCIAL DEVELOPMENT PROGRAMME	Dhaka	植林、上水と衛生施設
TARD Technical Assistance for Rural Development	Mohammadpur	植林、上水と衛生施設
UBINIG Unnayan Bikalpa Nitinirdharan Gobeshona	Dhaka	研究
VERC Village Education Resource Centre	Dhaka	植林、上水と衛生施設
VHSS Voluntary Health Service Society	Dhaka	上水と衛生施設
VOLUNTARY PARIBAR KALYAN ASSOCIATION	Rajbari	植林、上水と衛生施設
WORLDVIEW INTERNATIONAL FOUNDATION	Dhaka	環境問題、栄養不良防止、収入増加活動等への民衆意識の啓蒙

(出典) TSD : RURAL DEVELOPMENT AND NGO ACTIVITIES IN BANGLADESH : IUCN

7. 日本・バングラデシュ環境協力の可能性と留意点

バングラデシュの環境問題

バングラデシュ国はLLDC諸国に共通する環境問題をかかえており、貧困問題、人口問題が教育問題が複雑にからみあって、解決を一層困難なものとしている。人口は1961年に約5,500万人、1991年に約1億900万人と30年間で倍増している。

都市部では、もともと上水道、廃棄物処理施設の整備が遅れており、下水道施設は首都ダッカ、チッタゴン市のみに不完全な整備がされていた。その不完全な施設整備状況にかかわらず、農村部から人口が流入し急増したために、衛生環境がさらに悪化している。

農村部においては、安全な水の確保、生活排水処理等の衛生面での問題が大きい。これらの衛生環境の悪さが一要因となって、人口1,000人あたりの乳幼児死亡率は、105人と著しく高い。人口圧力から農地・居住地および燃料確保を原因とする森林破壊の問題があり、30年間で森林は半減した。内水面漁業においても乱獲、洪水対策の施設建設が原因となり漁獲が急減していると言われている。さらに、環境問題を扱う官庁が1989年に各部局を統合してできた新しい組織のため、全政府組織の職員数が100万人に対して、環境局は70人たらずの職員数であり、人材の不足、法律の未整備、環境モニタリング体制の不備による実施能力の欠如がある。バ国特有の問題点としては、洪水、サイクロンによる自然災害がある。また、海岸線沿いのマングローブ林破壊の問題がある。

日本の環境協力の可能性

上下水道への援助は、BHNに対する援助として優先順位の高い分野であり、過去において衛生的な飲料水供給の拡充、下水処理施設の拡充に対する援助を開発調査、無償資金協力援助を通じて援助を実施してきており、今後ともこの分野への協力を推進していく必要がある。

頻繁におこる洪水、サイクロンによる自然災害が経済的、人的に大きな被害をもたらし、経済発展の大きな阻害要因となっている。特に、1987年、1988年の洪水、1991年のサイクロンにより大きな被害を受けている。日本は緊急援助隊の派遣、開発調査、無償援助等による援助を実施している。総合的な洪水対策として世銀が中心となり、各援助機関が参加しFlood Action Planを策定中で、日本も参加し開発調査を実施している。今後とも各援助機関と連携しつつ洪水対策を中心とする自然災害の援助を実施していく必要がある。

バ国南西部に世界最大のマングローブ林であるスダルバンがありラムサール条約より指定された湿原となっている、他の地域でも海岸線沿いにマングローブ林が発達している。しかし、エビの養殖場の開発、燃料用森林伐採、その他開発によるマングローブ林の減少が問題となっている。マングローブ林は、高潮対策、海岸線侵食対策、生物多様性の保全、水産資源、林業資源保全の観点から重要な役割をはたしており、そのことから、事業団においてもマングローブ林保全の企画調査員を平成5年度に派遣した。この分野に対する援助を実施を検討していく必要がある。

バ国の人口は、1961年約5,500万人、1991年に約1億900万人と30年間で倍増した。平均年増加率は2%-2.5%とかなり多い数字であり、人口密度は624人/kmと高い数字である。アメリカ開発援助庁は、環境問題の根源となるものが人口問題であるとの認識のもとに大

きな人口プロジェクトを現在実施している。

事業団は、昭和49年から昭和60年にかけて家族計画のプロジェクト方式技術協力を実施している。また、1994年度から2000年までの7年間に日本は人口分野及びエイズに関する援助額を総額30億ドルまで拡大する予定であり人口分野に関する協力を検討する必要があると思われる。

環境配慮の留意点

バ国においては前途のとおり環境影響評価に関する法制度はないが、各援助機関のプロジェクトにおいて環境アセスメントを実施しており、特に洪水対策では、アメリカ開発援助庁が作成した環境アセスメントガイドラインを各援助機関で適用している。

しかし環境局の環境影響評価の担当は1名のみで人材が不足しており、援助機関が積極的に環境影響調査を実施しなければならない。

水質汚染、大気汚染のモニタリング制度が確立しておらず、また、予算、人材の不足から法律の執行能力が弱く、環境問題に対して注意を喚起するNGOもあまりない。さらに、一般的に表流水を飲料水や水浴等で直接利用しており、衛生概念がよく浸透していない等、環境汚染が直接、大きな健康被害をもたらしやすい。

以上の理由から事業実施後、環境問題が発生しても、被害が大きく対策も遅れやすいので、計画段階からの環境配慮が非常に大切である。

都市部においては、人口密度が非常に高く、不法占拠者も多く、政府の対応能力を考慮すると住民移転に対して慎重な配慮が特に必要となる。さらに、正確な地形図、人口データがそろっていない等の基礎的な資料が少なく、当然ながら、水質、大気質、動物相、植物相等の環境データがなく、環境配慮に必要な調査においても支障をきたすことがある。

事業団としても、各分野の環境配慮ガイドラインを利用し、環境配慮団員を各開発調査に配置し、ローカルコンサルタントの活用、さらに、団員の数、現地調査期間への配慮等、今後とも一層の環境配慮に対する努力が必要である。

付 属 資 料

1. 調査関連情報

1-1 調査目的

バングラデシュ国の環境行政の組織・法制度、環境アセスメントの実施状況、主要な環境問題の現況等に関する情報を体系的に収集整理することによりバングラデシュに対する環境関連事業、環境アセスメントを必要とする環境配慮案件の効率的・効果的实施に資する。

1-2 調査団員リスト

氏名	担当業務	現職
(1) 榎本 宏	総括（環境管理）	国際協力事業団企画部環境・女性課
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(4) 渡辺 哲	自然環境	(社) 海外農業開発協会第一事業部課長

1-3 調査日程

1 7月23日（金）

午前 東京 ———— TG641 ———— バンコク

2 24日（土）

午前 バンコク ———— TG321 ———— ダッカ

3 25日（日）

午前 日本大使館表敬、大蔵省経済協力部
午後 環境森林省訪問、JICA事務所打合せ

4 26日（月）

午前 環境森林省環境局・森林局訪問
午後 漁業畜産省訪問

5 27日（火）

午前 UNDP、世界銀行、

6 28日（水）

7 29日（木）

8 30日（金）

9 31日（土）

- 10 8月1日(日)
- 11 2日(月)
- 12 3日(火)
- 13 4日(水)
- 14 5日(木)
- 15 6日(金)
- 16 7日(土)
- 17 8日(日)
- 18 9日(土)
- 19 10日(日)
- 20 11日(月)

1-4 面会者リスト

氏名	所 属	役 職 名
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伊藤 丹	在A*ソ*ラ*テ*シ*日本大使館	二等書記官
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森川 秀夫	国際協力事業団A*ソ*ラ*テ*シ*事務所	次長
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	Nurul Islam Hawlader	Thana Afforest.& Nursery Dev.Project	Conservator of Forests
	MD.Saberul Haque	Department of Forest	Asst.Cons'tor of For.
	MD.Atiqul Azam	Department of Forest, Cox's Bazar	Sub.Div.For.Officer
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	Moqlesur Rahman	Ministry of Agriculture	Deputy Secretary
	Dr.MD.Ayubur Rahman	Depart. of Agricul'l Extension(DAE)	Director General
	M.A.Malik	Plant Protection Wing, DAE	Director
	Delwar Hossain	Plant Protection Wing, DAE	Deputy Director
Ministry of Fisheries and Livestock (MOFL)			
	Molla Abdul Matin	Ministry of Fisheries & Livestock	Joint Secretary
	Monowara Begum(Ms.)	Ministry of Fisheries & Livestock	Depty Chief, Plang.
	Ataur Rahman	Department of Fisheries (DOF)	Director
Ministry of Energy and Mineral Resources (MEMR)			
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Bangladesh Agricultural Research Council (BARC)			
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	N.C.Austriaco		AIT Exe.Director
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	Abdul Muqueet		Cheif Engineer
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	Dr.D.Craig Anderson	USAID Office of Food & Agriculture	Agri'l Deve't Officer
	Dr.Polter	British High Commission	
	Sara Camblin Breaud(Ms.)	Canadian High Commission	First Secretary
Irrigation Support Project for Asia and the Near East (ISPAN)			
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	Dr.Ansarul Karim		Mangrove Silviculturist
	Dr.Mizanur Rahman Bhuiyan		Mangrove Soil Scientist
	Songklod Chantarasri		Fisheries Biologist
NGO関連			
International Union for Conservation Nature (IUCN)			
	A.M.Choudhury	The World Conservation Union	Country Represent.
	Monoj K. Roy	The World Conservation Union	Senior Investigator
Bangladesh Poush			
	Haroun Er Rasid	Bangladesh Poush	President
OISCA International			
	Ikuo Okamura	OISCA Bangladesh Training Center	Director

1-5 収集資料リスト

No.	表 題	発行所
1	National Environ'l Management Action Plan (Working Paper)	Envir.Res.Limited UK
2	TSD: The National Conservation Strategy of Bangladesh	IUCN, MOEF, BARC
3	Bill to Preserve Environment, Development of Environmental Standard and Control & Restriction of Environ'l Pollution	MOEF(Bengali Draft)
4	Environmental Quality Standards for Bangladesh	DOE, Jul.91
5	Department of Environment A Brief	DOE, Aug.91
6	Water Quality of Selected Rivers for 1990-91	DOE, Sep.92
7	Air Quality in Bangladesh	
8	EIA Vital Tools for Environ'l Mngt & its use	
9	NGO's and Flood Action Plan	RAS/OXFAM
10	Fisheries Development and Environmental Issues	FRI
11	Coastal Environ't and Shrimp Cultivation	BARC
12	Homestead Plantation and Agroforestry in Bangladesh	BARI, FAO, Winrok
13	Bangladesh Environment Strategy Review	WB, Nov.14,91
14	Bangladesh Fisheries Sector Review	WB, Mar.20,91
15	Bangladesh Strategy Paper on Women in Development	WB, Feb. 6,90
16	Action Plan for Flood Control 'Guidelines for EIA'	FPCO, Min.Irrigation
17	TSD: Rural Development and NGO Activities in Bangladesh.	IUCN, MOEF, BARC
18	Freshwater Wetlands in Bang.: Issues & Approaches for Mngt	IUCN
19	Towards Sustainable Development: Conservation of Genetic Resources of Bangladesh	IUCN, MOEF, BARC
20	TSD: Energy and Mineral Resources of Bangladesh	IUCN, MOEF, BARC
21	TSD: Industries of Bangladesh	IUCN, MOEF, BARC
22	TSD: Land Resources in Bangladesh	IUCN, MOEF, BARC
23	TSD: Environmental Awareness & Education in Bangladesh	IUCN, MOEF, BARC
24	TSD: Issues of Environmental Pollution in Bangladesh	IUCN, MOEF, BARC
25	TSD: Fisheries Resources of Bangladesh	IUCN, MOEF, BARC
26	Bangladesh Poush Annual Report 1992	Poush
27	FPCO Flood Action Plan Progress Report June 1993	
28	National Environ'l Monitor'g and Pollution Control Project	ADB(Exe Summary)
29	Organogram of Dept.of Environment	
30	Guidelines for Environmental Impact Assessment (EIA)	ISPAN(FAP16) Oct,92
31	Manual for Environmental Impact Assessment Vol.2 (Draft)	ISPAN(FAP16) Sep,92
32	EIA Case Study: FAP16 Envirnmental Study, FAP19 Geographic Information System	ISPAN(FAP16) Apr,92
33	FAP16 Environ'l Study: Impacts of Flood Control and Drainage on Vector-Borne Disease Incidence in Bangladesh (Draft)	ISPAN(FAP16) Dec,92
34	FAP16 ES: The Demograhic Health and Nutritional Impacts of the Meghna-Dhonagoda Embankment (Draft)	ISPAN(FAP16) Dec,92

No.	表 題	発行所
35	FAP16 ES: The Kala-Azar Epidemic in Bangladesh and Its Relationship to Flood Control Embankment	ISPAN(FAP16) Jul,93
36	Vegetation Ecology of the Sundarbans Annotated Bibliography	ISPAN(FAP16) Jan,92
37	A National Wetland Inventory for Bangladesh	
38	Historical Development of Sanitation Programme in Bangladesh	DPHE, Khoda Bux
39	Water Supply Status in Bangladesh	DPHE, Khoda Bux
40	Utilities in Dhaka	Dhaka Imp.Trust(JURUK)
41	Waste Management Report	Dhaka Imp.Trust(JURUK)
42	Environment Impact Assessment for Flood Protection & Drainage Works	Dhaka Imp.Trust(JURUK)
43	Manual on Land Use Wateruse Planning 1992	MLGRDC
44	Guidelines on Environ'l Issues Related to Physical Plan'g 92	MLGRDC
45	Institute of Forestry, Chittagong Univ. Mar.1991 (Brochure)	Chittagong Univ.
46	A Review of the State of Environ't Relating to Marine Fisheries of Bangladesh (Executive Summary)	Inst.Marine Sciences Chittagong Univ.
47	The Pesticides Ordinance, 1971(Modified up to Jun.84)	Min.of Law & Justice
48	The Pesticide Rules, 1985	Min.of Agriculture
49	Yearbook of Agriculture Statistics of Bangladesh 1992	Bureau of Statistics
50	Statistical Pocket Book of Bangladesh 92	Bureau of Statistics
51	Geography of Bangladesh 1991	Rashid
52	Some Relevant Information About Sundarbans	Sundarbans Forest Div.
53	Recycling of Solid Waste in Bangladesh	BUET
54	Solid Waste Management in Bangladesh	BUET
55	An Initial Environmental Examination(IEE) of Resettlement and Sanitary Landfill at Matual	DOE
56	BANGLADESH: Environment & National Resource Assessment	USAID
57	Environmental Profile: Bangladesh 1989	DANIDA
58	Bangladesh Agriculture	Mushtaq Ahmed
59	Agricultural Research in Bangladesh	BARC
60	Directory of NGO's in Bangladesh	ADAB
61	Development Co-operation	UNDP
62	Aquaculture in Bangladesh	BARC
63	Fourth Annual Research Review	IPSA
64	Poverty Alleviation through Access to Land	IPSA
65	Bangladesh: Geography, Environment and Development	WB

バンガラデシュにおける保護対象野生生物 (1)

綱/科	Class / Family	一般名	和名	Scientific Name	学名	生存状況
		Common Name	Japanese Name			50年前 現在
1. Mammalia (哺乳類)						(注)
Lorisidae (リス科)	Slow Loris	スロ-リス		Nycticebus coucang		FC E
Colobidae (クノブ科)	Hanuman Langur	ハンマンラング-ル		Presbytis entellus		FC E
Cercopithecidae (オカザル科)	Crabeating Macaque			Macaca fascicularis		FC T
Hylobatidae (テナカザル科)	Hoolock Gibbon	シロツチカザル		Hylobates hoolock		C E
Viverridae (シキツネ科)	Large Civet			Viverra zibethina		C E
Felidae (ネコ科)	Fishing Cat	スナドリネコ		Felis viverrina		FC E
Felidae (ネコ科)	Jungle Cat	シヤンク-ルキヤツト		F. chaus		FC T
Felidae (ネコ科)	Tiger (Royal Bengal Tiger)	ベンガルトラ		Panthera tigris		FC E
Felidae (ネコ科)	Leopard	ヒョウ		P. pardus		C T
Felidae (ネコ科)	Clouded Leopard	ウツクヨウ		Neofelis nebulosa		FC E
Elephantidae (ゾウ科)	Asiatic Elephant	インドゾウ		Elephas maximus		C E
Ceruidae (シカ科)	Barking Deer	ホシカ		Muntiacus muntjac		C T
Ceruidae (シカ科)	Sambar	サバ-		Cervus unicornis		C T
Bonvidae (ウサギ科)	Serow	シ-ロ-(ヒツヤカサカ)		Capricornis sumatraensis		FC E
	Hispid Hare/Assam Rabbit			Caprolagus hispidus		C E

(出典) Towards Sustainable Development: THE NATIONAL CONSERVATION STRATEGY OF BANGLADESH (1st Draft) MoEF Jul.1991

注: VC= Very Common, C= Common, FC= Fairly Common
T= Threatened, E= Endangered, U= Uncertain

バン格拉デシュにおける保護対象野生生物 (2)

綱/科	和名	学名	生存状況
Class / Family	Common Name	Scientific Name	50年前 現在
2. Aves (鳥類)	一般名		
	Little Grebe	Podiceps ruficollis	VC T
	Darter/Snakebird	Anhinga rufa	FC T
	Purple Heron	Ardea purpurea	FC E
	Grey Heron	A. cinerea	C T
	Openbill Stork	Anastomus oscitans	C E
	Lesser Adjutant	Leptoptilus javanicus	FC E
	Whitenecked Stork	Ciconia episcopus	FC E
	Glossy Ibis Ple	Plegadis falcinellus	FC E
	Spoonbill	Platalea leucorodia	FC E
	Greater Whistling Teal	Dendrocygna bicolor	C E
	Whitwinged Wood Duck	Cairna scutulata	FC E
	Comb Duck/Nukta	Sarkidiornis melanotos	FC E
	Blackwinged Kite	Elanus caeruleus	C E
	Whitebellied Sea Eagle	Haliaeetus leucogaster	C E
	Pallas's Fishing Eagle	H. leucoryphus	FC E
	Greyheaded Fishing Eagle	Ichthyophaga ichthyatus	C T
	Whitebacked Vulture	Gyps bengalensis	VC T
	Assam Black Partridge	Francolinus francolinus	FC E
	Rain Quail	Coturnix coromendelica	C E

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バン格拉デシュにおける保護対象野生生物 (3)

綱/科	一般名	和名	学名	生存状況
Class / Family	Common Name	Japanese Name	Scientific Name	50年前 現在
	Common Peafowl		<i>Pavo cristatus</i>	FC E
	Pheasant-tailed Jacana		<i>Hydrophasianus chirurgus</i>	FC T
	Pasnted Snipe		<i>Rostratula bengalensis</i>	FC T
	Brown Fish Owl		<i>Bubo zeylonensis</i>	C E
	Great Hornbill		<i>Buceros bicornis</i>	C E
	Hill Myna		<i>Gracula religiosa</i>	C T
	Paradise Flycatcher		<i>Terpsiphone paradisi</i>	FC T
3. Reptilia (爬虫類)				
Crocodylidae (クワタ科)	Salt water/ Estuarine Crocodile	イワニ	<i>Crocodylus porosus</i>	C E
Gavialidae (カビガ科)	Gharial, Indian Gaviol	インドカビガ	<i>Gavialis gangeticus</i>	C E
Cheloniidae (ウミカメ科)	Olive Ridley Turtle	ヒメウミカメ	<i>Lepidochelys olivacea</i>	C E
	Green Turtle		<i>Chelonia mydas</i>	C E
Cheloniidae (ウミカメ科)	Hawksawbill Turtle	タワ	<i>Eretmochelys imbricata</i>	C E
	Loggerhead Turtle		<i>Coratta coratta</i>	C E
Dermocheilyidae (ウミカメ科)	Leatherback Turtle	ウミカメ	<i>Dermocheilus coriacea</i>	C E
	Batagur Turtle		<i>Batagur baska</i>	C E
Trionychidae (アサガシ科)	Mostami Turtle		<i>Trionyx nigricans</i>	C E
	Land Tortoise		<i>Geochelone emys</i>	C E

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バン格拉ラデシにおける保護対象野生生物 (4)

綱/科	一般名	和名	学名	生存状況
Class./ Family	Common Name	Japanese Name	Scientific Name	50年前 現在
Varanidae(材トカ科)	Bengal Grey Lizard		Varanus bengalensis	C T
	Monitor/Ring Lizard	シマ材トカ	V. salvator	VC T
	Yellow Lizard		V. flaviscens	C T
	Clouded/Black Lizard		V. nebulosa	C T
Boidae(ボウ科)	Rock Python	イントニキハト	Python molurus	FC E
Elapidae(エラピダ科)	King Cobra	キングコブラ	Ophiophagus hannah	FC E
	Dogfaced Water Snake		Cerberus rhynchops	C T
	Hook-nosed Sea Snake		Enhydrina schitosa	VC T
	Annulated Sea Snake		Hydrophis cyanocinctus	U T
	Banded Sea Snake		H. fasciatus	C T
	Estuarine Sea Snake		H. obscurus	C T
	Common Narrow-headed Sea Snake		Microcephalophis grancillis	C T
	Cantor's Narrow-headed Sea Snake		M. cantoris	C T
4. Amphibia(両生類)				
	Bull Frog		Rana tigrina	VC T
	Green Frog		R. hexadactyla	U T

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バングラデシュにおける保護対象野生生物 (5)

学名 Scientific Name	分布 Distribution	備考 Remarks
植物 5. Flora		
<i>Aglaonema clarkei</i>	Bandarban	
<i>Aldrovanda vesiculosa</i>	Dhaka, Rajshahi	
<i>Aquillaria agallocha</i>	Sylhet	
<i>Cirrhopetalum roxburghii</i>	Sunderban	固有種
<i>Cymbopogon osmastonii</i>	Bogra, Dhaka	
<i>Debregeasia dentata</i>	Chittagong	
<i>Elaeocarpus lucidus</i>	Chittagong	
<i>Hippocratea macrantha</i>	Chittagong	
<i>Homalium schlichtii</i>	Chittagong	
<i>Justicia oreophila</i>	Chittagong	
<i>Knema bengalensis</i>	Cox's Bazar	固有種
<i>Limnophila cana</i>	Jamalpur, Pabna, Dhaka	固有種
<i>Mantisia spathulata</i>	Chittagong, Sylhet	固有種
<i>Marsdenia thyrsoflora</i>	Central Bangladesh	
<i>Ophiorrhiza villosa</i>	Chittagong	
<i>Phrynium imbricatum</i>	Chittagong	
<i>Quercus acuminata</i>	Chittagong	
<i>Rotala simpliciuscula</i>	Chittagong, Sylhet	固有種
<i>Semecarpus subpanduriformis</i>	Chittagong	固有種
<i>Sonneratia griffithii</i>	Chakaria Sunderban	
<i>Spatholobus listeri</i>	Chittagong	固有種
<i>Tournefortia roxburghii</i>	Chittagong, Rangamati	
<i>Typhonium listeri</i>	Chittagong	
<i>Vatica scaphula</i>	Chittagong	固有種
<i>Vernonia thomsoni</i>	Chittagong	

(出典) Towards Sustainable Development: THE NATIONAL CONSERVATION STRATEGY OF BANGLADESH (1st Draft) MoEF Jul. 1991
'A Tentative List of Vascular Plants Threatened in Bangladesh'

バングラデシュの動物 (1)

Scientific Name	English Name
[MAMMALIA : 哺乳類]	
[INSECTIVORA : 食虫目]	
<i>Suncus murinus</i>	House Shrew
[CHIROPTERA : 翼手目]	
<i>Cynopterus sphinx</i>	Greater Short-nosed Fruit Bat
<i>Pteropus giganteus</i>	Flying Fox
<i>Taphozous longimanus</i>	Long-winged Tomb
<i>Magaderma lyra</i>	Greater False Vampire Bat
<i>Hisposideros hicolor</i>	Bicolor Roundleaf Bat
<i>Coelops frithi</i>	East Asiatic Tailless Roundleaf Bat
<i>Pipistrellus mimus</i>	Pygmy Pipistrelle
<i>P. coromandra</i>	Pipistrelle
<i>Scotophilus kuhlii</i>	Lesser Yellow Bat
<i>S. heathi</i>	Greater Yellow Bat
<i>S. luteus</i>	Bengal Yellow Bat
<i>Rhinopome hardwickii</i>	Lesser Rat-tailed Bat
[PRIMATES : 霊長目]	
<i>Macaca mulatta</i>	Rhesus Macaque
[RODENTIA : げっ歯目]	
<i>Dremomys sp.</i>	
<i>Vandeleuria oleracea</i>	Tree Mouse
<i>Bandicota indica</i>	Great Bandicoot Rat
<i>B. bengalensis</i>	Mole Rat
<i>Rattus rattus</i>	Roof rat
<i>Mus cervicolor</i>	Fawn-coloured Mouse
<i>M. booduga</i>	Field Mouse
<i>Hystrix hodgsoni</i>	Crestless Malay Porcupine
<i>Callosiurus pygerythus</i>	Himalayan Squirrel
<i>Funambulus pennanti</i>	Five-striped Palm Squirrel
[CETACEA : 鯨目]	
<i>Sotalia plumbea</i>	Plumbeous Dolphin
<i>Delphinus delphis</i>	Common Dolphin
<i>Occaella brevirostris</i>	Irrawaddy Dolphin
<i>Neomeris phocanoides</i>	Little Porpoise
<i>Platanista gangetica</i>	Gangetic Dolphin
[CARNIVORA : 食肉目]	
<i>Vulpes bengalensis</i>	Bengal Fox
<i>Canis aureus</i>	Jackal
<i>Lutra perspicillata</i>	Smooth Otter
<i>Herpestes edwardsi</i>	Mongoose

バングラデシュの動物 (2)

Scientific Name	English Name
[CARNIVORA : 食肉目]	
<i>Herpestes javanicus</i>	Javan Mongoose
<i>Paradoxurus hemaphroditus</i>	Palm Civet
<i>Viverra zibetha</i>	Large Indian Civet
<i>Panthera tigris</i>	Tiger
<i>Felis viverrina</i>	Fishing Cat
<i>F. bengalensis</i>	Leopard Cat
<i>F. chaus</i>	Jungle Cat
[APTIODACTYLA : 偶蹄目]	
<i>Sus scrofa</i>	Wild Boar
<i>Muntiacus muntjak</i>	Barking Deer
<i>Axis axis</i>	Spotted Deer
[AVES : 鳥類]	
[PODICIPEDIDAE : カイツブリ科]	
<i>Podiceps ruficollis</i>	Little Grebe
[PELECANIDAE : ペリカン科]	
<i>Pelecanus philippensis</i>	Spot-billed Pelican
[PHALACROCORACIDAE : ウ科]	
<i>Phalacrocorax carbo</i>	Cormorant
<i>P. niger</i>	Little Cormorant
<i>Anhinga rufa</i>	Darter
[ARDEIDAE : サギ科]	
<i>Ardea goliath</i>	Giant Heron
<i>A. cinerea</i>	Gray Heron
<i>A. purpurea</i>	Purple Heron
<i>Butorides stristosus</i>	Little Green Heron
<i>Ardeola grayii</i>	Pond Heron
<i>Bulbulcus idis</i>	Cattle Heron
<i>Egretta alba</i>	Great White Egret
<i>E. intermedia</i>	Intermediate Egret
<i>E. garzette</i>	Little Egret
<i>Nycticorax nycticorax</i>	Night Heron
<i>Ixobrychus cinnamomeus</i>	Chestnut Bittern
[CICONIIDAE : コウノトリ科]	
<i>Ibis leucocephalus</i>	Painted Stork
<i>Anastomus oscitans</i>	Open-billed Stork
<i>Leptoptilos dubius</i>	Adjutant Stork
<i>L. javanicus</i>	Lesser Adjutant Stork
<i>Xenorhynchus asiaticus</i>	Black-necked Stork

バングラデシュの動物(3)

Scientific Name	English Name
[THRESKIORNITHIDAE : トキ科]	
<i>Threskiornis melanocephala</i>	Black-headed Ibis
[ANATIDAE : カモ(カンガ)科]	
<i>Anas acuta</i>	Pintail
<i>Nettapus coromandelianus</i>	Cotton Teal
<i>Dendrocygna javanica</i>	Lesser Tree Duck
<i>Anas crecca</i>	Common Teal
<i>Todorna ferruginea</i>	Brahminy Duck
<i>Aythys nyroca</i>	White-eyed Pochard
<i>Netta rufina</i>	Red-crested Pochard
[ACCIPITRIDAE : タカ(ワツカ)科]	
<i>Milvus migrans</i>	Black Kite
<i>Haliastur indus</i>	Brahminy Kite
<i>Aquila rapax</i>	Tawny Eagle
<i>A. pemarkina</i>	Lesser Spotted Eagle
<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle
<i>H. leucoryphus</i>	Pallas Fishing Eagle
<i>Lacthyophaga inchothyaetus</i>	Gray-headed Fishing Eagle
<i>Cyps fulvus</i>	Griffon Vulture
<i>C. bengalensis</i>	White-backed Vulture
<i>Spilornis cheela</i>	Crested Serpent Eagle
<i>Accipiter badius</i>	Shikra
<i>A. trivirgatus</i>	Crested Goshawk
<i>Circus aeruginosus</i>	Marsh Harrier
<i>Pandion haliaetus</i>	Osprey
[FALCONIDAE : ハヤブサ科]	
<i>Falco chicquera</i>	Red-headed Merlin
<i>F. peregrinus</i>	Peregrine Falcon
<i>F. serverus</i>	Oriental Hobby
<i>F. tinnunculus</i>	Kestrel
[PHASIANIDAE : キジ科]	
<i>Francolinus gularis</i>	Swamp Partridge
<i>Gallus gallus</i>	Red Jungle Fowl
[RALLIDAE : クイナ科]	
<i>Amaurornis phoenicurus</i>	White-breasted Waterhen
<i>Gallinula chloropus</i>	Moorhen
<i>Fulica atra</i>	Coot

バングラデシュの動物(4)

Scientific Name	English Name
[JACANIDAE : レンカク科]	
<i>Metopidius indicus</i>	Bronze-winged Jacana
<i>Hydrophasianus chirurgus</i>	Pheasant-tailed Jacana
[ROSTRATULIDAE : タマシギ科]	
<i>Rostratula bengalensis</i>	Painted Snipe
[CHARADRIIDAE : チドリ科]	
<i>Vanellus indicus</i>	Red-wattled Lapwing
<i>Pluvialis squatarola</i>	Grey Plover
<i>Charadrius leschenaultii</i>	Large Sand Plover
<i>C. dubius</i>	Little Ringed Plover
<i>Numenius phaeopus</i>	Whimbrei
<i>N. arquata</i>	Curlew
<i>Tringa glareola</i>	Wood Sandpiper
<i>T. terek</i>	Terek Sandpiper
<i>T. nebularis</i>	Greenshank
<i>T. hypoleucos</i>	Common Sandpiper
<i>Capella gallinago</i>	Fantail Snipe
<i>Calidris minute</i>	Little Stint
<i>C. ferruginea</i>	Curlew Sandpiper
<i>C. alpina</i>	Dunlin
[RECURVIROSTRIDAE : セイタカシギ科]	
<i>Recurvirostra avocetta</i>	Acocet
<i>Esacus magnirostris</i>	Great Stone Plover
[LARIDAE : カモメ科]	
<i>Chlidonias hybrida</i>	Whiskered Tern
<i>Gelochelidon nilotica</i>	Gull-billed Tern
<i>Sterna aurantia</i>	River Tern
<i>S. hirundo</i>	Common Tern
<i>S. albifrons</i>	Little Tern
<i>S. fuscata</i>	Sooty Tern
<i>S. bengalensis</i>	Lesser Crested Tern
<i>S. bergii</i>	Large Crested Tern
<i>Hydrorhynchus caspis</i>	Caspine Tern
<i>Larus argentatus</i>	Herring Gull
<i>L. ridibundus</i>	Black-headed Gull
<i>L. brunnicephalus</i>	Brown-headed Gull
[RYNCHOPIDAE : ハサミアジサシ科]	
<i>Rynchops albicollis</i>	Indian Skimmer

ハングラデシユの動物 (5)

Scientific Name	English Name
[COLUMBIDAE : ハト科]	
<i>Treron curvirostra</i>	Thick-billed Green Pigeon
<i>T.phoenicoptera</i>	Green Pigeon
<i>Ducula aenea</i>	Green Imperial Pigeon
<i>Columba livia</i>	Blue Rock Pigeon
<i>Streptopelia decaocto</i>	Collared Dove
<i>S.tranquebarica</i>	Red Turtle Dove
<i>S.chinensis</i>	Spotted Dove
<i>Chalcophaps indica</i>	Emerald Dove
[PSITTACIDAE : インコ科]	
<i>Psittacula krameri</i>	Red-ringed Parakeet
[CUCULIDAE : カッコウ科]	
<i>Rhopodytes tristis</i>	Large Green-billed Malkoha
[TYTONIDAE : メンフクロウ科]	
<i>Tyto alba</i>	Barn Owl
[STRIGIDAE : フクロウ科]	
<i>Otus scops</i>	Scops Owl
<i>Athene brama</i>	Spotted Owlet
<i>Bubo zeylonensis</i>	Brown Fish Owl
[CAPRIMULGIDAE : ヨタカ科]	
<i>Caprimulgus indicus</i>	Indian Jungle Nightjar
<i>C.macrurus</i>	Long-tailed Nightjar
<i>C.affinis</i>	Franklin's Nightjar
[ALCEDINIDAE : カワセミ科]	
<i>Cyrule rudis</i>	Lesser Pied Kingfisher
<i>Alcedo atthis</i>	Common Kingfisher
<i>Pelargopsis amauroptera</i>	Brown-winged Kingfisher
<i>P.capensis</i>	Stork-billed Kingfisher
<i>Halcyon coromanda</i>	Rubby Kingfisher
<i>H.smyrnensis</i>	White-breasted Kingfisher
<i>H.chloris</i>	White-collared Kingfisher
<i>H.pileata</i>	Black-capped Kingfisher
[MEROPIIDAE : ハチクイ科]	
<i>Merops orientalis</i>	Green bee-eater

バングラデシュの動物(6)

Scientific Name	English Name
[UPUPIDAE: ヤツガシラ科]	
<i>Upupa eops</i>	Hoopoe
[PICIDAE: キツツキ科]	
<i>Picus flacinucha</i>	Large Yellow-naped Woodpecker
<i>Dendrocopos mahrattensis</i>	Yellow-fronted Pied Woodpecker
<i>D. nanus</i>	Pygmy Woodpecker
<i>Chrysocolaptes lucidus</i>	Large Golden-backed Woodpecker
[DICRURIDAE: オウチュウ科]	
<i>Dicrurus adsimilis</i>	Black Drongo
<i>D. aeneus</i>	Bronzed Drongo
[CORVIDAE: カラス科]	
<i>Dendrocitta vagabunda</i>	Indian Tree Pie
<i>Corvus splendens</i>	House Crow
[CERTHIIDAE: キバシリ科]	
<i>Certhis himalayana</i>	Barotailed Tree
[PYCNONOTIDAE: ヒヨドリ科]	
<i>Pycononotus jocosus</i>	Red-whiskered Bulbul
[MUSCICAPIDAE: ヒタキ科]	
<i>Muscicapa thalassina</i>	Verditer Flycatcher
<i>Saxielodies fulvicata</i>	Indian Robin
<i>Copsychus saularis</i>	Magpie Robin
<i>Zoothera citrina</i>	Orange-Headed Ground Thrush
[PACHYCEPHALINAE: モズビタキ亜科]	
<i>Pachycephala cinerea</i>	Mangrove Whistler
[MOTACILLIDAE: セキレイ科]	
<i>Motacilla maderaspatensis</i>	Large Pied Wagtail
[LANIIDAE: モズ科]	
<i>Lanius schach</i>	Black-headed shrike
[STURNIDAE: ムクドリ科]	
<i>Aplonis panayensis</i>	Glossy Starling
<i>Sturnus malabaricus</i>	Chestnut-tailed Starling
<i>S. contra</i>	Pied Myna
<i>Acridotheres tristis</i>	Common Myna
<i>A. ginginianus</i>	Black Myna
<i>A. fuscus</i>	Jungle Myna

バングラデシュの動物(7)

Scientific Name	English Name
[NECTARINIIDAE : タイヨウチヨウ科]	
<i>Nectarinia asiatica</i>	Purple Sunbird
[PLOCEIDAE : ハタオリドリ科]	
<i>Passer rutilans</i>	Russet Sparrow
[AMPHIBIA : 両生類]	
<i>Bufo melanostictus</i>	Toad
<i>Rhacophorus maculatus</i>	Tree frog
<i>Rana cyanophlyctia</i>	Frog
<i>R.limnocharis</i>	
<i>R.tigrina</i>	
<i>R.hexadactyla</i>	Green Frog
<i>R.Temporalis</i>	Gach Bang
<i>Microhyla ornata</i>	
[REPTILIA : 爬虫類]	
[CROCODILIA : ワニ目]	
<i>Crocodylus palustris</i>	Mugger(no longer found)
<i>C.porosus</i>	Estuarine crocodile
<i>Gavialis gangeticus</i>	Gavial(no longer found)
[SQUAMATA : 有鱗目]	
<i>Hemidactylus flaviviridis</i>	Wall gecko
<i>Eublepharis fasciolatus</i>	Leopard gecko
<i>Gekko gekko</i>	Tokay
<i>Mabuya dissimilis</i>	Five-lined skunk
<i>Calotes versicolor</i>	
<i>Chamaeleon zeylanicus</i>	Indian chameleon
<i>Varanus bengalensis</i>	Bengal monitor
<i>V.salvator</i>	Yellow monitor
<i>V.flavescens</i>	Rubby sub-nosed monitor
<i>Naja naja</i>	Cobra
<i>Typhlops porractus</i>	Blind snake
<i>T.acutus</i>	Blind snake
<i>Ahaetulla ahaeulla</i>	Whip snake
<i>A.cyanochloris</i>	
<i>Python molurus</i>	Rock python
<i>Natrix stolata</i>	Keel back
<i>Enhydryis enhydryis</i>	
<i>Fordonia leucoblia</i>	
<i>Bungards lividus</i>	Krait
<i>Acrochordus</i>	Wart snake

バングラデシュの動物 (8)

Scientific Name	English Name
[SQUAMATA : 有鱗目]	
<i>Hydrophis obscurus</i>	
<i>H. nigrocinctus</i>	
<i>Microcephalophis cantoris</i>	Sea snake
<i>Engydrina achistoss</i>	Beaked deep sea snake
<i>Ptyas mucosus</i>	Rat snake
<i>Spalerosophis diadema</i>	
<i>Vipera russelli</i>	Russell's viper
<i>Pligodon arnensis</i>	Kukri snake
<i>Oligodon dorsalis</i>	
<i>Dryophis mycterigans</i>	Tree snake
<i>Lycondon aulicus</i>	Common wolf snake
<i>Eryx conicus</i>	Russell's sand boa
<i>Psammophts candouarus</i>	
[TESTUDINATE : 亀目]	
<i>Pelochelys bironi</i>	Coast shell turtle
<i>Morenia petersi</i>	Bengal terrapin
<i>Batagur baska</i>	River terrapin
<i>Lepidochelys olivaca</i>	Ridley turtle
<i>Cheonia mydas</i>	Green turtle
<i>Trionyx hurun</i>	Peacock soft-shell turtle
<i>T. gageticus</i>	Ganges soft-shell turtle
<i>Lissemys punctata</i>	India flap-shell turtle
<i>Kachuga tecta</i>	India roofed turtle
<i>K. smithi</i>	
<i>K. kachuga</i>	

バングラデシュの湿地植物 (1)

Scientific Name	Vernacular Name	Habitat
[Swamp Forest : 湿地林]		
Asclepias Sp.	—	S, Pe
Barringtonia acutangula	Hijal	T, Pe
Crataeva nurvala	Barun	T, Pe
Phyllanthus disticha	Chitki	S, Pe
Pongamia pinnata	Karanch	T, Pe
Salix tetrasperma	Bias, Panihijal	T, Pe
Trewia nudiflora	Gotagamar, Panidumur	T, Pe
[Free Floating]		
Azolla pinnata	Kutipana	H, Pe
Eichhornia crassipes	Kochuripana	H, Pe
Lemna perpusilla	Khudipana	H, Pe
Lemna trisulca	Khudipana	H, Pe
Pistia stratiotes	Kuripa, Indurkan	H, Pe
Salvinia cucullata	Tetulapana	H, Pe
Salvinia natans	Tetulapana	H, Pe
Spirodela punctata	Khudipana	H, Pe
Spirodela polyrrhiza	Khudipana	H, Pe
Wolffia arrhiza	Guripana	H, Pe
Wolffia microscopica	Guripana	H, Pe
[Suspended]		
Aldrovanda vesiculosa	—	H, A
Ceratophyllum demersum	Jhangi, Katajhangi	H, Pe
Ceratophyllum submersum	Chhotojhangi	H, A
Utricularia exoleata	Chhotojhangi	H, A
Utricularia stellaris	Chhotojhangi	H, A
Utricularia inflexa	Chhotojhangi	H, A
[Anchored]		
Alisma plantago	—	H, A
Aponogeton echinatus	Ghechu	H, Pe
Aponogeton undulatus	Ghechu	H, Pe
Aponogeton natans	Ghechu	H, Pe
Aponogeton appendiculatus	Ghechu	H, Pe
Bergia capensis	—	H, A
Blyxa octandra	Shayala	H, A
Blyxa nuberti	Shayala	H, A
Blyxa eccliniosperma	Shayala	H, A
Blyxa japonica	Shayala	H, A
Caldesia parnassifolia	—	H, A
Caldesia oligococca	—	H, A

H:Herb;S:Shrub;T:Tree;Tl:Treelet;Cl:Climber;A:Annual;Pe:Perennial

バングラデシュの湿地植物 (2)

Scientific Name	Vernacular Name	Habitat
[Anchored]		
<i>Elatina triandra</i>	—	H,A
<i>Hydrilla verticillata</i>	Kureli, Jhangi	H,Pe
<i>Hydrocera triflora</i>	—	H,A
<i>Hydrocharis dubia</i>	—	H,A
<i>Hydrolea zeylanica</i>	—	H,A
<i>Hygrophila auriculata</i>	—	H,A
<i>Hygrophila difformis</i>	—	H,A
<i>Limnocharis flava</i>	—	H,A
<i>Limnophyton obtusifolium</i>	—	H,A
<i>Myriophyllum tuberculatum</i>	—	H,A
<i>Myriophyllum tetrandrum</i>	—	H,A
<i>Najas graminea</i>	Goisa	H,A
<i>Najas falciculata</i>	Goisa, Shayalaghas	H,A
<i>Najas lacorata</i>	Katagoisa	H,A
<i>Najas minor</i>	Goisa, shayalaghas	H,A
<i>Nechamandra alternifolia</i>	—	H,A
<i>Ottelia alismoides</i>	Panikola, Kaorali	H,A/Pe
<i>Potamogeton crispus</i>	Keorali	H,Pe
<i>Potamogeton octandra</i>	Keorali	H,Pe
<i>Potamogeton mucronatus</i>	Keorali	H,Pe
<i>Potamogeton nodosus</i>	Keorali	H,Pe
<i>Potamogeton pectinatus</i>	Keorali	H,Pe
<i>Rotala wallichii</i>	—	H,A
<i>Sagittaria guayanensis</i> ssp. <i>lappula</i>	Muamia, Kaowathukri	H,Pe
<i>Sagittaria sagittifolia</i>	Chhotokul	H,Pe
<i>Tenagocharis latifolium</i>	—	H,A
<i>Vallisneria spiralis</i>	Pataseola, Bicha	H,A/Pe
[Rooted Floating]		
<i>Euryale ferox</i>	Makhana	H,A/Pe
<i>Hygroryza aristata</i>	Phutki	H,Pe
<i>Limnophila heterophylla</i>	Karpur	H,A
<i>Limnophila cana</i>	Karpur	H,A
<i>Limnophila sessiliflora</i>	Bijatighash	H,A
<i>Limnophila indica</i>	Karpur	H,A
<i>Marsilea quadrifoliata</i>	Sushnisak	H,A/Pe
<i>Nelumbo nucifera</i>	Padma	H,Pe
<i>Nuphar luteum</i>	—	H,Pe
<i>Nymphaea stellata</i>	Nilshapla	H,Pe
<i>Nymphaea nouchali</i>	Sada, raktoshapla	H,Pe
<i>Nymphoides parvifolium</i>	Chotto panchuli	H,Pe
<i>Nymphoides aurantiacum</i>	—	H,Pe

H:Herb;S:Shrub;T:Tree;Tl:Treelet;Cl:Climber;A:Annual;Pe:Perennial

バングラデシュの湿地植物 (3)

Scientific Name	Vernacular Name	Habitat
[Rooted Floating]		
<i>Nymphoides indicum</i>	Panchuli	H,Pe
<i>Nymphoides cristatum</i>	Chandmala	H,Pe
<i>Trapa maximowiczii</i>	Singra, Paniphal	H,Pe
<i>Victoria amazonica</i>	Amazon lily	H,Pe
[Emergent amphibious hydrophytes]		
<i>Achyranthes aquatica</i>	—	H,A
<i>Aeschynomene indica</i>	katshola, Bhatshola	S,A
<i>Aeschynomene aspera</i>	Shola, Banda	S,A
<i>Alternanthera philoxeroides</i>	Helencha	H,A
<i>Alternanthera sessilis</i>	Malencha	H,A
<i>Arundo donax</i>	Baranal, Gobanal	H,A
<i>Asparagus racemosus</i>	Satamuli, Hilum	S,Pe
<i>Cleome hasslerana</i>	Nunirleta, Chakutha	H,A
<i>Clinogyne dichotoma</i>	Sital-pati	S,Pe
<i>Coix aquatica</i>	—	H,A
<i>Colocasia esculenta</i>	Kachu	H,Pe
<i>Cryptocoryne gomezii</i>	—	H,Pe
<i>Cryptocoryne spiralis</i>	—	H,Pe
<i>Cryptocoryne retrospiralis</i>	—	H,Pe
<i>Cryptocoryne ciliata</i>	—	H,Pe
<i>Cyperus corymbosus</i>	Mutha	H,A
<i>Cyperus platystylis</i>	Mutha	H,A
<i>Cyperus cephalotes</i>	Mutha	H,A
<i>Cyperus articulatus</i>	Mutha	H,A
<i>Cyperus tegetiformis</i>	Mutha	H,A
<i>Dopatrium junceum</i>	—	H,A
<i>Echinochloa colonum</i>	Parua	H,A
<i>Eclipta alba</i>	Kalokeshi, Kalohuza	H,A/Pe
<i>Eleocharis dulcis</i>	Panichaise	H,A
<i>Enhydra fluctuans</i>	Helencha, Harhach	H,Pe
<i>Eriocaulon setaceum</i>	—	H,Pe
<i>Ficus heterophylla</i> var. <i>heterophylla</i>	Bonolat, Baladumur	S,Pe
<i>Fimbristylis miliacea</i>	Joina, Chatkighsh	H,A
<i>Fimbristylis dichotoma</i>	Joina chaise	H,Pe
<i>Hemarthria protensa</i>	Chailla	H,A
<i>Ipomoea aquatica</i>	Kalmi shak	H,Pe
<i>Ipomoea fistulosa</i>	Dhol kalmi	S,Pe
<i>Lasia spinosa</i>	—	H,Pe
<i>Leersia hexandra</i>	—	H,A
<i>Lippia javanica</i>	Bhuijokra	S,Pe
<i>Fimbristylis squarrosa</i>	Jumka chaich	H,A

H:Herb;S:Shrub;T:Tree;Tl:Treelet;Cl:Climber;A:Annual;Pe:Perennial

バングラデシュの湿地植物 (4)

Scientific Name	Vernacular Name	Habitat
[Emergent amphibious hydrophytes]		
<i>Ludwigia abscondens</i>	Kesardam, Mulcha	H, A
<i>Ludwigia repens</i>	Panidoga	H, A
<i>Mariscus compactus</i>	—	H, A
<i>Mimulus orbicularis</i>	—	H, A
<i>Monochoria hastata</i>	Baranukha, Kechur	H, Pe
<i>Neptunia natans</i>	—	H, A
<i>Neptunia plena</i>	—	H, A
<i>Oryza rufipogon</i>	—	H, A
<i>Panicum paludosum</i>	—	H, A/Pe
<i>Paspalidium punctatum</i>	—	H, A
<i>Phragmites karka</i>	Khagra, Nol	S, Pe
<i>Polygonum tomentosum</i>	Kukra	H, A
<i>Polygonum glabrum</i>	Bishkatali, Kukra	H, A
<i>Polygonum stagninum</i>	Bishkatali, Kukra	H, A
<i>Polygonum pedunculare</i>	Kukra	H, A
<i>Polygonum lanatum</i>	Kukra	H, A
<i>Polygonum barbatum</i>	Bishkatali	H, A
<i>Pseudoraphis minuta</i>	—	H, Pe
<i>Pseudoraphis brunoniana</i>	—	H, Pe
<i>Pseudoraphis spinescens</i>	Erali	H, Pe
<i>Rosa involucrata</i>	Gunja kata	S, Pe
<i>Rumex maritimus</i>	Bonpalong	H, A
<i>Ruppia maritima</i>	—	H, A
<i>Saccharum spontaneum</i>	Khag, aisha	S, Pe
<i>Schoenoplectus articulatus</i>	—	H, A
<i>Schoenoplectus grossus</i>	—	H, A
<i>Scirpus articulatus</i>	Chisra	H, Pe
<i>Sclerostachya fusca</i>	Khuri	H, A
<i>Sesbania roxburghii</i>	Huli, Phuli	S, A
<i>Setaria glauca</i>	Kulkulle, Kauni	H, A
<i>Setaria pallidifusca</i>	Pinginatchi	H, A
<i>Spilanthus acmella</i>	—	H, Pe
<i>Typha elephantina</i>	Hogla	H, Pe
<i>Typha angustata</i>	Hogla	H, Pe
<i>Vetiveria zizanioides</i>	Binna, Gandhabena	H, Pe
<i>Xanthium indicum</i>	Ghagra, Ljagra	H, A
<i>Zannichellia palustris</i> ssp. <i>pedicellat</i>	—	H, A

H:Herb;S:Shrub;T:Tree;Tl:Treelet;Cl:Climber;A:Annual;Pe:Perennial
 (出典) 漁業局提供資料「Freshwater Wetlands in Bangladesh」

スンドルバンの植物 (1)

Scientific Name	Family	Vernacular Name	Type of Plant
<i>Acanthus ilicifolius</i>	Acanthaceae	Hargoza	Scrambling woody, thorny herb
<i>Acrosticum aureum</i>	Pteridaceae	Tiger fern, Hoda, Hodo	Gregarious fern
<i>Aegialitis rotundifolia</i>	Plumbaginaceae	Dhalchaka	Small tree
* <i>Aegiceras corniculatum</i>	Myrsinaceae	Khalisha, Khalshi	Shrub or small tree
* <i>Amoora cucullata</i>	Meliaceae	Amur	Small tree
<i>Avicennia alba</i> (marina)	Avicenniaceae	Sadda baen White baen	Small tree
* <i>Avicennia officinalis</i>	Avicenniaceae	Baen	Tree
<i>Barringtonia racemosa</i>	Barringtoniaceae	Kumb, Kumba	Small tree
<i>Blumea</i> sp.	Compositae	Bon gash, Bari a gash	Aromatic herb
<i>Browlowia tersa</i>	Tilliaceae	Sundri lota, Lota sundri	Scandent shrub
* <i>Bruguiera sexangura</i>	Rhizophoraceae	Kankra	Tree
<i>Caesalpinia crista</i>	Leguminosae	Kutum katta	Scandent, armed shrub
<i>Cerbera manghas</i>	Apocynaceae	Dagor	Small tree
* <i>Ceriops decandra</i>	Rhizophoraceae	Goran	Shrub or small tree usually coppice
<i>Clerodendrum inerme</i>	Verbenaceae	Sitka, Sitki	Scandent shrub
* <i>Cynometra ramiflora</i>	Leguminosa	Shingra	Shrub
<i>Cyperus javanicus</i>	Cyperaceae	Kucha, Kusha	Grass-like herb(sedge)
<i>Dalbergia candenatensis</i>	Leguminosae	Chanda lota	Scrambling climber
<i>Dalbergia spinosa</i>	Leguminosae	Chanda katta	Scandent, armed shrub
<i>Dendrophthoe falcata</i>	Loranthaceae	Poragassa?	Woody parasite in tree crowns
<i>Derris trifoliata</i>	Leguminosae	Gila lota, Khali lota, Gwala lota	Climber
<i>Diospyros peregrina</i>	Ebenaceae	Gab	Tree found in formally ingabited areas
<i>Drypetes</i> sp.	Euphorbiaceae	Achet	Scandent shrub
* <i>Ericholoa procera</i>	Gramineae	Nol gash	Grass
<i>Eugenia fruticosa</i>	Myrtaceae	Ban jam, Jam jam gach	Small tree
* <i>Excoecaria agallocha</i>	Euphorbiaceae	Gewa	Tree
<i>Excoecaria indica</i>	Euphorbiaceae	Batla	Small tree
<i>Ficus</i> sp.	Moraceae	Jir	Tree(aerial roots and anastomosing stems)

スンドルバンの植物 (2)

Scientific Name	Family	Vernacular Name	Type of Plant
Flagellaria indica	Flagellariaceae	Abetaa	Climber
Flueggia virosa	Euphorbiaceae	Sitka, Sitki	Scandent shrub
* Heritiera fomes	Sterculiaceae	Sundri	Tree
* Hibiscus tiliaceous	Malvaceae	Bhola	Shrub
Hoya sp.	Asclepiadaceae	Agusha	Climber
Ipomea pescaprae	Convolvaceae		Succulent prostrate herb
Ixora sp.	Rubiaceae	Bon bakul	Small tree
Kandelia candel	Rhizophoraceae	Gura	Small tree
Leposanthos rubiginosa	Sapindaceae	Bon lichu	Tree
* Lumnitzera racemosa	Combretaceae	Kirpa	Small tree
Macrosolen cochinchinensis	Loranthaceae	Poragassa	Woody parasite in tree crowns
Mallotias repandus	Euphorbiaceae	Bon notoy	Scandent shrub
Mucuna gigantea	Leguminosae	Doyal	Climber; large seed pods have irritant hairs
Myriostachya wightiana	Gramineae	Dhanshi	Grass common on new accretions
* Nypa fruticans	Palmae	Golpatta	Palm with underground stem
Pandanus foetidus	Pandanaceae	Kewa katta	Prickly succulent: Screw-pine
Petunga roxburghii	Rubiaceae	Narikili	Small tree
* Phoenix paludosa	Palmae	Hantal, Hental	Thorny palm
Phragmites karka	Gramineae	Nol kagra	Grass
* Pongamia pinnata	Leguminosae	Karaj	Small tree
Premna corymbosa	Verbenaceae	Serpoli	Shrub or small tree
* Rhizophora mucronata	Rhizophoraceae	Garjan Jhanna	Tree with stilt roots
Salacia chinensis	Celastraceae	Choyt barai	Small tree
Sarcolobus globosus	Asclepiaceae	Bowali lota	Climber
* Sonneratia apetala	Sonneratiaceae	Keora	Tree
* Sonneratia caseolaris	Sonneratiaceae	Choyala, Ora	Small tree
Stenochlaena palustris	Blechnaceae	Deki lota	Climber fern
Tamarix indica	Tamaricaceae	Nonajhao, Jhao	Small tree
Tetrastigma bracteolatum	Vitidaceae	Golgoti lota	Climber
Thunbergia sp.	Thunbergiaceae	Jermani lota	Climber
Viscum monoicum	Loranthaceae	Shamu lota	Woody parasite in tree crowns
* Xylocarpus granatum	Meliaceae	Dhundul	Small tree
* Xylocarpus mekongensis	Meliaceae	Passur	Tree

(出典) ハンクワテの国海岸環境保全プロジェクト形成調査結果資料 H.4.3 JICA

上記資料を京都大学農学部西村和雄博士の好意により、訂正確認した。

(注) * は経済的に重要な植物。

湿地の植物 (1)

Scientific Name	Vernacular Name	Habitat
[Swamp Forest : 湿地林]		
<i>Asclepias</i> Sp.	—	S, Pe
<i>Barringtonia acutangula</i>	Hijal	T, Pe
<i>Crataeva nurvala</i>	Barun	T, Pe
<i>Phyllanthus disticha</i>	Chitki	S, Pe
<i>Pongamia pinnata</i>	Karanch	T, Pe
<i>Salix tetrasperma</i>	Bias, Panihijal	T, Pe
<i>Trewia nudiflora</i>	Gotagamar, Panidumur	T, Pe
[Free Floating]		
<i>Azolla pinnata</i>	Kutipana	H, Pe
<i>Eichhornia crassipes</i>	Kochuripana	H, Pe
<i>Lemna perpusilla</i>	Khudipana	H, Pe
<i>Lemna trisulca</i>	Khudipana	H, Pe
<i>Pistia stratiotes</i>	Kuripa, Indurkan	H, Pe
<i>Salvinia cucullata</i>	Tetulapana	H, Pe
<i>Salvinia natans</i>	Tetulapana	H, Pe
<i>Spirodela punctata</i>	Khudipana	H, Pe
<i>Spirodela polyrrhiza</i>	Khudipana	H, Pe
<i>Wolffia arrhiza</i>	Guripana	H, Pe
<i>Wolffia microscopica</i>	Guripana	H, Pe
[Suspended]		
<i>Aldrovanda vesiculosa</i>	—	H, A
<i>Ceratophyllum demersum</i>	Jhangi, Katajhangi	H, Pe
<i>Ceratophyllum submersum</i>	Chhotojhangi	H, A
<i>Utricularia exoleata</i>	Chhotojhangi	H, A
<i>Utricularia stellaris</i>	Chhotojhangi	H, A
<i>Utricularia inflexa</i>	Chhotojhangi	H, A
[Anchored]		
<i>Alisma plantago</i>	—	H, A
<i>Aponogeton echinatus</i>	Ghechu	H, Pe
<i>Aponogeton undulatus</i>	Ghechu	H, Pe
<i>Aponogeton natans</i>	Ghechu	H, Pe
<i>Aponogeton appendiculatus</i>	Ghechu	H, Pe
<i>Bergia capensis</i>	—	H, A
<i>Blyxa octandra</i>	Shayala	H, A
<i>Blyxa nuberti</i>	Shayala	H, A
<i>Blyxa ecclinasperma</i>	Shayala	H, A
<i>Blyxa japonica</i>	Shayala	H, A
<i>Caldesia parnassifolia</i>	—	H, A
<i>Caldesia oligococca</i>	—	H, A

H:Herb;S:Shrub;T:Tree;Tl:Treelet;Cl:Climber;A:Annual;Pe:Perennial

湿地の植物 (2)

Scientific Name	Vernacular Name	Habitat
[Anchored]		
<i>Elatina triandra</i>	—	H,A
<i>Hydrilla verticillata</i>	Kureli, Jhangi	H,Pe
<i>Hydrocera triflora</i>	—	H,A
<i>Hydrocharis dubia</i>	—	H,A
<i>Hydrolea zeylanica</i>	—	H,A
<i>Hygrophila auriculata</i>	—	H,A
<i>Hygrophila difformis</i>	—	H,A
<i>Limnocharis flava</i>	—	H,A
<i>Limnophyton obtusifolium</i>	—	H,A
<i>Myriophyllum tuberculatum</i>	—	H,A
<i>Myriophyllum tetrandrum</i>	—	H,A
<i>Najas graminea</i>	Goisa	H,A
<i>Najas falciculata</i>	Goisa, Shayalaghas	H,A
<i>Najas lacorata</i>	Katagoisa	H,A
<i>Najas minor</i>	Goisa, shayalaghas	H,A
<i>Nechamandra alternifolia</i>	—	H,A
<i>Ottelia alismoides</i>	Panikola, Kaorali	H,A/Pe
<i>Potamogeton crispus</i>	Keorali	H,Pe
<i>Potamogeton octandra</i>	Keorali	H,Pe
<i>Potamogeton mucronatus</i>	Keorali	H,Pe
<i>Potamogeton nodosus</i>	Keorali	H,Pe
<i>Potamogeton pectinatus</i>	Keorali	H,Pe
<i>Rotala wallichii</i>	—	H,A
<i>Sagittaria guayanensis</i> ssp. <i>lappula</i>	Muamia, Kaowathukri	H,Pe
<i>Sagittaria sagittifolia</i>	Chhotokul	H,Pe
<i>Tenagocharis latifolium</i>	—	H,A
<i>Vallisneria spiralis</i>	Pataseola, Bicha	H,A/Pe
[Rooted Floating]		
<i>Euryale ferox</i>	Makhana	H,A/Pe
<i>Hygroryza aristata</i>	Phutki	H,Pe
<i>Limnophila heterophylla</i>	Karpur	H,A
<i>Limnophila cana</i>	Karpur	H,A
<i>Limnophila sessiliflora</i>	Bijatighash	H,A
<i>Limnophila indica</i>	Karpur	H,A
<i>Marsilea quadrifoliata</i>	Sushnisak	H,A/Pe
<i>Nelumbo nucifera</i>	Padma	H,Pe
<i>Nuphar luteum</i>	—	H,Pe
<i>Nymphaea stellata</i>	Nilshapla	H,Pe
<i>Nymphaea nouchali</i>	Sada, raktoshapla	H,Pe
<i>Nymphoides parvifolium</i>	Chotto panchuli	H,Pe
<i>Nymphoides aurantiacum</i>	—	H,Pe

H:Herb;S:Shrub;T:Tree;Tl:Treelet;Cl:Climber;A:Annual;Pe:Perennial

湿地の植物 (3)

Scientific Name	Vernacular Name	Habitat
[Rooted Floating]		
<i>Nymphoides indicum</i>	Panchuli	H, Pe
<i>Nymphoides cristatum</i>	Chandmala	H, Pe
<i>Trapa maximowiczii</i>	Singra, Paniphal	H, Pe
<i>Victoria amazonica</i>	Amazon lily	H, Pe
[Emergent amphibious hydrophytes]		
<i>Achyranthes aquatica</i>	—	H, A
<i>Aeschynomene indica</i>	katshola, Bhatshola	S, A
<i>Aeschynomene aspera</i>	Shola, Banda	S, A
<i>Alternanthera philoxeroides</i>	Helencha	H, A
<i>Alternanthera sessilis</i>	Malencha	H, A
<i>Arundo donax</i>	Baranal, Gobanal	H, A
<i>Asparagus racemosus</i>	Satamuli, Hilum	S, Pe
<i>Cleome hasslerana</i>	Nunirleta, Chakutha	H, A
<i>Clinogyne dichotoma</i>	Sital-pati	S, Pe
<i>Coix aquatica</i>	—	H, A
<i>Colocasia esculenta</i>	Kachu	H, Pe
<i>Cryptocoryne gomezii</i>	—	H, Pe
<i>Cryptocoryne spiralis</i>	—	H, Pe
<i>Cryptocoryne retrospiralis</i>	—	H, Pe
<i>Cryptocoryne ciliata</i>	—	H, Pe
<i>Cyperus corymbosus</i>	Mutha	H, A
<i>Cyperus platystylis</i>	Mutha	H, A
<i>Cyperus cephalotes</i>	Mutha	H, A
<i>Cyperus articulatus</i>	Mutha	H, A
<i>Cyperus tegetiformis</i>	Mutha	H, A
<i>Dopatrium junceum</i>	—	H, A
<i>Echinochloa colonum</i>	Parua	H, A
<i>Eclipta alba</i>	Kalokeshi, Kalohuza	H, A/Pe
<i>Eleocharis dulcis</i>	Panichaise	H, A
<i>Enhydra fluctuans</i>	Helencha, Harhach	H, Pe
<i>Eriocaulon setaceum</i>	—	H, Pe
<i>Ficus heterophylla</i> var. <i>heterophylla</i>	Bonolat, Baladumur	S, Pe
<i>Fimbristylis miliacea</i>	Joina, Chatkighsh	H, A
<i>Fimbristylis dichotoma</i>	Joina chaise	H, Pe
<i>Hemarthria protensa</i>	Chailla	H, A
<i>Ipomoea aquatica</i>	Kalmi shak	H, Pe
<i>Ipomoea fistulosa</i>	Dhol kalmi	S, Pe
<i>Lasia spinosa</i>	—	H, Pe
<i>Leersia hexandra</i>	—	H, A
<i>Lippia javanica</i>	Bhuijokra	S, Pe
<i>Fimbristylis squarrosa</i>	Jumka chaich	H, A

H: Herb; S: Shrub; T: Tree; TI: Treelet; Cl: Climber; A: Annual; Pe: Perennial

バングラデシュの商業魚種
Commercial Speices of Fishes in Bangladesh

No.	Scientific Name	English Name	Vernacular Name
* 1	<i>Hilsa ilisha</i>	River Shad	Ilish(Hilsa)
* 2	<i>H. kanagurta</i>	Sea Shad	Chandana
* 3	<i>Polynemus indicus</i>	Indian-Salmon	Lakhua(Lakya)
* 4	<i>Eleutheronema tetradactylum</i>	Four-thread Tassel Fish	Tailya
5	<i>Lates calcarifer</i>	Cock-up	Koral, Bhetki
6	<i>Epinephelus lanceolatus</i>	Grouper	Bole, Koral
* 7	<i>Sillago domina</i>	Lady Fish	Hundra Tulardandi
* 8	<i>Chorinemus lysan</i>	Leather-skin	Chapa
9	<i>Lutianus johnii</i>	Red Snapper	Rangachoukya
* 10	<i>Lobotes surinamensis</i>	Triple Tail	Somudrakoi
* 11	<i>Pomadasys hasta</i>	White Grunter	Sadha Datina
* 12	<i>Johnius diacanthus</i>	Black Jew Fish	Kala Datina
* 13	<i>J. argentatus</i>	Silver Jew	Lalpoa
* 14	<i>Otolithes argentatus</i>	Silver Jew	Sadha Poa, Rupa Poa
15	<i>O. maculatus</i>	Spotted Silver Jew	Guti Poa
* 16	<i>O. brunneus</i>	Long Jew Fish	Lambu
* 17	<i>O. microdon</i>	Jew Fish	Leijya Poa
18	<i>Trichiurus savala</i>	Ribbon Fish	Chhuri
* 19	<i>T. haumela</i>	Ribbon Fish	Maittya
* 20	<i>Cypium quttaum</i>	Spanish Mackerel	Bom-maittya
21	<i>Euthynnus affinis</i>	Tuna	Champa
22	<i>Rastrellinger kanagurta</i>	Indian-mackerel	Foli Chanda
23	<i>Stromateus cinereus</i>	Silver Pomfret	Rup Chanda
24	<i>S. chinensia</i>	Chinese Pomfret	Hail Chanda
* 25	<i>Parastromateus niger</i>	Brown Pomfret	Makhan Chanda
26	<i>Psenes indicus</i>	Butter Fish	Guizza, Gongra
27	<i>Tachysurus gagoroides</i>	Cat Fish	Kamila, Kaila
28	<i>T. thalassinus</i>	Cat Fish	Nilambari
* 29	<i>Muraenesox talabonoides</i>	Eel	Kauwa
30	<i>Decapterus russelli</i>	Round Scad	Rupban
* 31	<i>Megalaspis cordyla</i>	Hard Tail	Choikya
32	<i>Nemipterus japonicus</i>	Thread Fin Bream	Choikya
* 33	<i>Ilisha filigera</i>	Big-eyed Jewlled Shad	Phoikya
34	<i>Ilisha spp.</i>	Shads	Phatra
* 35	<i>Reconda russelliana</i>	Smooth-back Herring	Phasa Phaisya
* 36	<i>Setipinna taty</i>	Anchovy	Alua, Kariali
* 37	<i>Coilia dussumieri</i>	Pointed Tail Anchovy	Kala Hangor Kamot
* 38	<i>Carcharhinus melanopterus</i>	Black-finned Shark	Moishya Hagor
* 39	<i>Sphyrna blochii</i>	Hammer-headed Shark	Aishya Karati
40	<i>Pristis microdon</i>	Saw-fish	Hangor
41	<i>Rhynchobatus djiddensis</i>	Skate	Pitambari
* 42	<i>Himantura uarnak</i>	Sting Ray	Haush, Sankush

(出典) 漁業局資料(全国データ)、FAO-UNDP Kulna Project Office提供資料(ソク・カン)

* は、ソク・カンにて確認されている 69種の中で共通する 25種

バングラデシュの商業エビ品種
Commercial Speices of Prowns in Bangladesh

No.	Scientific Name	English Name	Vernacular Name
* 1	<i>Panaeus monodon</i>	Tiger Prawn	Bagda Chingri
* 2	<i>P. indicus</i>	Brown Prawn	Chapda, Changa
* 3	<i>P. indicus var. penicellatus</i>	Brown Prawn	Chapda, Changa
4	<i>P. canaliculatus</i>		-
* 5	<i>Metapenaeus monoceros</i>		Honey Kucho
* 6	<i>M. lusianasa</i>		-
7	<i>M. brevicornis</i>		Chaga
8	<i>Parapeopsis stylifera</i>		-
* 9	<i>P. sculptilis</i>		-
* 10	<i>P. uncta</i>		Tarachingri

(出典) 漁業局資料(全国データ)、FAO-UNDP Kulna Project Office提供資料(スタ・ル・ソ)

* は、スタ・ル・ソにて確認されている 16種の中で共通する 7種

JICA